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COLUMBIA COLLEGE BULLETIN

2022-2023 | Columbia College | Founded 1754

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ACADEMIC CALENDAR

Columbia College reserves the right to revise or amend this academic calendar, in whole or in part, at any time. Registration and Change of Program periods listed here may be tentative, and students should read all email messages from the Registrar's Office or consult their advising dean in the Berick Center for Student Advising to confirm the most current deadlines. Updated calendar information is also available from the [Registrar's Office](#).

SUMMER REGISTRATION DATES FOR FALL 2022

June	13–17	Monday–Friday. Online registration for Fall 2022 via Student Services Online (SSOL) appointment: continuing students only.
	21–24	Tuesday–Friday. Online registration for Fall 2022 via Student Services Online (SSOL) appointment: continuing students only.
August	8–12	Monday–Friday. Online registration for Fall 2022 via Student Services Online (SSOL) appointment: continuing students only.
	15–19	Monday–Friday. Online registration for Fall 2022 via Student Services Online (SSOL) appointment: continuing students only.
	23–25	Tuesday–Thursday. Online registration for Fall 2022 via Student Services Online (SSOL) appointment: continuing students only.

FALL TERM 2022

August	1	Monday. Last day for new students entering in Fall 2022 to submit vaccination documentation for measles, mumps, and rubella and COVID-19 and to certify meningitis decision via the Columbia Health Patient Portal (secure.health.columbia.edu). Vaccination documentation is due 30 days prior to registration; students are not permitted to register for classes without this documentation.
	29	Monday. New Student Orientation Program begins for new students entering in Fall 2022.

September	1	Thursday. Last day to apply or reapply for the B.A. degree to be awarded in October 2022. Applications received after this date are automatically applied to the next conferral date.
	2	Friday. Fall 2022 online registration for first-year students via Student Services Online (SSOL) appointment.
	3	Saturday. Fall 2022 online registration for all College students via Student Services Online (SSOL) appointment.
	5	Monday. Labor Day. University holiday.
	6	Tuesday. Classes begin (on a Tuesday schedule) for the 269th academic year.
	6–16	Weekdays only. Fall 2022 Change of Program period by online appointment via Student Services Online (SSOL): all students.
	7	Wednesday. Last day for new Fall 2022 students to submit Student Health History form using the Columbia Health Portal.
	9; 12	Friday; Monday. Deferred examination dates.
	16	Friday. Soft deadline to submit a request for a waiver (domestic students) or exception (international students) from the Columbia Student Health Insurance Plan.
	16	Friday. End of Change of Program period. Students must be registered for a minimum of 12 points. Last day to add courses. Last day to drop a Core Curriculum course. Last day to uncover grade for Spring or Summer 2022 course taken Pass/D/Fail.
	19–	Weekdays only. Post Change of Program
October	11	Add/Drop period by online appointment via Student Services Online (SSOL).
	30	Friday. Last day to confirm, enroll dependents, or request a waiver (domestic students) or exemption (international students) from the Columbia Student Health Insurance Plan.
October	11	Tuesday. Last day for students to drop Fall courses via Student Services (SSOL).
	19	Wednesday. Award of October degrees.
	20	Thursday. Midterm Date.

November	7	Monday. Academic Holiday. No classes held. Administrative offices open. Last day to apply or reapply for the B.A. degree to be awarded in February. Applications received after this date are automatically applied to the next conferral date.
	8	Tuesday. Election Day. University holiday.
	14-18	Monday–Friday. Online registration for Spring 2023 via Student Services Online (SSOL) appointment: continuing students only.
	17	Thursday. Last day to change a regular course to a Pass/D/Fail course or a Pass/D/Fail course to a regular course. Last day to withdraw from an individual course and receive a notation of "W" on the transcript in place of a letter grade. Last day for students to register for R credit.
	23	Wednesday. Academic holiday. No classes held. Administrative offices open.
	24-27	Thursday–Sunday. Thanksgiving holidays.
December	1	Tuesday. Last day to apply or reapply for the B.A. degree to be awarded in May. Applications received after this date are automatically applied to the next conferral date.
	5-9	Monday–Friday. Online registration for Spring 2023 courses via Student Services Online (SSOL) appointment: continuing students only.
	10	Last day for new Spring 2023 students to submit vaccination documentation for measles, mumps, and rubella, COVID-19, and seasonal influenza, and to certify meningitis decision online via the Columbia Health Patient Portal (secure.health.columbia.edu) Vaccination documentation is due 30 days prior to registration; students are not permitted to register for classes without this documentation.
	12	Monday. Last day of classes.
	13-15	Tuesday–Thursday. Study days.
	16–23	Friday–Friday. Final examinations.
	23	Friday. Fall term ends.
		Friday, December 23, 2022–Sunday, January 15, 2023. Winter holidays.

SPRING TERM 2023

January	1	Sunday. Last day for applicants to the Class of 2027 to apply for admission.
	4-13	Weekdays only. Online registration for Spring 2023 via Student Services Online (SSOL) appointment: continuing and transfer students only.
	9	Monday. Last day for new Spring 2023 students to submit Student Health History form using the Columbia Health Patient Portal.
	16	Monday. Martin Luther King, Jr. Day. University holiday.
	17	Tuesday. Classes begin for Spring courses (on a Tuesday schedule).
	17–27	Weekdays only. Change of Program period by online appointment via Student Services Online (SSOL).
	20; 23	Friday; Monday. Deferred examination dates.
	27	Friday. End of Change of Program period. Students must be registered for a minimum of 12 points. Last day to add Spring courses. Last day to drop a Core Curriculum course. Last day to uncover letter grade for Fall 2022 course taken Pass/D/Fail.
February	1	Wednesday. Soft deadline to submit a request for a waiver (domestic students) or exception (international students) from the Columbia Student Health Insurance Plan for Spring 2023 new incoming students.
	8	Wednesday. Award of February 2023 degrees.
	15	Wednesday. Last day for new Spring 2023 students to confirm, enroll dependents, or submit a request for a waiver (domestic students) or exception (international students) from the Columbia Student Health Insurance Plan.
	21	Tuesday. Last day for students to drop courses via Student Services (SSOL).
March	6	Monday. Midterm date.
	7-10	Tuesday–Friday. Major Declaration.
	13-17	Monday–Friday. Spring recess.

	23	Thursday. Last day to change a regular course to a Pass/D/Fail course or a Pass/D/Fail course to a regular course. Last day to withdraw from an individual course and receive a notation of "W" on the transcript in place of a letter grade. Last day for students to register for R credit.
April	17-21	Monday-Friday. Online registration for Fall 2023 via Student Services Online (SSOL) appointment: continuing students only.
May	1	Monday. Last day of classes.
	2-4	Tuesday-Thursday. Study days.
	4	Thursday. Deadline for continuing students to apply for financial aid for 2023–2024.
	5-12	Friday–Friday. Final examinations.
	17	Wednesday. Commencement.

SUMMER REGISTRATION DATES FOR FALL 2023

June	12–16	Monday–Friday. Online registration for Fall 2023 via Student Services Online (SSOL) appointment: continuing students only.
	20-23	Tuesday–Friday. Online registration for Fall 2023 via Student Services Online (SSOL) appointment: continuing students only.
July	24-28	Monday–Friday. Online registration for Fall 2023 via Student Services Online (SSOL) appointment: continuing students only.
	31-August 4	Monday–Friday. Online registration for Fall 2023 via Student Services Online (SSOL) appointment: continuing students only.
August	22-24	Tuesday–Thursday. Online registration for Fall 2023 via Student Services Online (SSOL) appointment: continuing students only.

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For information about undergraduate admissions, please visit the [Undergraduate Admissions website](#) or contact the office by phone or email.

FEES, EXPENSES, AND FINANCIAL AID

ESTIMATED EXPENSES FOR THE ACADEMIC YEAR

An itemized estimate of the cost of attending Columbia College for the **2022–2023 academic year** of nine months is as follows:

Tuition	\$62,570
Mandatory Fees	\$2,954
Average Room and Board Cost	\$16,156
Books and Personal Expenses	\$3,672
Travel	varies
Total	\$85,352 + Travel

There is an additional charge of \$510 for new students who are required to attend Orientation.

Information on planning and managing educational expenses is contained at <https://sfs.columbia.edu/>

FEES

The following fees, prescribed by statute for each Fall or Spring term, are subject to change at any time at the discretion of the Trustees. The fees shown are those in effect during the 2022–2023 academic year.

University charges, such as tuition and fees, residence halls, and dining plans, are due and payable in full by the date announced before the beginning of each term. To check on an account balance, log in to [Student Services Online \(SSOL\)](#) or call 212-854-4400. A late payment penalty is assessed on payments received after the due date.

It is the policy of the University to withhold all University services, including registration, diplomas, and official transcripts, until all financial obligations have been met.

Tuition 2022–2023

There is a flat tuition charge for all Columbia College students, including visitors, regardless of the number of credits a student is taking. Students who are enrolled for eight terms must pay the flat tuition, regardless of the number of credits they are taking. The charge for 2022–2023 is \$31,285 a term.

Postgraduate special students and degree candidates enrolled for a ninth term are billed according to the per-point system; the per-point cost is \$2,092.

Late Registration Fee

Students who register after the scheduled period (see *Academic Calendar*) are charged a late registration fee of \$100.

Mandatory Fees*

Student Life Fee*	\$1,646
Columbia Health and Related Services Fee	\$1,308
Total	\$2,954

*Students registered in Columbia College (Fall Term): \$823;
Students registered in Columbia College (Spring Term): \$823

Document Fee

All first-time registrants at Columbia University are charged a one-time document fee of \$105, which thereafter allows them to order transcripts and enrollment and degree certifications, and to receive the mailing of the original diploma at no additional charge. This fee appears on the first Student Account Statement of the Fall term.

International Services Charge

All students holding a non-resident visa are charged an international services charge of \$135 each term, totaling \$270 for academic year 2022-2023. This fee supports the University's services to international students.

Columbia Health and Related Services Fee and Student Health Insurance Premiums

Columbia Health and Related Services Fee

Columbia Health programs and services are supported by the Columbia Health and Related Services Fee. Students can access the on-campus services provided by the units of Columbia Health and pay no additional charges for most on-campus services:

- Alice! Health Promotion, including the Gay Health Advocacy Project (GHAP)
- Counseling and Psychological Services
- Disability Services
- Medical Services
- Sexual Violence Response

All full-time students, international students, and part-time students who are on the Columbia Student Health Insurance Plan are required to pay the Columbia Health and Related Services Fee. Half-time or part-time students pay a reduced fee and have access to some, but not all, of the services. Half or part-time students may elect to upgrade to the full-time fee to have access to the full range of on-campus programs and

services. For details on the fee levels please visit the [Columbia Health website](#).

The Columbia Health and Related Services Fee is billed separately for each term. The periods of coverage and fees for 2021–2022 are as follows:

Fall Term	August 15, 2022– December 31, 2022	\$654
Spring Term	January 1, 2023– August 14, 2023	\$654

Student Health Insurance Premiums

To ensure students have access to high-quality healthcare while at Columbia, University policy requires all full-time students and all international students to have health insurance coverage that meets University requirements, in addition to the on-campus programs and services provided by Columbia Health. Columbia University offers the Columbia Student Health Insurance Plan (Columbia Plan), administered and underwritten by Aetna Student Health. Please visit the [Columbia Health Insurance page](#) for plan benefits and cost.

International students

Navigating the U.S. healthcare system can be complex. To help ensure that international students have access to the highest quality of care on- and off-campus, Columbia University requires all international students to enroll in the **Columbia Student Health Insurance Plan**. On a limited case-by-case basis, international students may qualify for an exception.

Waivers and exceptions

Domestic students who have an alternate insurance plan that meets established criteria set by the University may submit a request for a waiver. On a limited, case-by-case basis, some international students may submit a request for an exception. Visit the Columbia Health website for more information about [waiver and exception](#) criteria.

Waiver and exception requests are **due at least two weeks before the enrollment deadline** (September 30 for Fall enrollment; February 15 for new Spring enrollment; or June 15 for new Summer enrollment). All requests are considered, but approval is not guaranteed. Students who do not submit a request for a waiver or exception in a timely manner will be charged the insurance premium on their term bill and are responsible for these charges.

Students must confirm their enrollment on SSOL or submit a request for a waiver (domestic students) or exception (international students) on the Columbia Health Patient Portal **every year**. Students will receive reminders through their Columbia email.

Please contact the Student Health Insurance Team with any questions. They can be reached via

studentinsurance@columbia.edu, or by visiting the office on the 3rd Floor of John Jay Hall.

Withdrawal and Adjustment of Fees

Withdrawal is defined as the dropping of one's entire program in a given term as opposed to dropping a portion of one's program (see *Academic Regulations*). Any student withdrawing from the College must notify the [Center for Student Advising](#) in writing; **notification to instructors or failure to attend classes does not constitute an official withdrawal from the College and will result in failing grades in all courses.**

A student who withdraws is charged a withdrawal fee of \$75. In addition, students will be charged a housing fee once they leave a university residence. All application fees, late fees, and other special fees are not refundable if the student withdraws after the first 30 days of classes, and any coverage remains in effect until the end of the term. Students who withdraw or are dismissed from the University and are on the Columbia Student Health Insurance Plan will be terminated from the insurance plan and receive a pro-rated refund of any remaining premium as a credit to their student account. As with other University fees, the Columbia Health and Related Services Fee is non-refundable and not pro-rated.

Medical Leave

Students who are on an approved medical leave of absence are eligible to remain on the Columbia Student Health Insurance Plan for a cumulative maximum of two semesters during the course of the student's entire enrollment within a particular school at Columbia, regardless of the length of program.

Medical leaves must be approved by the student's academic unit and reflected in the Student Information System. Upon written notification from the academic unit granting medical leave, the Student Health Insurance Office will contact the student via their Columbia email address to determine whether the student wishes to remain enrolled in the Columbia Student Health Insurance Plan.

Students who do not reply within 14 days will be automatically terminated from the plan, effective at the end of the month in which the Student Health Insurance Office is notified or at the conclusion of the semester, whichever comes first.

Any adjustment to the tuition that the student has paid is determined by the date of withdrawal. Students receiving financial aid are not entitled to any portion of a refund until all Title IV financial aid programs are credited and all outstanding charges have been paid.

Each term, students are required to register for a full program of courses (minimum of 12 points), by the end of the Change of Program period, i.e., by the end of the second week of classes. Students who are not registered for at least 12 points by the end of the Change of Program period will be withdrawn from Columbia College.

Fall and Spring Term Tuition Refund Schedule

For the purposes of tuition proration, a week is defined as beginning on Monday and ending on Sunday. Also note that the official Change of Program period normally ends on a Friday.

Description	Charge Assessed
No Registration	\$0
1st and 2nd week	Document fee for new students only , plus \$75 Withdrawal fee
3rd week	10% tuition, fees, plus \$75 Withdrawal fee
4th week	20% tuition, fees, plus \$75 Withdrawal fee
5th week	30% tuition, fees, plus \$75 Withdrawal fee
6th week	40% tuition, fees, plus \$75 Withdrawal fee
7th week	50% tuition, fees, plus \$75 Withdrawal fee
8th week	60% tuition, fees, plus \$75 Withdrawal fee
9th week onwards	100% tuition, fees, plus \$75 Withdrawal fee

There is no difference in the proration schedule of a school or program charging per-point or flat rate tuition.

Mailing Address

Financial Aid and Educational Financing, Columbia College
1130 Amsterdam Avenue
100 Hamilton Hall, Mail Code 2802
New York, NY 10027

Office Location

618 Alfred Lerner Hall
2920 Broadway
New York, NY 10027

Office Hours: Monday–Friday, 9 a.m.–5 p.m.

Telephone: 212-854-3711

Fax: 212-854-5353

Email: ugrad-finaid@columbia.edu

Website: <http://cc-seas.financialaid.columbia.edu>

Columbia is committed to meeting the full demonstrated financial need for all applicants admitted as first-year students or transfer students pursuing their first degree. Financial aid is available for all four undergraduate years, provided that students continue to demonstrate financial need.

All applicants who are citizens or permanent residents of the United States, who are students granted refugee visas by the United States, or who are undocumented students in the United States, are considered for admission in a need-blind manner.

International students who did not apply for financial aid in their first year are not eligible to apply for financial aid in any subsequent years. Foreign transfer candidates applying for aid must understand that such aid is awarded on an extremely limited basis. Columbia does not give any scholarships for academic, athletic, or artistic merit.

The following listing of named scholarship funds have been generously donated by alumni, parents, and friends of Columbia College and are the cornerstone of the College's need-based and full need financial aid program. More than fifty percent of Columbia College students receive a Columbia Grant toward their demonstrated need and are eligible to receive named scholarship. The commitment of the Columbia College community enables the College to maintain an economically, ethnically, and racially diverse student body.

For more information on how to support the named scholarship program at Columbia College, please contact:

Columbia College Donor Relations
Columbia Alumni Center
622 West 113th Street, MC 4530
New York, NY 10025
212-851-7488

Scholarship A-Z Listing

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

A

FREDERICK F. AND HELEN M. ABDOO SCHOLARSHIP FUND

(1998) Gifts of the family of Frederick F. Abdo CC'41, LAW'47 ^, P: GS'88 and Helen M. Abdo ^ P: GS'88.

SAM ACKERMAN SCHOLARSHIP FUND

(2010) Gift of an anonymous donor.

CARROLL ADAMS SCHOLARSHIP FUND

(1997) Gift of Russell F. Warren CC'62 and Laurie A. Warren BC'63.

MICHAEL ADDISON SCHOLARSHIP FUND

(1955) Gift of Viola G. Addison in memory of her husband, Michael Addison.

EDWARD C. ADKINS MEMORIAL SCHOLARSHIP FUND

(2008) Gift of Philip J. Adkins CC'80, P: CC'15.

ALBOLOTE FAMILY SCHOLARSHIP

(2020) Gift of Kenneth J. Albolote CC'92.

JAMES HERMAN ALDRICH AND HERMAN ALDRICH EDSON SCHOLARSHIP FUND

(1913) Gift of James Herman Aldrich CC 1863, in honor of the fiftieth anniversary of his graduation, and bequest of James Herman Aldrich CC 1863 and Mary Gertrude Edson Aldrich.

PATRICIA AND SHEPARD ALEXANDER SCHOLARSHIP FUND
(2012) Bequest of Patricia and Shepard L. Alexander CC 1921.

SHEPARD L. ALEXANDER SCHOLARSHIP FUND
(2011) Bequest of Patricia and Shepard L. Alexander CC 1921.

WILLIAM ALPERN SCHOLARSHIP FUND
(1996) Gift of Minette Alpern P: GSAS'74 ^ and Barbara Alpern Engel GSAS'74 in memory of William Alpern P: GSAS'74.

CECILE AND SEYMOUR ALPERT, M.D. SCHOLARSHIP FUND
(2006) Gift of Cecile B. and Seymour Alpert CC'39 ^.

ALAN J. ALTHEIMER SCHOLARSHIP FUND
(1992) Gift of the Jewish Students Scholarship Fund in honor of Alan Altheimer CC1923, LAW 1925 ^.

ALUMNI SCHOLARSHIP FUND
(1935) Gift of the Alumni Fund.

GEORGE J. AMES/LAZARD FRERES SCHOLARSHIP FUND
(1996) Gift of Lazard Freres in honor of George J. Ames CC'37 ^.

ERICA L. AMSTERDAM FAMILY SCHOLARSHIP FUND FOR COLUMBIA COLLEGE
(2002) Gift of Mark Lemle Amsterdam CC'66, LAW'69, P: CC'07, CC'10 in honor of his mother, Erica L. Amsterdam ^ P: CC'66, LAW'69.

CATHERINE AND DENIS ANDREUZZI SCHOLARSHIP FUND
(1995) Gift of Denis M. Andreuzzi CC'53.

JULIO LOUIS ANON AND ROBERT A. KAMINSKI SCHOLARSHIP FUND
(2013) Gift of J. Louis Anon CC'76.

ANONYMOUS SCHOLARSHIP FUND
(2011) Gift of an anonymous donor.

ANONYMOUS SCHOLARSHIP FUND
(2013) Gift of an anonymous donor.

ANONYMOUS SCHOLARSHIP FUND
(1984) Gift of an anonymous donor.

ANONYMOUS FUND FOR STUDENT AID #2
(1954) Gift of an anonymous donor.

ANONYMOUS SCHOLARSHIP FUND III IN COLUMBIA COLLEGE
(1987) Gift of an anonymous donor.

ANONYMOUS #241 COLUMBIA COLLEGE SCHOLARSHIP FUND
(1992) Gift of an anonymous donor.

ANONYMOUS 22076 SCHOLARSHIP FUND
(2008) Gift of an anonymous donor.

ANONYMOUS 351942 SCHOLARSHIP FUND
(2008) Gift of an anonymous donor.

ANONYMOUS 356166 SCHOLARSHIP
(2022) Gift of an anonymous donor.

ANONYMOUS 379772
(2019) Gift of an anonymous donor.

ANONYMOUS 32994 SCHOLARSHIP FUND
(2015) Gift of anonymous donor.

ANONYMOUS 672287 SCHOLARSHIP
(2021) Gift of an anonymous donor.

ANONYMOUS 79992 SCHOLARSHIP
(2022) Gift of an anonymous donor.

RAYMOND F. ANTIGNAT SCHOLARSHIP FUND
(1991) Bequest of Raymond F. Antignat CC'37, GSAS'40.

AQUILA FAMILY SCHOLARSHIP FUND
(2013) Gift of Francis J. Aquila CC'79.

ROONE P. ARLEDGE SCHOLARSHIP FUND
(1987) Gift of Roone P. Arledge CC'52 ^.

ENDOWED SCHOLARSHIP FUND FOR THE ARTS
(2021) Gift of an anonymous donor.

SCHOLARSHIP FUND FOR THE ARTS
(2021) Gift of an anonymous donor.

NICHOLAS F. AND FRANCES N. ARTUSO SCHOLARSHIP FUND
(2006) Gift of Anthony A. Artuso CC'80, P: CC'08, CC'12 and various donors in memory of Anthony's parents, Frances N. and Nicholas F. Artuso SEAS'49, P: CC'80.

ESTATE OF SYLVIA ASHLEY BEQUEST FOR GENERAL UNIVERSITY FINANCIAL AID
(2008) Bequest of Sylvia Ashley.

LOUIS AND THEONIE ASLANIDES SCHOLARSHIP FUND
(2013) Bequest of Peter C. Aslanides CC'62 in memory of his parents, Louis and Theonie Aslanides P: CC'62, GSAS'61.

CHARLES B. ASSIFF SCHOLARSHIP FUND
(1996) Gift of Matthew J. Assiff CC'89 in memory of his father, Charles B. Assiff P: CC'89.

ASTOR PRESIDENTIAL SCHOLARSHIP FUND
(1981) Gift of the Vincent Astor Foundation.

THE BILL AND INGRID ATKINSON MEMORIAL SCHOLARSHIP FUND
(2012) Gift of William H. Atkinson CC'49 ^.

MILA ATMOS SCHOLARSHIP FOR EUROPEAN HISTORY

(2017) Gift of Sharmila H. Tuttle CC'96, SIPA'05, P: CC'26

VICTOR AUERBACH ESTATE SCHOLARSHIP GIFT

(2016) Bequest of Victor H. Auerbach CC'51.

BERTHA AND WILLIAM AUGENBRAUN ENDOWED SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(2011) Bequest of Barry S. Augenbraun CC'60.

FRANK AND HARRIET AYER SCHOLARSHIP FUND

(1977) Bequest of Frank A. Ayer SEAS 1911.

B**BABAR FAMILY UNDERGRADUATE SCHOLARSHIP FUND**

(2019) Gift of Nadeem Babar CC'87, SEAS'87, P: CC'23.

A. JAMES AND VONA HOPKINS BACH SCHOLARSHIP FUND

(1992) Gift of A. James Bach CC'53, BUS'52.

FREDERICK AND ELEANORE BACKER SCHOLARSHIP FUND

(1984) Bequest of Eleanore W. Backer.

KAMEL S. BAHARY SCHOLARSHIP FUND

(2015) Gift of Kamel S. Bahary CC'54.

BAKER FAMILY SCHOLARSHIP FUND

(2004) Gift of Rebecca and Daniel P. Baker CC'76, P: CC'07, CC'10.

GARY THOMAS BAKER SCHOLARSHIP FUND

(1992) Gift of Jean M. Baker ^ P: CC'84 ^ in memory of her son, Gary T. Baker CC'84.

ADELLE PHYLLIS BALFUS SCHOLARSHIP FUND

(1989) Gift of Laurence E. Balfus CC'55, GSAS'00 ^and Roberta R. Balfus ^.

ALFRED M. BARABAS MEMORIAL FUND

(1988) Bequest of Alfred M. Barabas CC'36.

THE MICHAEL L. BARNETT SCHOLARSHIP FUND

(2014) Bequest of Michael Barnett CC'64, DM'67.

KYRA TIRANA BARRY AND DAVID BARRY SCHOLARSHIP FUND

(2009) Gift of Kyra Tirana Barry CC'87, P: CC'17 and David B. Barry CC'87, P: CC'17.

MICHAEL BARRY '89 SCHOLARSHIP FUND

(2010) Gift of Michael I. Barry CC'89, P: CC'21.

FREDERIC D. BARSTOW SCHOLARSHIP FUND

(1943) Bequest of William S. Barstow.

ANDREW AND AVERY BARTH SCHOLARSHIP FUND

(2009) Gift of Andrew F. Barth CC'83, BUS'85, P: CC'16, BUS'23.

BASSI FAMILY SCHOLARSHIP FUND

(2021) Gift of Leila Bassi BC'94, BUS'00 and Luca Bassi BUS'00.

MILTON B. AND EDITH C. BASSON ENDOWMENT FUND

(1987) Bequest of Milton B. Basson CC1929.

CLEMENT AND ELIZABETH PROBASCO BEACHEY SCHOLARSHIP FUND

(1965) Bequest of Margaret Probasco Beachey in memory of her parents, Clement Beachey and Elizabeth Probasco Beachey.

BEALE FAMILY FUND

(2020) Bequest of Elliott L. Beale Jr. CC'74 ^.

ROBERT L. BELKNAP SCHOLARSHIP FUND

(1987) Gift of various donors in the Class of 1977 in honor of Robert L. Belknap SIPA'57, GSAS'59 ^, P: GSAPP'86.

WILLIAM C. AND ESTHER HOFFMAN BELLER SCHOLARSHIP FUND

(1983) Gift of Esther Hoffman Beller ^ in honor of her husband, William C. Beller CC 1919, GSAS 1920 ^, and herself.

WILLIAM AITKEN BENSEL MEMORIAL ENDOWMENT

(1975) Bequest of Marguerite C. and William A. Bensel CC 1902.

HERBERT R. BERK SCHOLARSHIP FUND

(1999) Bequest of Ruth L. Berk in memory of her husband, Herbert R. Berk CC 1928, LAW 1930.

GERALD M. BERKOWITZ SCHOLARSHIP FUND

(2020) Gift of Gerald M. Berkowitz CC'63, GSAS'64.

PINCUS BERNER MEMORIAL SCHOLARSHIP FUND

(1992) Bequest of Rose Wohl Hofstadter in memory of her brother-in-law, Pincus Berner.

ROBERT BERNOT '55 AND MORRIS LAMER SCHOLARSHIP FUND IN HONOR OF SAMARA BERNOT MESHEL '92

(1996) Gift of Robert Bernot CC'55, P: CC'92 and Morris Lamer ^ in honor of Samara B. Meshel CC'92, P: CC'18, CC'23.

YOGI BERRA SCHOLARSHIP FUND

(1959) Gift of various donors in honor of Yogi Berra ^.

THE BETHILL FAMILY SCHOLARSHIP FUND

(2009) Gift of Charles D. Bethill CC'69, GSAS'73, SIPA'73, LAW'74.

BIKHCHANDANI SCHOLARSHIP FUND

(2013) Gift of an anonymous donor.

BLACK ALUMNI COUNCIL ENDOWED SCHOLARSHIP FUND

(2015) Gift of Columbia College Black Alumni Council, alumni, and friends.

CHARLES P. BLACKMORE ATHLETIC SCHOLARSHIP FUND

(1990) Bequest of Charles P. Blackmore CC'38, GSAS'53.

LEO BLITZ MEMORIAL SCHOLARSHIP FUND

(1987) Gift of Steven M. Blitz CC'62, SEAS'63.

THE BENJAMIN F. & BERNICE BLOCK FUND

(2017) Bequest of Harold P. Block CC'62, BUS'65.

THE WILLARD AND ROBERTA BLOCK FAMILY SCHOLARSHIP FUND

(1999) Gift of Willard Block CC'51 ^.

MAXWELL A. BLOOMFIELD SCHOLARSHIP FUND

(2002) Bequest of Maxwell Bloomfield.

BOCKLAGE FAMILY SCHOLARSHIP FUND

(2010) Gift of Alanna and Chandler B. Bocklage CC'00.

ALEXANDER BODINI ENDOWED FINANCIAL AID FUND

(2004) Gift of ACP Holdings, Inc. in memory of Alexander Bodini.

PHILIP BONANNO SCHOLARSHIP FUND

(1996) Gift of Philip P. Bonanno CC'54, SEAS'55, SEAS'64.

HOWARD H. BORN SCHOLARSHIP FUND

(1990) Bequest of Howard H. Born.

H. HUBER BOSCOWITZ SCHOLARSHIP FUND

(1994) Bequest of H. Huber Boscowitz CC 1923.

DR. LEONARD BRAM SCHOLARSHIP FUND

(2011) Gift of Jonathan D. Bram CC'87, P: CC'14, CC'17.

EDWARD M. BRATTER SCHOLARSHIP FUND

(1984) Gift of Thomas Bratter CC'61 ^, P: CC'87, CC'90 and Carole Bratter W: CC'61 , P: CC'87, CC'90 in honor of Edward M. Bratter CC'26, LAW'28 ^, P: CC'61 ^.

THE MICHAEL O. BRAUN SCHOLARSHIP FUND

(2006) Gift of Michael O. Braun CC'70, LAW'73, P: CC'09.

JOHN M BRAVER & DOROTHY, MARIA, AND YOLE DE BLASIO SCHOLARSHIP FUND

(2020) Gift of John M. Braver CC'66.

MYLES AND DOROTHY BRAVER SCHOLARSHIP FUND

(2021) Gift of John M. Braver CC'66.

BREAD OF LIFE FOUNDATION SCHOLARSHIP FUND

(1993) Gift of Paul J. Grant CC'65.

JESSICA LEE BRETT SCHOLARSHIP FUND

(2008) Gift of Patricia Brett CC'87, P: CC'18, CC'21, CC'26 and James T. Brett CC'84, BUS'90, P: CC'18, CC'21, CC'26.

LAURENCE AND MARION BREWER '38 CC SCHOLARSHIP FUND

(2006) Bequest of Marion and Laurence A. Brewer CC'38.

BRIGHT SCHOLAR - COLUMBIA SCHOLARSHIP FUND

(2017) Gift of the Bright Scholar Education Group.

BRILLO-SONNINO FAMILY SCHOLARSHIP FUND

(2009) Gift of Mark D. Sonnino CC'82 and Lyn C. Brillo.

THE CRAIG B. BROD SCHOLARSHIP

(2011) Gift of Craig B. Brod CC'77.

HAROLD BROD MEMORIAL ROOM SCHOLARSHIP FUND

(1958) Gift of Beth Brod W: CC'47 in memory of her husband, Harold Brod CC'47.

DOROTHY R. BRODIN SCHOLARSHIP FUND FOR THE HUMANITIES

(2007) Bequest of Dorothy R. Brodin GSAS'43, GSAS'63.

BRONIN FAMILY SCHOLARSHIP FUND

(1996) Gift of Andrew Bronin CC'69.

ROBERT R. BROOKHART MEMORIAL SCHOLARSHIP FUND

(1991) Bequest of Herbert A. Deane CC'42, GSAS'53 in honor of Robert R. Brookhart CC'59 ^.

RICHARD A. BROOKS AND EVA MARIA STADLER SCHOLARSHIP FUND

(2017) Bequest of Richard A. Brooks CC'53, GSAS'59.

SHARI AND GARY BROOKS FAMILY SCHOLARSHIP

(2021) Gift of Shari R. and Gary A. Brooks P: CC'24, CC'26.

FRANK AND DEENIE BROSENS SCHOLARSHIP FUND

(2006) Gift of the Frank Brosens and Deenie Brosens Foundation.

HAROLD BROWN SCHOLARSHIP FUND

(1990) Gift of Harold Brown CC'46, GSAS'46, GSAS'49 ^.

SAMUEL POTTER BROWN SCHOLARSHIP FUND

(1998) Bequest of Samuel P. Brown CC'41, BUS'41.

CARL M. BRUKENFELD CLASS OF 1927 MEMORIAL SCHOLARSHIP FUND

(1970) Gift of M. Ronald Brukenfeld GSAS'39 ^.

CLARENCE BRUNER-SMITH SCHOLARSHIP FUND - COLUMBIA COLLEGE

(2002) Bequest of Clarence Bruner-Smith CC 1925.

LOUISE AND ROBERT BRUNNER FAMILY SCHOLARSHIP FUND

(2014) Gift of Rochelle L. and Thomas W. Brunner CC'66, P: CC'95.

MICHAEL S. BRUNO, M.D. SCHOLARSHIP FUND
(1989) Gift of Michael S. Bruno CC'43, VPS'45 ^, P: BUS'70, BUS'82.

DR. ELI BRYK SCHOLARSHIP FUND
(1999) Gift of Eli Bryk CC'78, VPS'82, P: CC'07, CC'08, CC'10, CC'13, BC'03, BUS'11, GSAS'10, JRN'14, LAW'11, VPS'15.

BRYNJOLFSSON FAMILY UNDERGRADUATE SCHOLARSHIP FUND
(2008) Gift of Margaret and John Brynjolfur Brynjolfsson CC'86.

BUCHMAN FAMILY SCHOLARSHIP FUND
(1989) Gift of Stephen L. Buchman CC'59, LAW'62.

ANNIE P. BURGESS SCHOLARSHIP FUND
(1913) Bequest of Annie P. Burgess.

DANIEL BURGESS SCHOLARSHIP FUND
(1913) Bequest of Annie P. Burgess.

ARNOLD D. BURK MEMORIAL SCHOLARSHIP FUND
(1918) Bequest of Arnold D. Burk CC'53, LAW'55.

J. GARY BURKHEAD SCHOLARSHIP FUND
(1988) Gift of J. Gary Burkhead CC'63.

DR. IRVIN J. BUSSING SCHOLARSHIP FUND
(1996) Gift of Irvin J. Bussing CC 1922, GSAS 1935 ^.

RICHARD BUTLER SCHOLARSHIP FUND
(1903) Gift of Mrs. Richard Butler in memory of her husband, Richard Butler.

BENJAMIN J. BUTTENWIESER PRESIDENTIAL SCHOLARSHIP FUND
(1992) Gift of Lionel I. Pincus BUS'56 ^, P: CC'92, CC'95, BUS'02, the Charles H. Revson Foundation, and various donors in memory of Benjamin J. Battenwieser CC 1919.

MICHAEL BYOWITZ / RUTH HOLZER / SUZANNE BYOWITZ SCHOLARSHIP FUND
(2008) Gift of Ruth Holzer and Michael H. Byowitz CC'73, P: CC'13, LAW'14 in honor of the thirty-fifth anniversary of Michael's graduation.

C

JOHN T. CAHILL MEMORIAL SCHOLARSHIP FUND
(1967) Gift of various donors in memory of John T. Cahill CC 1924.

EDWARD F. CALESA SCHOLARSHIP FUND
(1989) Gift of Edward F. Calesa CC'63 in honor of Joel Larus GSAS'60.

STEVEN C. CALICCHIO FUND

(2013) Gift of the Steven C. Calicchio Foundation.

CALLAGHAN FAMILY SCHOLARSHIP FUND
(2021) Gift of Lydia C. Callaghan CC'92.

JOHN AND BETTY CARROLL MEMORIAL SCHOLARSHIP FUND
(2004) Gift of Barbara Bartlik and David S. Carroll CC'76, LAW'79, P: CC'11 in honor of David's parents, Betty and John Carroll P: CC'76, LAW'79.

PROFESSOR JOHN P. CARTER SCHOLARSHIP FUND
(2001) Bequest of Rachel H. Carter in memory of her husband, John P. Carter CC'36.

EDWIN H. CASE MEMORIAL SCHOLARSHIP FUND
(1994) Gift of Stephen H. Case CC'64, LAW'68, P: CC'92, BUS'02 and various donors in memory of Stephen's son, Edwin H. Case CC'92.

CAMPBELL FAMILY SCHOLARSHIP FUND
(2015) Gift of William V. Campbell CC'62, TC'64 ^, P:CC'04, CC'13, SIPA'08.

WILLIAM CAMPBELL FELLOWSHIP FUND
(1938) Gift of William Campbell ^.

CENTRAL DELICATESSEN FUND
(2015) Gift of an anonymous donor.

CESTAR FAMILY FUND
(2019) Gift of Matthew J. Cestar CC'93.

DOUGLAS A. CHADWICK, JR. SCHOLARSHIP FUND
(2004) Gift of Douglas A. Chadwick CC'61, BUS'62.

FRANK W. CHAMBERS SCHOLARSHIP FUND
(1950) Gift of various donors in memory of Frank W. Chambers CC 1906.

SOU CHAN SCHOLARSHIP FUND
(1949) Gift of Sou Chan.

RYAN CHANG SCHOLARSHIP FUND
(2011) Gift of Ryan S. Chang CC'02.

SO YOUNG CHANG FAMILY SCHOLARSHIP FUND
(2015) Gift of So Young Chang BUS'02.

JOYCE CHANG SCHOLARSHIP FUND
(2016) Gift of David Robbins and Joyce Chang CC'87, CC'24.

CHANG CHAN YUK PING SCHOLARSHIP FUND
(2011) Gift of Pamela and Eric M.P. Tang P: CC'09.

CHAPMAN FAMILY SCHOLARSHIP FUND
(2015) Gift of Kenneth B. Chapman CC'97.

SIMEON B. JR. CHAPIN SCHOLARSHIP FUND
(1992) Gift of Mary B. Chapin ^.

JOHN CHEE SCHOLARSHIP FUND

(1988) Gift of John K. C. Chee CC'68, BUS'70, P: CC'95, CC'97, CC'01.

CHARLIE CHO SCHOLARSHIP FUND

(2011) Gift of Charles W. Cho CC'96.

THE CHODASH FAMILY SCHOLARSHIP FUND

(2015) Gift of Craig L. Chodash CC'90.

GERMAINE AND MICHAEL CHLOE SCHOLARSHIP FUND

(2020) Gift of Michael and Germaine Choe CC'95.

CHOU SCHOLARSHIP FUND

(2010) Gift of Silas Kei-Fong Chou.

SILAS CHOU SCHOLARSHIP FUND

(2010) Gift of Silas Kei-Fong Chou.

DANIEL S.J. CHOY COLUMBIA COLLEGE SCHOLARSHIP FUND

(2013) Gift of Daniel S.J. Choy CC'44, VPS'49.

PHILLIP AND THEODORA CHRISTIE ENDOWED SCHOLARSHIP

(2016) Bequest of Theodora and Phillip Christie.

CHUNG FAMILY FUND

(2022) Gift of Myung-hee Lee and Jae-un Chung SEAS'64, SEAS'69.

JEREMIAH AND YOLANDA CIANCIA FAMILY SCHOLARSHIP FUND

(2008) Gift of Jeremiah and Yolanda Ciancia Foundation.

RICHARD H. CIPOLLA MEMORIAL SCHOLARSHIP FUND

(1981) Gift of John Klingenstein ^ and Patricia Klingenstein in memory of Richard H. Cipolla SEAS'48.

ROBERT CIRICILLO SCHOLARSHIP FUND

(2004) Gift of Robert C. Ciricillo CC'67.

JOHN J. CIRIGLIANO SCHOLARSHIP FUND

(1987) Gift of John J. Cirigliano CC'64.

TATJANA CIZEVSKA SCHOLARSHIP FUND

(1986) Gift of Tatjana Cizevska GSAS'49 ^.

CLASS OF 1892 ARTS AND MINES SCHOLARSHIP

(1917) Gift of various donors in the Class of 1892 Arts and Mines.

CLASS OF 1896 ARTS AND MINES SCHOLARSHIP

(1921) Gift of various donors in the Class of 1896 Arts and Mines.

CLASS OF 1899 COLLEGE AND MINES NATIONAL SCHOLARSHIP FUND

(1949) Gift of various donors in the Class of 1899 Arts and Mines.

CLASS OF 1900 FUND

(1950) Gift of various donors in the Class of 1900 College, Engineering and Architecture.

CLASS OF 1902 COLLEGE AND ENGINEERING SCHOLARSHIP FUND

(1952) Gift of various donors in the Class of 1902.

CLASS OF 1905 SCHOLARSHIP FUND

(1955) Gift of various donors in the Class of 1905.

CLASS OF 1906 FRANK D. FACKENTHAL SCHOLARSHIP FUND

(1948) Gift of various donors in the Class of 1906.

CLASS OF 1907 ENGINEERING FUND

(1937) Gift of various donors in the Class of 1907.

CLASS OF 1908 COLLEGE FUND FOR A ROOM IN RESIDENCE HALLS FUND

(1948) Gift of various donors in the Class of 1908.

CLASS OF 1909 SCHOLARSHIP FUND

(1959) Gift of various donors in the Class of 1909.

CLASS OF 1911 FUND

(1936) Gift of various donors in the Class of 1911.

CLASS OF 1912 COLLEGE AND ENGINEERING 35TH ANNIVERSARY FUND

(1969) Gift of various donors in the Class of 1912 in honor of the thirty-fifth anniversary of their graduation.

CLASS OF 1914 COLLEGE AND ENGINEERING FUND

(1969) Gift of various donors in the Class of 1914.

CLASS OF 1915 SCHOLARSHIP FUND

(1950) Gift of various donors in the Class of 1915.

CLASS OF 1916 COLLEGE AND ENGINEERING FUND

(1947) Gift of various donors in the Class of 1916.

CLASS OF 1916 SCHOLARSHIP FUND

(1951) Gift of various donors in the Class of 1916.

CLASS OF 1917 COLLEGE, ENGINEERING, JOURNALISM FUND

(1939) Gift of various donors in the Class of 1917.

CLASS OF 1918 SCHOLARSHIP FUND

(1948) Gift of various donors in the Class of 1918.

CLASS OF 1918 50TH ANNIVERSARY SCHOLARSHIP FUND

(1968) Gift of various donors in the Class of 1918.

CLASS OF 1920 SCHOLARSHIP FUND

(1983) Gift of various donors in the Class of 1920.

CLASS OF 1921 SCHOLARSHIP FUND

(1936) Gift of various donors in the Class of 1921.

**CLASS OF 1922 NATIONAL SCHOLARSHIP
ENDOWMENT FUND**

(1950) Gift of various donors in the Class of 1922.

CLASS OF 1924 SCHOLARSHIP FUND

(1949) Gift of various donors in the Class of 1924.

CLASS OF 1924 SCHOLARSHIP ROOM ENDOWMENT

(1949) Gift of various donors in the Class of 1924.

**CLASS OF 1925 HERBERT E. HAWKES SCHOLARSHIP
FUND**

(1987) Gift of various donors in the Class of 1925.

**CLASS OF 1926 DWIGHT C. MINER SCHOLARSHIP
FUND**

(1973) Gift of various donors including faculty, students, and alumni.

CLASS OF 1927 SCHOLARSHIP FUND

(1947) Gift of various donors in the Class of 1927.

CLASS OF 1928 COLLEGE PERMANENT FUND

(1956) Gift of various donors in the Class of 1928.

CLASS OF 1929 TENTH ANNIVERSARY FUND

(1939) Gift of various donors in the Class of 1929.

CLASS OF 1932 SCHOLARSHIP FUND

(1982) Gift of various donors in the Class of 1932.

THE CLASS OF 1933 SCHOLARSHIP FUND

(2008) Bequest of Mabel H. Tunstead.

CLASS OF 1933 SCHOLARSHIP FUND

(1988) Gift of various donors in the Class of 1933.

CLASS OF 1934 SCHOLARSHIP FUND

(1986) Gift of various donors in the Class of 1934.

CLASS OF 1936 SCHOLARSHIP FUND

(1965) Gift of various donors in the Class of 1936.

CLASS OF 1938 SCHOLARSHIP FUND

(1967) Gift of various donors in the Class of 1938.

**CLASS OF 1942 GEORGE A. HYMAN, M.D.
SCHOLARSHIP FUND**

(2005) Gift of Barry S. Hyman CC'77, VPS'86, P: CC'23, GS'21 and the George A. Hyman Revocable Trust in memory of Barry's father, George A. Hyman CC'42, VPS'45, P: CC'77, VPS'86.

CLASS OF 1942 SCHOLARSHIP FUND

(1967) Gift of various donors in the Class of 1942.

CLASS OF 1943 SCHOLARSHIP FUND

(1976) Gift of various donors in the Class of 1943.

CLASS OF 1951 SCHOLARSHIP FUND

(1996) Gift of various donors in the Class of 1951.

CLASS OF 1952 ENDOWMENT FUND

(1988) Gift of various donors in the Class of 1952 in honor of the thirty-fifth anniversary of their graduation.

**COLUMBIA COLLEGE CLASS OF 1952 SCHOLARSHIP
FUND**

(2002) Gift of various donors in the Class of 1952.

**CLASS OF 1953/ MICHAEL I. SOVERN SCHOLARSHIP
FUND**

(1983) Gift of various donors in the Class of 1953.

CLASS OF 1955 SCHOLARSHIP FUND

(1982) Gift of various donors in the Class of 1955.

CLASS OF 1956 ALAN N. MILLER SCHOLARSHIP FUND

(2014) Gift of various donors in the Class of 1956 in honor of the fifty-fifth anniversary of their graduation and in memory of Alan N. Miller CC'56, SEAS'57, BUS'58, P: CC'88.

CLASS OF 1956 SCHOLARSHIP FUND

(1982) Gift of various donors in the Class of 1956.

**THE CLASS OF 1958 PETER STUYVESANT
SCHOLARSHIP**

(1992) Gift of David J. Londoner CC'58, BUS'59 ^, P: CC'91, Bernard W. Nussbaum CC'58, P: CC'93, BUS'02 and other graduates of Stuyvesant High School in the Class of 1958.

CLASS OF 1959 SCHOLARSHIP FUND

(1992) Gift of various donors in the Class of 1959.

CLASS OF 1966 SCHOLARSHIP FUND

(1986) Gift of various donors in the Class of 1966.

CLASS OF 1968 SCHOLARSHIP FUND

(1988) Gift of various donors in the Class of 1968.

CLASS OF 1969 SCHOLARSHIP FUND

(1991) Gift of various donors in the Class of 1969 in honor of the twentieth anniversary of their graduation.

**CLASS OF 1975 NEIL SELINGER MEMORIAL
SCHOLARSHIP FUND**

(2013) Gift of various donors in the Class of 1975.

**THE CLASS OF 1979 DEAN AUSTIN E. QUIGLEY
SCHOLARSHIP FUND**

(2014) Gift of the Class of 1979 in honor of the thirtieth anniversary of their graduation.

THE CLASS OF 1984 SCHOLARSHIP FUND

(2013) Gift of various donors in the Class of 1984.

THE CLASS OF 1985 SCHOLARSHIP FUND

(2014) Gift of Class of 1985 in honor of the twenty-fifth anniversary of their graduation.

THE CLASS OF 1989 SCHOLARSHIP FUND

(2014) Gift of Class of 1989 in honor of the twentieth anniversary of their graduation.

CLASS OF 1993 RACHEL MINTZ MEMORIAL FUND

(2021) Gift of various donors in memory of Rachel M. Mintz CC'93, TC'97, TC'00.

THE COLUMBIA COLLEGE CLASS OF 1994 SCHOLARSHIP FUND

(2014) Gift of the Class of 1994 in honor of the fifteenth anniversary of their graduation.

THE COLUMBIA COLLEGE CLASS OF 2005 SCHOLARSHIP FUND

(2013) Gift of various donors in the Class of 2005.

MICHAEL J. CLEMENS SCHOLARSHIP FUND

(1990) Bequest of Michael J. Clemens CC'61, GSAS'64.

ETHEL CLYDE SCHOLARSHIP FUND

(1979) Bequest of Ethel Clyde GS'31, P: CC'30 ^.

DONN COFFEE MEMORIAL SCHOLARSHIP FUND

(2005) Gift of Toni Coffee BC'56, W: CC'55, BUS'56.

JOAN M. COHEN SCHOLARSHIP FUND

(1987) Gift of Alan N. and Joan M. Cohen Foundation.

SANFORD M. COHEN SCHOLARSHIP FUND

(1996) Gift of Sanford M. Cohen CC'83.

PETER AND JOAN COHN SCHOLARSHIP FUND

(2004) Gift of Peter F. Cohn CC'58, VPS'62, P: CC'93.

COLE FUND

(1943) Bequest of Edward F. Cole.

MAE AND HARRY COLE MEMORIAL FUND

(1965) Bequest of Harry Dix Cole CC 1913.

HENRY S. COLEMAN SCHOLARSHIP FUND

(1992) Gift of Bradford R. Higgins CC'74, LAW'78 in honor of Henry S. Coleman CC'46, SEAS'46 ^.

HENRY S. COLEMAN LEADERSHIP SCHOLARSHIP FUND

(1994) Gift of Mary Lou and Robert F. Coviello CC'67, BUS'68, P: CC'99 in honor of Henry S. Coleman CC'46, SEAS'46 ^.

THE SARAH R. COLEMAN SCHOLARSHIP FUND

(2013) Gift of Steven E. Coleman CC'83, P: CC'15, CC'20, BUS'22.

MADELEINE L. COLEMAN SCHOLARSHIP FUND

(2018) Gift of Steven E. Coleman CC'83, P: CC'15, CC'20, BUS'22 and Laura B. Coleman BC'84, BUS'91, P: CC'15, CC'20, BUS'22.

PERRY MCDONOUGH COLLINS SCHOLARSHIP FUND

(1917) Bequest of Kate Collins Brown in memory of her uncle, Perry McDonough Collins.

COLUMBIA COLLEGE ALUMNI FUND ENDOWMENT

(1983) Gift of various donors.

COLUMBIA COLLEGE PRIDE SCHOLARSHIP FUND

(2021) Gift of various donors.

COLUMBIA COLLEGE SCHOLARSHIP FUND

(2011) Gift of various donors.

COLUMBIA COLLEGE VARIOUS SCHOLARSHIPS

(1981) Gift of various donors.

COLUMBIA COLLEGE WOMEN SCHOLARSHIP FUND

(2009) Gift of various donors.

COLUMBIA ALUMNI ASSOCIATION (CAA) SCHOLARSHIP FUND

(2022) Gift of Keith Goggin JRN'91 and various donors.

COLUMBIA UNIVERSITY ALUMNI CLUB OF NASSAU COUNTY SCHOLARSHIP FUND

(1986) Gift of the Columbia University Alumni Club of Nassau County.

COLUMBIA UNIVERSITY CLUB FOUNDATION SCHOLARSHIP FUND

(1967) Gift of the Columbia University Club Foundation.

COLUMBIA UNIVERSITY CLUB OF NEW ENGLAND SCHOLARSHIP FUND

(1985) Gift of various members of the Columbia University Club of New England.

COLUMBIA UNIVERSITY FUND FOR STUDENTS

(2005) Bequest of Al Jolson.

COLUMBIAN SCHOLARSHIP FUND

(2022) Gift of an anonymous donor.

CON EDISON ENDOWED SCHOLARSHIP FUND

(2015) Gift of Consolidated Edison Company of New York, Inc.

HARRIET WALLER CONKLIN/LILLIAN CHERNOK SABEL FUND

(2010) Gift of an anonymous donor.

PARKER COOGAN MEMORIAL SCHOLARSHIP FUND

(2021) Gift of Amy and Timothy Coogan P: CC'20.

COOK FAMILY FUND

(2011) Gift of Michael L. Cook CC'65.

THE THOMAS AND NANCY CORNACCHIA FAMILY SCHOLARSHIP FUND

(2010) Gift of Nancy L. and Thomas W. Cornacchia CC'85, P: CC'17, CC'19.

CORNACCHIA FAMILY SCHOLARSHIP FUND

(2010) Gift of Thomas W. Cornacchia CC'85, P: CC'17, CC'19 and Goldman Sachs Charitable Gift Fund.

CHARLES K. COSSE MEMORIAL SCHOLARSHIP FUND

(1975) Gift of Anne L. Cosse ^ in memory of her husband, Charles K. Cosse CC 1925.

PAUL AND LILLIAN COSTALLAT SCHOLARSHIP FUND
(1972) Bequest of Lillian and Paul Costallat.

BERTHE COSTIKYAN SCHOLARSHIP FUND
(1990) Gift of Andrew M. Costikyan CC'43 ^ and Edward N. Costikyan CC'47, LAW'49 ^ in memory of their mother, Berthe Costikyan P: CC'43 ^, CC'47, LAW'49 ^.

CHARLES HALSTEAD COTTINGTON SCHOLARSHIP FUND - COLUMBIA COLLEGE
(2002) Bequest of Marianne W. Cottington in memory of her husband, Charles Halstead Cottington.

LOUISE CRAIGMYLE SCHOLARSHIP FUND
(1960) Gift of Louise Craigmyle ^.

CHESTER W. CUTHELL CLASS OF 1905 SCHOLARSHIP FUND
(1945) Gift of various donors in the Class of 1905 in honor of the fortieth anniversary of their graduation.

D

FATHER JOHN K. DALY MEMORIAL SCHOLARSHIP FUND
(2014) Gift of Arthur D. Trezise CC'50 in memory of Father John K. Daly.

CHARLES ANDERSON DANA SCHOLARSHIP FUND
(1988) Gift of David S. Dana CC'53 ^ in memory of his father, Charles A. Dana CC 1902, GSAS 1904, LAW 1905, P: CC'53 ^.

DANIAL FAMILY SCHOLARSHIP FUND
(2021) Gift of Mojdeh Khaghan CC'88, LAW'91, P: CC'17.

DASWANI-PATEL FAMILY SCHOLARSHIP FUND
(2022) Gift of Sejal Daswani CC'95, SIPA'96 and Mohit Daswani CC'95.

HORACE E. DAVENPORT FUND
(1958) Gift of Horace E. Davenport CC 1929 ^.

VERA B. DAVID SCHOLARSHIP FUND
(1963) Bequest of Vera B. David.

A.M. DAVIS SCHOLARSHIP FUND
(1944) Gift of A.M. Davis ^.

AL DAVIS SCHOLARSHIP FUND
(2015) Gift of Hank Davis CC'63.

ARTHUR M. DAVIS SCHOLARSHIP FUND
(1989) Bequest of Arthur M. Davis CC 1924.

EDWIN F. DAVIS SCHOLARSHIP FUND
(1939) Bequest of Edwin F. Davis.

LISA AND STEPHEN DAVIS SCHOLARSHIP FUND

(2017) Gift of Stephen M. Davis CC'76, LAW'79.

THE PIRI AND NATE DAVIS FAMILY SCHOLARSHIP
(2005) Gift of Stacey R. and Eugene I. Davis CC'75, SIPA'76, LAW'80, P: CC'05, CC'07.

SARAH DAVIS FINANCIAL AID SCHOLARSHIP FUND
(1998) Gift of Hank Davis CC'63.

JUDGE ARCHIE DAWSON MEMORIAL SCHOLARSHIP FUND
(1964) Gift of various donors in memory of Archie Dawson CC 1921.

THE RAUL J. DE LOS REYES MEMORIAL SCHOLARSHIP FUND
(2005) Gift of Richard N. de los Reyes CC'97.

RICHARD AND DANIELA DE LOS REYES SCHOLARSHIP FUND
(2015) Gift of Richard N. de los Reyes CC'97.

HERBERT A. DEANE SCHOLARSHIP FUND
(1991) Bequest of Herbert A. Deane CC'42, GSAS'53.

THE DEBART SCHOLARSHIP FUND - COLUMBIA COLLEGE
(2002) Gift of J. Richard deBart GS'77.

DELOITTE AND TOUCHE SCHOLARSHIP GIFT
(2003) Gift of various donors.

LEONARDO C. AND MARY M. DE MORELOS SCHOLARSHIP FUND
(1999) Bequest of Leonardo C. De Morelos GSAS'54.

DEMA SCHOLARSHIP FUND
(2019) Gift of John K. Dema CC'67, BUS'70, LAW'70, P: CC'08, CC'09, LAW'12, LAW'13.

FRANK W. DEMUTH SCHOLARSHIP FUND
(1965) Bequest of Frank W. Demuth CC 1914, LAW 1916.

LELAND S. DENNING SCHOLARSHIP FUND
(2005) Bequest of Leland S. Denning CC'39.

ROBERT STEVEN DENNING SCHOLARSHIP FUND
(2008) Gift of Roberta B. and Steven A. Denning P: CC'06.

ROBERT STEVEN DENNING SCHOLARSHIP FUND
(2014) Gift of Roberta B. and Steven A. Denning P: CC'06 in honor of the 30th birthday of their son, Robert Steven Denning CC'06.

CARL W. DESCH SCHOLARSHIP FUND IN MEMORY OF KATHARINE W. DESCH
(1992) Gift of Carl W. Desch CC'37, GSAS'39 ^ in memory of his wife, Katharine Desch.

WILLIAM B. AND ALAN TAYLOR DEVOE SCHOLARSHIP FUND

(1985) Bequest of Edith T. Alexander in memory of her first husband, William Devoe CC 1906, and in memory of Alan Devoe.

WILLIAM AND IDA H. DEWAR FINANCIAL ASSISTANCE AND SCHOLARSHIP FUND

(1988) Bequest of Ida H. Dewar W: CC'16.

EDWARD WILSON DEWILTON SCHOLARSHIP FUND

(1974) Bequest of Rollo Linamore DeWilton CC 1910.

SIDNEY R. AND ARTHUR W. DIAMOND SCHOLARSHIP FUND

(1986) Gift of Arthur W. Diamond CC 1925, LAW 1926 ^ and Sidney R. Diamond CC 1920, LAW 1922 ^, P: GSAS'60, LAW'63.

LEONARD DICKSON SCHOLARSHIP FUND

(1962) Gift of the Dickson Foundation in memory of Leonard Dickson CC 1913.

GRACE AND JAMES DIGNAN FAMILY SCHOLARSHIP FUND

(2013) Gift of Grace and James H. Dignan CC'91, P: CC'26.

WILLIAM A.S. DOLLARD AND BERNARD F. KELLEY SCHOLARSHIP

(2001) Bequest of William A.S. Dollard CC 1924, GSAS 1926.

MARTIN DORSCH STUDENT ASSISTANCE FUND

(1978) Bequest of Martin Dorsch.

ROGER E. DOUNCE SCHOLARSHIP FUND

(2014) Bequest of Shirley A. Ingalls.

PAUL SEYMOUR DREUX SCHOLARSHIP FUND

(1984) Bequest of Paul S. Dreux CC 1918.

DRL FUND

(2010) Gift of an anonymous donor.

AVRAM DRORI SCHOLARSHIP FUND

(2010) Gift of Avram J. Drori CC'04, BUS'09.

ELIZABETH AND DANIEL DWYER SCHOLARSHIP FUND

(2010) Gift of Elizabeth A. Dwyer CC'92 ^.

THE DYCKMAN INSTITUTE SCHOLARSHIP FUND

(1943) Gift of the Dyckman Institute.

E

EDWARD MEAD EARLE SCHOLARSHIP FUND

(1954) Bequest of Edward Mead Earle.

DANIEL EASTMAN SCHOLARSHIP FUND

(1978) Bequest of Ida R. Eastman in memory of her son, Daniel Eastman.

BERIL EDELMAN MEMORIAL SCHOLARSHIP FUND

(1997) Gift of Joan Goody ^ in memory of her father, Beril Edelman CC 1924, SEAS 1926.

STANLEY EDELMAN SCHOLARSHIP FUND

(2000) Gift of Henry Nias Foundation.

DR. JAMES C. EGBERT MEMORIAL SCHOLARSHIP FUND

(1955) Gift of Lester D. Egbert CC 1914 ^ in memory of his father, James C. Egbert CC 1881.

JOHN S. AND SARAH STONE EHLINGER SCHOLARSHIP FUND

(2010) Gift of John S. Ehlinger CC'91, BUS'98, P: CC'26.

ADOLPHUS EHRLICH SCHOLARSHIP FUND

(2011) Bequest of Adolphus O. Ehrlich.

BURTT R. EHRLICH MEMORIAL FUND

(2017) Gift of various donors in memory of Burtt R. Ehrlich CC'61, BUS'62, P: CC'07.

THE ERIC EISNER SCHOLARSHIP FUND

(2010) Gift of Eric Eisner CC'70, LAW'73, P: CC'11.

ABIGAIL ELBAUM SCHOLARSHIP FUND

(2007) Gift of Abigail Black Elbaum CC'92, BUS'94.

DANIEL GIRAUD ELLIOT FUND

(1949) Bequest of Margaret Henderson Elliot.

THE DAVID AND ALICE ENG FAMILY SCHOLARSHIP FUND

(2007) Gift of Calvin Eng GSAS'71, Catherine Eng VPS'76, Eva Eng, and John Eng VPS'74.

SOLTON ENGEL NATIONAL SCHOLARSHIP FUND

(1950) Gift of Solton Engel CC 1916 ^.

JEREMY G. EPSTEIN '67 SCHOLARSHIP FUND

(2003) Gift of Jeremy G. Epstein '67 ^.

ESPOSITO-CRANDALL FAMILY SCHOLARSHIP FUND

(2010) Gift of Michele A. Esposito CC'96.

J. HENRY ESSER SCHOLARSHIP FUND

(2012) Gift of the Marion Esser Kaufman Foundation.

EXTER FAMILY SCHOLARSHIP FUND

(2011) Gift of Diane and Neil Exter P: CC'14, BUS'23.

F

MICHAEL AND JANE DIEHL FACKENTHAL SCHOLARSHIP AND FELLOWSHIP FUND

(1968) Bequest of Frank D. Fackenthal CC 1906 in memory of his parents, Jane and Michael Diehl Fackenthal P: CC 1906.

FALK WALLACE FAMILY SCHOLARSHIP FUND

(2010) Gift of Edward C. Wallace CC'71, P: CC'12, CC'14 and Pamela S. Falk LAW'92, P: CC'12, CC'14.

HAMEN AND PHYLLIS FAN FAMILY SCHOLARSHIP FUND

(2011) Gift of Phyllis M.W. and Hamen S.H. Fan P: CC'13, BUS'15.

FANG FAMILY SCHOLARSHIP FUND

(2011) Gift of Anna A. Fang-Hamm CC'04.

THOMAS AND FLORENCE FARKAS SCHOLARSHIP

(2002) Gift of Gail Farkas Munger.

STEPHEN FEALY SCHOLARSHIP

(2022) Gift of Stephen Fealy, MD CC'91, VPS'95.

GERALD FEINBERG MEMORIAL SCHOLARSHIP FUND

(2007) Bequest of Barbara J. Feinberg P: CC'92, CC'95, LAW'95 in memory of her husband, Gerald Feinberg CC'53, GSAS'54, GSAS'57, P: CC'92, CC'95, LAW'95.

PHILIP FELDMAN SCHOLARSHIP FUND

(1985) Bequest of Philip Feldman CC 1918.

SYLVIA FELLER AND LUCILLE KNIPE SCHOLARSHIP FUND

(2000) Gift of Matthew F. Feller CC'76, VPS'80.

FERGANG FAMILY SCHOLARSHIP FUND

(2009) Gift of Yale M. Fergang CC'87, SEAS'88.

E. ALVIN AND ELAINE M. FIDANQUE FUND

(1994) Bequest of E. Alvin Fidanque CC 1926.

FINK FAMILY SCHOLARSHIP FUND

(2016) Gift of Andrew A. Fink CC'91, LAW'94, P: CC'24.

CAROL AND JOHN FINLEY SCHOLARSHIP FUND

(2015) Gift of John G. and Carol T. Finley BC'83, LAW'86, BUS'87, P: CC'23.

PETER AND SUSAN FISCHBEIN FAMILY SCHOLARSHIP FUND

(2014) Gift of Susan G. Kaufman and Peter D. Fischbein CC'60, LAW'63, P: CC'16.

ANDREW L. FISHER '66 CC SCHOLARSHIP FUND

(2005) Gift of Phebe and Louis A. Goodman CC'65.

ELIZA AND CANNING FOK ENDOWED FUND FOR INTERNATIONAL STUDENT FINANCIAL AID

(2011) Gift of Canning Fok P: CC'13.

FORD/EEOC ENDOWMENT SCHOLARSHIP FUND - COLUMBIA COLLEGE

(2003) Gift of the Ford Motor Company.

SIDNEY FORSCH SCHOLARSHIP FUND

(1967) Gift of Josephine E. Forsch ^ in memory of her husband, Sidney Forsch CC 1906.

STEVEN P. AND MARGARET E. FORSTER SCHOLARSHIP FUND

(2015) Bequest of Harriet Forster in memory of Margaret E. and Steven P. Forster.

MABEL V.P. SMITH FORSYTH SCHOLARSHIP FUND

(1977) Bequest of Mabel V.P. Smith Forsyth.

GARY S. FRAGIN SCHOLARSHIP FUND

(1990) Gift of Gary S. Fragin SIPA'69, BUS'70, P: BUS'01, BUS'03, LAW'03.

JOHN AND MAY FRASER SCHOLARSHIP FUND

(1971) Bequest of Ian F. Fraser CC 1929, GSAS 1939.

JUDGE JOHN JOSEPH FREEDMAN SCHOLARSHIP FUND

(1995) Bequest of Josephine Van Zindt in memory of her father, John Freedman.

DORIS AND JESSE FREIDIN SCHOLARSHIP FUND

(1987) Gift of John S. Freidin CC'62, in memory of his parents, Doris and Jesse Freidin P: CC'62.

A. ALAN FRIEDBERG SCHOLARSHIP FUND

(1986) Gift of A. Alan Friedberg CC'53.

LAWRENCE N. FRIEDLAND SCHOLARSHIP FUND

(1991) Gift of Lawrence N. Friedland CC'47, LAW'49.

JACOB W. FRIEDMAN SCHOLARSHIP FUND

(1995) Gift of Jacob W. Friedman CC'33, LAW'35 ^.

ROBERT AND BARBARA FRIEDMAN SCHOLARSHIP FUND

(2010) Gift of Robert L. Friedman CC'64.

GORDON BROOKS FULCHER, JR. SCHOLARSHIP FUND

(2011) Gift of Eleanor L. Fulcher in memory of her brother, Gordon B. Fulcher, Jr. GS'61.

FUND DEVELOPMENT COUNCIL DC SCHOLARSHIP FUND

(2015) Gift of Nairi C. Balian CC'88, P: CC'16, CC'22, CC'23.

PHILIP FUSCO MEMORIAL SCHOLARSHIP FUND

(1992) Gift of various donors in memory of Philip R. Fusco CC'88.

G**GAGUINE SCHOLARSHIP FUND**

(1984) Gift of Benito Gaguine CC'32, LAW'34 ^, P: CC'69.

STUART GARCIA MEMORIAL SCHOLARSHIP FUND

(1987) Gift of various donors in memory of Stuart L. Garcia CC'84.

DOUGLAS B. GARDNER SCHOLARSHIP FUND

(2002) Gift of Neal L. Wolkoff CC'77, DM'18, BUS'22.

GEHRIG SCHOLARSHIP FUND

(1958) Gift of Mel Allen and various donors in honor of Lou Gehrig CC 1925 ^.

GEORGE AUGUSTUS GEIGER SCHOLARSHIP FUND

(1976) Bequest of Louise L. Geiger.

PATRICIA DYKEMA GEISLER SCHOLARSHIP FUND
(2022) Gift of Hasan Bazari CC'76, GSAS'78, GSAS'79,
P: CC'06, CC'10, Wendy Bazari BC'78, P: CC'06, CC'10,
Shirley Bow P: CC'05, CC'10, Wilson Ko CC'78, P: CC'05,
CC'10.

**GERMAN SOCIETY OF THE CITY OF NEW YORK
SCHOLARSHIP FUND**
(2002) Gift of the German Society of the City of New York.

WILLIAM HENRY GIBSON SCHOLARSHIP FUND
(1927) Gift of Honoro Gibson Pelton in memory of her father,
William Henry Gibson CC 1875.

**ARTHUR A. GLADSTONE ENDOWED SCHOLARSHIP
FUND**
(2009) Bequest of Arthur A. Gladstone CC'32, LAW'34.

JOSEPH E. GLASS, JR. SCHOLARSHIP FUND
(1996) Gift of Christopher K. Tahbaz CC'86, LAW'90 and
various donors in memory of Joseph Glass CC'86, SIPA'90.

THOMAS GLOCER SCHOLARSHIP FUND
(2013) Gift of Thomas H. Glocer CC'81.

**GM/EEOC ENDOWMENT SCHOLARSHIP FUND -
COLUMBIA COLLEGE**
(1984) Gift of General Motors/EEOC Endowed Scholarship
Program

ABRAHAM AND LEE GOLDEN SCHOLARSHIP FUND
(2011) Gift of Michelle Mercer and Bruce Golden CC'81.

GOLDEN FUTURE SCHOLARSHIP FUND
(2012) Gift of an anonymous donor.

CHARLES AND JANE GOLDMAN SCHOLARSHIP FUND
(1993) Gift of Charles N. Goldman CC'53, LAW'55.

GOLDSCHMIDT FAMILY SCHOLARSHIP FUND
(2010) Gift of Lawrence E. Goldschmidt CC'64, LAW'67, P:
SW'95, LAW'99, SIPA'04 and Beatrice C. Goldschmidt TC'41
^, W: CC'32, P: CC'64, LAW'67.

ERIC AND TAMAR GOLDSTEIN SCHOLARSHIP FUND
(2006) Gift of Eric S. Goldstein CC'80, P: CC'15, CC'18,
CC'25, BC'19, BUS'20.

THE CARTER GOLEMBE SCHOLARSHIP FUND
(1995) Gift of various donors in honor of Carter H. Golembe
CC'45, GSAS'52 ^.

JOHN P. GOMMES SCHOLARSHIP FUND
(2011) Gift of Thomas D. Gomme CC'98, LAW'02, JRN'06
in honor of his father, John P. Gomme P: CC'98, LAW'02,
JRN'06.

**ARAGON/GONZALEZ-GUISTI ENDOWED
SCHOLARSHIP FUND**

(2018) Bequest of Maria De Lourdes G. Aragon and Guillermo
E. Aragon CC'43.

EMANUEL GOODMAN SCHOLARSHIP FUND
(1989) Bequest of Emanuel Goodman JRN 1922.

DR. CHARLES GOODSTEIN '58CC SCHOLARSHIP
(2022) Gift of Catherine A. Goodstein and Ian Wallace.

ALAN GORNICK SCHOLARSHIP FUND
(1990) Gift of Alan L. Gornick CC'35, LAW'37 ^.

**EUGENE AND PHYLLIS GOTTFRIED SCHOLARSHIP
FUND**
(2013) Gift of Eugene L. Gottfried CC'50, VPS'54 and Phyllis
Swain Gottfried ^.

FRANKLIN AND IRENE GOULD SCHOLARSHIP FUND
(2015) Bequest of Franklin N. Gould CC'40.

**THE SARAH E. GRANT SCHOLARSHIP FUND AT
COLUMBIA COLLEGE**
(2007) Gift of Annette M. Grant BC'83, P: CC'12, CC'17,
CC'18, SEAS'20 and Geoffrey T. Grant SEAS'82, P: CC'12,
CC'17, CC'18, SEAS'20.

NICHOLAS GREAN SCHOLARSHIP FUND
(2020) Bequest of Patricia Grean W: CC'41, GSAS'61 in
memory of her son, Nicolas Grean.

**GREATER NEW YORK MUTUAL INSURANCE
COMPANY FUND**
(1967) Gift of the Greater New York Mutual Insurance
Company.

GREENWOODS SCHOLARSHIP FUND
(2021) Gift of George Jiang and Hua Tang P: CC'19, SEAS'23.

DONALD P. GREET FUND
(2018) Bequest of Donald P. Greet CC'53.

THE GEOFFREY E. GROSSMAN SCHOLARSHIP FUND
(2007) Gift of Geoffrey E. Grossman CC'08, GSAS'11.

THE MATTHEW C. GROSSMAN SCHOLARSHIP FUND
(2007) Gift of Matthew C. Grossman CC'05, GSAS'07.

**THE SHARON AND PETER GROSSMAN FAMILY
SCHOLARSHIP**
(2005) Gift of Sharon and Peter A. Grossman CC'79, P: CC'05,
CC'08, GSAS'07, GSAS'11.

PETER GRUENBERGER FAMILY SCHOLARSHIP FUND
(2000) Gift of Peter Gruenberger CC'58, LAW'61.

GRUENSTEIN FAMILY SCHOLARSHIP FUND
(2014) Gift of Nicole and David Gruenstein CC'77, P: CC'18.

WALTER GUENSCH SCHOLARSHIP FUND
(2001) Gift of Walter A. Guensch CC'39 ^.

LEE AND ELIZABETH GUITTAR SCHOLARSHIP FUND

(1994) Gift of Lee J. Guittar CC'53, GSAS'94 ^.

SUNIL K. GULATI SCHOLARSHIP FUND

(2012) Gift of an anonymous donor in honor of Sunil Gulati GSAS'83, GSAS'86, P: CC'20.

H. HAROLD GUMM AND ALBERT VON TILZER SCHOLARSHIP FUND

(1998) Bequest of H. Harold Gumm CC 1901, LAW 1904.

GURIAN FAMILY SCHOLARSHIP FUND

(2008) Gift of Lori Bikson-Gurian and Craig R. Gurian CC'79, LAW'83, GSAS'03, P: CC'13, LAW'17.

LAWRENCE GUSSMAN COLUMBIA COLLEGE SCHOLARSHIP FUND

(1987) Gift of Lawrence A. Gussman CC'37, SEAS'38, SEAS'39 ^, P: CC'64, BUS'68 in honor of the fiftieth anniversary of his graduation.

H

G. HENRY HALL FUND

(1915) Bequest of George Henry Hall.

SEWARD HENRY HALL SCHOLARSHIP FUND

(2002) Bequest of Seward Henry Hall CC'37, GSAS'39.

DAVID HALPERIN ATHLETIC SCHOLARSHIP FUND

(2018) Gift of David R. Halperin CC'65.

ALBERT J. HAMBRET FUND

(1969) Bequest of Albert J. Hambret.

ALEXANDER HAMILTON SCHOLARSHIP FUND

(2011) Gift of Peter N. Hiebert CC'71.

GEORGE HAMMOND SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(2004) Bequest of George Hammond CC 1928.

JINDUK HAN AND FAMILY SCHOLARSHIP FUND

(2011) Gift of Jinduk Han CC'85, P: CC'17, CC'19.

ELLEN KING HAND MEMORIAL FUND

(1941) Bequest of Oliver Kane Hand in memory of his mother, Ellen K. Hand.

HAO FAMILY SCHOLARSHIP FUND

(2015) Gift of Kenneth Hao.

JAMES RENWICK HARRISON SCHOLARSHIP FUND

(1936) Bequest of James R. Harrison CC 1917.

PROFESSOR C. LOWELL HARRISS SCHOLARSHIP FUND

(1988) Gift of Lowell G. Harriss CC'68, LAW'71, P: CC'99 in honor of his father, C. Lowell Harriss GSAS'40 ^, P: CC'68, LAW'71, BUS'72 ^, LAW'74, BUS'75, LAW'79.

VIRGINIA HARROLD SCHOLARSHIP

(2016) Gift of Thomas J. Harrold CC'66.

LAWRENCE S. HARTE SCHOLARSHIP FUND

(1991) Gift of Lawrence S. Harte CC'53, P: CC'88, BC'92, BUS'92.

THE PETER AND HILARY HATCH SCHOLARSHIP FUND

(2008) Gift of Hilary R. Hatch CC'92 and Peter A. Hatch CC'92.

PERCY D. HAUGHTON MEMORIAL FUND

(1926) Gift of Haughton Memorial Committee in memory of Percy D. Haughton.

HENRY FIELD HAVILAND SCHOLARSHIP FUND

(1988) Bequest of Henry F. Haviland SEAS 1902.

DEAN HERBERT E. HAWKES MEMORIAL FUND

(1943) Gifts of various donors in memory of Herbert E. Hawkes.

DEAN HERBERT E. HAWKES MEMORIAL SCHOLARSHIP FUND

(2005) Gift of Charles R. O'Malley CC'44 ^.

CHARLES HAYDEN MEMORIAL SCHOLARSHIP FUND

(1945) Gift of the Charles Hayden Foundation.

WILLIAM RANDOLPH HEARST FOUNDATION SCHOLARSHIP FUND

(1984) Gift of the William Randolph Hearst Foundation.

THE ROBERT M. HECKER SCHOLARSHIP FUND

(2009) Bequest of Robert M. Hecker CC'36, SEAS'36.

JOSEPH AND MARION HEFFERNAN SCHOLARSHIP FUND

(1987) Gift of William C. Heffernan CC'68.

HELLENIC STUDENT FUND

(2013) Gift of an anonymous donor.

M. AND M. HERMAN SCHOLARSHIP FUND

(1988) Gift of Paul R. Herman CC'58, LAW'61, P: CC'97, CC'98 in memory of his parents, Miriam R. and Murry S. Herman P: CC'58, LAW'61.

STEPHEN A. HERMIDES SCHOLARSHIP FUND

(1983) Bequest of Stephen A. Hermides.

RICHARD HERPERS MEMORIAL SCHOLARSHIP FUND

(1962) Gift of Mrs. Henry F. Herpers P: CC'38 in memory of her son, Richard Herpers CC'38.

DAVID B. HERTZ COLLEGE/ENGINEERING INTERSCHOOL SCHOLARSHIP FUND

(1989) Gift of David B. Hertz CC'39 ^.

OREN C. HERWITZ 1930 MEMORIAL ENDOWED SCHOLARSHIP FUND

(2009) Bequest of Mary E. Herwitz in memory of her husband, Oren C. Herwitz LAW'30.

ANDREW L. HERZ SCHOLARSHIP FUND

(1988) Gift of Andrew L. Herz CC'68, LAW'71.

ROBERT IRWIN HERZ MEMORIAL FUND

(1969) Gift of Fred S. Herz ^ P: CC'66 ^ in honor of his son, Robert I. Herz CC'66 ^.

ABRAM S. HEWITT MEMORIAL

(1948) Gift of Norvin H. Green CC 1919 ^ in memory of his grandfather Abram S. Hewitt CC 1842.

ABRAM S. HEWITT SCHOLARSHIP FUND

(1953) Gift of Norvin H. Green CC 1919 ^ in memory of his grandfather Abram S. Hewitt CC 1842.

PROFESSOR GEORGE W. HIBBITT MEMORIAL SCHOLARSHIP FUND

(1966) Gift of Thomas E. Bratter CC'61 ^, P: CC'87, CC'90 and other donors in memory of George Whiting Hibbitt.

RICHARD AND CHRISTIANE HIEGEL SCHOLARSHIP FUND

(2012) Gift of Richard J. Hiegel CC'56, LAW'62, P: GSAS'91, LAW'94.

NORMAN HILDES-HEIM FUND

(2013) Gift of the Hildes-Heim Foundation.

DAVID AND NANCY HILLIS SCHOLARSHIP FUND

(1988) Gift of Leslie D. Hillis CC'67, VPS'72.

MARI HINOJOSA & SEAN HECKER SCHOLARSHIP

(2022) Gift of Maria del Carmen Hinojosa and Sean Hecker CC'92.

FERNAND AND REBECCA HIRSCH SCHOLARSHIP FUND

(2005) Bequest of Frances M. Holding in memory of Rebecca and Fernand Hirsch.

PATRICIA ELLEN HIRSCH SCHOLARSHIP FUND

(1977) Gift of various donors in memory of Patricia E. Hirsch.

ALLAN HOBEN SCHOLARSHIP FUND

(2021) Gift of Allan Hoben CC'56.

CHARLES F. HOELZER JR., MEMORIAL SCHOLARSHIP FUND

(1980) Gift of various donors in memory of Charles F. Hoelzer CC'42.

HOFFEN FAMILY SCHOLARSHIP FUND

(2013) Gift of Sandra H. Kim Hoffen CC'87 and Howard I. Hoffen SEAS'85.

ROBERTA L. AND JOEL S. HOFFMAN SCHOLARSHIP FUND

(1996) Gift of Joel S. Hoffman CC'67, P: CC'05.

FRANK AND MARY HOGAN SCHOLARSHIP FUND

(1975) Gift of Mary R. Hogan ^ in memory of her husband, Frank Smithwick Hogan CC 1924, LAW 1928.

JUANITA AND JAMES DAVID HOLLAND SCHOLARSHIP FUND

(2020) Gift of Leesa and Martin Romo P: CC'22.

HONG KONG ALUMNI ASSOCIATION SCHOLARSHIP FUND

(1992) Gift of Columbia University Alumni Association (Hong Kong) Limited.

JAMES T. HORN SCHOLARSHIP FUND

(1938) Gift of Sarah L. Horn ^ and Mary T. Horn ^ in memory of their brother, James T. Horn.

DAVID H. HOROWITZ SCHOLARSHIP FUND

(1994) Gift of David H. Horowitz CC'48, LAW'50 ^.

ELISSA HOROWITZ SCHOLARSHIP FUND

(2004) Gift of Benjamin A. Horowitz CC'88, P: CC'11, CC'16.

FELICIA AND BEN HOROWITZ SCHOLARSHIP FUND

(2010) Gift of Benjamin A. Horowitz CC'88, P: CC'11, CC'16.

LIBBY HOROWITZ SCHOLARSHIP FUND

(1999) Gift of Donald J. Horowitz CC'56, P: CC'88 in honor of his mother, Libby Horowitz P: CC'56.

RUSSELL C. AND MELONEE A.R. HOROWITZ SCHOLARSHIP FUND

(2002) Gift of Melonee and Russell C. Horowitz CC'88, P: CC'26.

JENNIFER HSIA AND WAQAS SHAIKH FAMILY SCHOLARSHIP

(2021) Gift of Jennifer S. Hsia CC'06 and Waqas R. Shaikh SEAS'07.

CHARLES EUGENE HUBER, JR. M.D. SCHOLARSHIP FUND

(1970) Bequest of Francis D. Huber CC 1925, VPS 1928 in memory of his brother, Charles E. Huber, Jr.

FREDERICK W. HUBER SCHOLARSHIP FUND

(1924) Gift of Frederick W. Huber.

JOHN L. HUEMER SCHOLARSHIP FUND

(2008) Bequest of Kathleen W. Huemer P: CC'65 ^, CC'81, LS'70 ^ in memory of her son, John L. Huemer CC'65.

THE MICHAEL AND BETH HUGHES FAMILY ENDOWED SCHOLARSHIP FUND

(2008) Gift of Beth A. Hughes BUS'93 and Michael J. Hughes LAW'93.

HUMANITIES SCHOLARSHIP FUND IN HONOR OF JACQUES BARZUN

(1987) Gift of Vincent A. Carrozza CC'49 in honor of Jacques Barzun CC 1927, GSAS 1928, GSAS 1932 ^, P: VPS'66.

THE CRONIN HURST FAMILY SCHOLARSHIP

(2019) Gift of Christine C. Cronin CC'84.

HAROLD M. STEWART AND MARY STEWART HUTCHENS ENDOWMENT FUND

(2013) Bequest of Mary Stewart Hutchens.

FRANK AND JOSEPHINE HUTTER FAMILY SCHOLARSHIP FUND

(2020) Bequest of Frank J. Hutter CC'54, GSAS'56.

ALLEN HYMAN SCHOLARSHIP FUND

(2005) Gift of Valerie A. and Allen I. Hyman CC'55, P: CC'85, CC'88 ^, VPS'90.

ANDREW HYMAN AND MOLLY CHREIN SCHOLARSHIP FUND

(2007) Gift of Andrew D. Hyman CC'88 ^.

I**THE CASEY ICHNIOWSKI MEMORIAL FUND**

(2015) Gift of various donors in memory of Casey Ichniowski P: CC'07, CC'10, CC'18.

HELEN K. IKELER SCHOLARSHIP FUND

(1996) Bequest of Helen K. Ikeler GSAS 1928.

ANTHONY M. IMPARATO, M.D. SCHOLARSHIP FUND

(1988) Gift of Anthony M. Imparato CC'43.

MARGARET MILAM INSERNI SCHOLARSHIP FUND

(2016) Gift of Margarita Inserni P: CC'16.

INTERNATIONAL STUDENTS SCHOLARSHIP FUND

(2018) Gift of anonymous donors.

ORRIN C. ISBELL FUND

(1989) Bequest of Emily D. Isbell in memory of her husband, Orrin C. Isbell CC 1912, LAW 1914.

J**MARTIN D. JACOBS MEMORIAL FUND**

(1987) Gift of Stephen Jacobs CC'75 in memory of his father, Martin D. Jacobs CC 1925, LAW 1927, P: CC'75.

JACOBSON BERLINSKI FAMILY SCHOLARSHIP FUND

(2011) Gift of Britta Wilson Jacobson CC'96.

HOWARD I. JACOBY PRESIDENTIAL SCHOLARSHIP FUND

(1981) Bequest of Jacob J. Jacoby.

JAFFE FAMILY SCHOLARSHIP FUND

(1988) Gift of Henry Jaffe CC 1927, LAW 1929 ^, P: CC'88 in honor of his daughter, Rebecca Jaffe CC'88.

GEORGE M. JAFFIN SCHOLARSHIP FUND

(1986) Gift of George M. Jaffin CC 1924, LAW 1926 ^.

DOROTHEA JAMESON AND LEO M. HURVICH SCHOLARSHIP FUND

(2011) Bequest of Leo M. Hurvich.

JAVDAN FAMILY SCHOLARSHIP

(2022) Gift of David A. Javdan CC'90.

SARKIS JEBEJIAN SCHOLARSHIP

(2022) Gift of Sarkis Jebejian CC'91, LAW'94, P: CC'26.

THE LANCY C. JEN SCHOLARSHIP FUND

(2007) Gift of the Pei-Ling Charitable Trust.

JM SCHOLARSHIP FUND

(2009) Gift of an anonymous donor.

THE CLARENCE C. JOCHUM SCHOLARSHIP FUND

(1999) Gift of Clare Kim Plumridge in memory of her father, Clarence C. Jochum CC'30.

FREDERICK R. JOHNSON FUND

(1961) Gift of an anonymous donor in memory of Frederick R. Johnson.

PETER V. JOHNSON MEMORIAL SCHOLARSHIP FUND

(2017) Gift of various donors in memory of Peter V. Johnson ^ P: CC'01.

RICK AND LEE JOHNSON MEMORIAL SCHOLARSHIP FUND

(1987) Gift of Rick Johnson CC'71 ^ in memory of his father Lee Johnson and later renamed in his memory by his wife, WeiWei Du W: CC'71.

EDWARD W. JOHNSTON FUND

(1946) Bequest of Mary Mandeville Johnston in memory of Edward W. Scudder Johnson CC 1886, GSAS 1887 GSAS 1888.

AL JOLSON FUND

(1962) Bequest of Al Jolson.

CLAYTON E. JONES SCHOLARSHIP FUND

(2015) Gift of Clayton E. Jones CC'81, P: CC'17, CC'20.

MICHAEL E. JONES, M.D., AND CATHLEEN TRIGG-JONES FAMILY SCHOLARSHIP

(2019) Gift of Cathleen Trigg-Jones and Michael E. Jones CC'90, VPS'94.

THEODORE H. JOSEPH CLASS OF 1898 GRADUATE ASSISTANCE FUND

(1986) Bequest of Ruth G. Joseph in memory of her husband, Theodore H. Joseph CC 1896.

MIKE JUPKA, JR., MEMORIAL SCHOLARSHIP FUND

(1982) Gift of various donors in memory of Mike Jupka CC'80.

K**SIDNEY AND HELEN KADISH SCHOLARSHIP FUND**

(2022) Gift of Sidney Kadish CC'63, P: CC'96, CC'06.

THEODORE KAHAN SCHOLARSHIP FUND

(1990) Gift of Robert L. Kahan CC'69 in memory of Theodore Kahan CC 1920, P: CC'69.

ALAN R. KAHN FAMILY SCHOLARSHIP FUND
(1999) Gift of Alan R. Kahn CC'59, P: CC'95, GS'05.

PROCTOR WILLIAM E. KAHN SCHOLARSHIP FUND
(1986) Gift of various donors in memory of William E. Kahn P: CC'78.

THE KAISER FAMILY SCHOLARSHIP
(2010) Gift of Michael G. and Michelle E. Kaiser CC'87, PH'92, VPS'97, P: CC'20, CC'25.

EDWARD C. & ELIZABETH B. KALAJDZIAN SCHOLARSHIP
(2010) Bequest of Elizabeth B. and Edward C. Kalaidjian CC'42, LAW'47, P: CC'82.

KAMATH FAMILY SCHOLARSHIP FUND
(2014) Gift of Anantha N. and Sucheta A. Kamath P: CC'17, CC'20.

EFREM KAMEN SCHOLARSHIP
(2022) Gift of Efrem J. Kamen CC'01.

SANDRA AND MICHAEL KAMEN SCHOLARSHIP FUND
(2011) Gift of Michael W. Kamen CC'66, P: CC'01.

VICTOR V. KAMINSKI III MEMORIAL SCHOLARSHIP FUND
(2002) Gift of various donors in memory of Victor V. Kaminski CC'79.

LAMONT AND LEAH KAPLAN SCHOLARSHIP FUND
(1984) Gift of Martin S. Kaplan CC'61, P: CC'89, LAW'94, in honor of his parents, Leah E. and Lamont Kaplan P: CC'61.

THE ROBERT AND SHIRLEY KAPLAN AND JOSEPH AND HELEN KOHN SCHOLARSHIP FUND
(2007) Gift of Arthur H. Kohn CC'84, LAW'86, P: CC'13 and Ruth L. Kohn BC'84, P: CC'13.

RAVI KAPUR SCHOLARSHIP FUND
(1982) Gift of various donors in memory of Ravi Kapur CC'79.

JUDY AND JEANETTE KATEMAN MEMORIAL SCHOLARSHIP FUND
(1987) Gift of Paul R. Kateman CC'64 ^, P: CC'89, CC'93, LAW'92 in memory of his wife, Judith A.B. Kateman P: CC'89, CC'93, LAW'92, and mother, Jeanette Kateman P: CC'64.

SAMUEL AND VICKI KATZ SCHOLARSHIP FUND
(2015) Gift of Samuel L. Katz CC'86.

ALI KAY/ DILLER-VON FURSTENBERG FOUNDATION GIFT
(2016) Gift of Alison P. Kay CC'06.

RALPH KEEN SCHOLARSHIP FUND
(2001) Gift of Ralph Keen CC'79.

ELLWOOD WADSWORTH KEMP, JR., COLUMBIA COLLEGE CLASS OF 1919 MEMORIAL SCHOLARSHIP FUND
(1990) Bequest of Morris Kemp CC 1924, GSAS 1925, LS 1936 in memory of his brother, Ellwood W. Kemp CC 1919, LAW 1922.

THE ROBERT F. KEMP CC'82 MEMORIAL SCHOLARSHIP FUND
(2003) Gift of various donors in the Class of 1982 in memory of Robert F. Kemp CC'82.

GRACE BEACHEY KEMPER FUND
(1962) Bequest of Grace B. Kemper in memory of her parents, Clement Beachey and Elizabeth Probasco Beachey.

SIGMUND MARSHALL KEMPNER SCHOLARSHIP FUND
(1980) Gift of various donors in honor of Sigmund Marshall Kempner CC 1919 ^ for his 80th birthday.

MARGARETE E. KENNEDY ESTATE SCHOLARSHIP FUND
(2010) Bequest of Margarete E. Kennedy.

KATE KERKERING AND ALEX CHEN SCHOLARSHIP FUND
(2020) Gift of Alex Chen and Katrina M. Kerkering CC'83.

KERZNER SCHOLARSHIP FUND
(2011) Gift of Heather O'Brien Kerzner CC'91.

MOSSETTE AND HENRI KEYZER-ANDRE SCHOLARSHIP FUND
(1988) Gift of Henri Keyzer-Andre ^ and Mossette Keyzer-Andre VPS 1923 ^.

SEILAI KHOO MEMORIAL SCHOLARSHIP FUND
(2001) Gift of Solomon Henriques Gayle CC'85 in memory of his fiancée, Seilai Khoo CC'86.

KHOSROWSHAHI FAMILY SCHOLARSHIP FUND
(2014) Gift of Delia M. and Bijan Khosrowshahi P: CC'16, CC'18.

KIERANTIMBERLAKE SCHOLARSHIP FUND ON BEHALF OF RICHARD MAIMON'85
(2017) Gift of Richard L. Maimon CC'85.

KILLAM CANADIAN FUND
(2012) Bequest of Constance Killam and Elizabeth Killam Rodgers.

KILLOUGH (WALTER H.D.) FUND FOR ERASMUS HALL SCHOLARSHIPS
(1988) Bequest of Walter H. D. Killough in memory of his father, James H. Killough.

KIM FAMILY FUND
(2013) Gift of Sung H. Kim CC'90, BUS'97.

AHNA KIM SCHOLARSHIP FUND

(2018) Gift of Jihyun Yu and Yong Kim CC'93.

ARTHUR DAE KIM FAMILY SCHOLARSHIP FUND

(2020) Gift of Christine L. Ku and Arthur D. Kim CC'95, P: CC'23.

ROBIN-HWAJIN YOON KIM SCHOLARSHIP

(2021) Gift of Robin-Hwajin Y. Kim P: CC'23.

SANG AND BORAH KIM FAMILY SCHOLARSHIP FUND

(2014) Gift of Borah and Sang Kim CC'92, P: CC'25, CC'26.

THE MARK AND ANLA CHENG KINGDON FUND

(2005) Gift of Anla C. and Mark E. Kingdon CC'71, P: CC'09, CC'16.

GRAYSON KIRK SCHOLARSHIP FUND

(1982) Gift of various donors in honor of Grayson Kirk '53 HON ^.

KLINGENSMITH FAMILY SCHOLARSHIP FUND

(2016) Gift of Nancy A. and Robert V. Klingensmith CC'66.

KN SCHOLARSHIP FUND GIFT

(1995) Gift of Kallman Nashner BUS'37 ^.

JEFFREY D. KNOWLES SCHOLARSHIP

(2011) Gift of Jeffrey D. Knowles CC'71, P: CC'08.

LAWRENCE AND RUTH KOBRIN SCHOLARSHIP FUND

(1993) Gift of Lawrence A. Kobrin CC'54, LAW'57, P: CC'92, GSAS'96.

DR. RUTH M. KOCH SCHOLARSHIP FUND

(2006) Bequest of Ruth M. Koch.

KOD SCHOLARSHIP

(2021) Gift of Omar Kodmani CC'89, P: CC'23, CC'26 and Lina Kodmani BC'94, P: CC'23, CC'26.

HAROLD KORZENIK SCHOLARSHIP FUND

(1985) Gift of the Harold Korzenik Fund, Inc.

THE HAROLD AND ROSE KOVNER SCHOLARSHIP FUND

(2003) Gift of Rose Kovner ^ in memory of her husband, Harold Kovner CC 1923, LAW 1925.

DAVID H. KRAFT SCHOLARSHIP FUND

(1995) Gift of Gilman Kraft CC'47 ^.

ROBERT KRAFT FAMILY SCHOLARSHIP FUND

(1986) Gift of Robert K. Kraft CC'63, P: CC'94.

FREDERICK AND RICHARD KRAMER FAMILY SCHOLARSHIP FUND

(2019) Gift of Richard A. Kramer CC'87.

KRAMER ENDOWED SCHOLARSHIP FUND

(1965) Gift of the Kramer Foundation.

ROBERT J. KRANE AND JULIUS Y. GRAFF SCHOLARSHIP FUND

(1997) Gift of Robert J. Krane CC'63 ^, P: CC'04 and Diane Graff Krane BC'65, W: CC'63, P: CC'04 in honor of Diane's father, Julius Y. Graff P: BC'65, and later renamed in memory of Robert.

MARCY AND JOSH KREVITT SCHOLARSHIP FUND

(2013) Gift of Josh A. Krevitt CC'89 and Marcy Nislow Krevitt BC'90.

THE KRISBERG FAMILY SCHOLARSHIP

(2006) Gift of Brian C. Krisberg CC'81, LAW'84, P: CC'18, CC'22.

JOSEPH WOOD KRUTCH SCHOLARSHIP FUND #2

(1973) Gift of Marcelle L. Krutch ^ in memory of her husband, Joseph W. Krutch GSAS 1924, 1954 HON.

RICK KURNIT AND DIANE KATZIN SCHOLARSHIP FUND

(2008) Gift of Richard A. Kurnit CC'72.

THE KUNG AND YEUNG SCHOLARSHIP FUND

(2011) Gift of Ann Y. and Kenneth C.P. Kung P: CC'11, CC'19.

PAUL SAMUEL KURZWEIL SCHOLARSHIP FUND

(1996) Gift of Harvey Kurzweil CC'66, LAW'69, P: CC'95 ^, CC'00, LAW'97.

KUMA/KUZNETSOV SCHOLARSHIP FUND

(2017) Gift of Olga L Malova and Vladimir V. Kuznetsov SIPA '90, SIPA'91, P: CC'19.

L

LAACU ENDOWED SCHOLARSHIP FUND

(2015) Gift of various donors.

PREM LACHMAN SCHOLARSHIP FUND

(2009) Gift of Joyce F. and Prem A. Lachman CC'82.

AMNON AND Yael LANDAN SCHOLARSHIP FUND

(2012) Gift of Amnon M. and Yael Landan P: CC'10, CC'17, SEAS'07.

NORMAN JOSEPH LANDAU SCHOLARSHIP FUND

(1999) Gift of Lisa L. Carnoy CC'89, P: CC'26 in memory of her father, Norman J. Landau P: CC'89.

JERRY G. LANDAUER SCHOLARSHIP FUND

(1981) Gift of various donors, and bequest of Jerry G. Landauer CC'53.

PATRICIA LANDMAN AND DANIELLE LANDMAN MEMORIAL FUND

(2007) Bequest of Shirley Landman.

DENNIS '71, SUSAN, WILLIAM '04 AND THOMAS '08 LANGER SCHOLARSHIP FUND

(2001) Gift of Susan F. and Dennis H. Langer CC'71, P: CC'04, CC'08.

**CHRISTOPHER JOHN LANNI MEMORIAL
SCHOLARSHIP**

(2021) Gift of Cornelia L. Gallo CC'88, John Gallo and Peter C. Lanni.

**GEORGE R. LANYI MEMORIAL FOUNDATION
SCHOLARSHIP FUND**

(1992) Gift of Andrew A. Lanyi in memory of his son, George R. Lanyi.

PETER I. B. LAVAN SCHOLARSHIP FUND

(1983) Gift of Peter I.B. Lavan CC 1915, LAW 1918 ^.

**JONATHAN AND JEANNE LAVINE SCHOLARSHIP
FUND**

(2011) Gift of Jonathan S. Lavine CC'88, P: CC'16, CC'18.

**THE GEORGE AND EVA KOONS LAVOLIS
SCHOLARSHIP FUND IN MEMORY OF EVE'S PARENTS
BY DR. MARTIN RAYMOND AND EVE LEWELLIS
LEBOWITZ**

(1995) Gift of Eve Lebowitz ^.

PAUL LAZARE SCHOLARSHIP FUND

(1987) Gift of Paul L. Lazare CC'36 ^.

HARRY R. LEA SCHOLARSHIP FUND

(1993) Bequest of Harry R. Lea BUS 1925.

ESTELLE LEAVY SCHOLARSHIP FUND

(1984) Bequest of Estelle Leavy.

THE LEE FAMILY SCHOLARSHIP FUND

(2008) Gift of Jay Hyun Lee P: CC'08, CC'13.

DANNY L. LEE SCHOLARSHIP FUND

(2016) Gift of Danny L. Lee CC'95.

FRANK LAMPSON LEE SCHOLARSHIP FUND

(1987) Gift of Frank H. Lee GSAS'32 ^, P: CC'50 in memory of his son, Frank L. Lee CC'50.

**GRANVILLE WHEELER LEE, SR., CLASS OF 1931,
MEMORIAL SCHOLARSHIP FUND**

(1997) Gift of Granville Wheeler Lee and Mildred Kimble Lee W: CC'31 in memory of their father and husband respectively, Granville W. Lee CC'31.

KAI-FU AND SHEN-LING LEE SCHOLARSHIP FUND

(2008) Gift of Kai-Fu Lee CC'83, P: CC'12.

K. C. LEE SCHOLARSHIP FUND

(2009) Gift of Rupert X. Li CC'84.

MICHAEL LEE FAMILY SCHOLARSHIP FUND

(2021) Gift of Michael Lee CC'96.

SUNG AND FUMI LEE SCHOLARSHIP FUND

(2018) Gift of Sung Lee BUS'94.

**ROBERT AND ALISON LEE FAMILY SCHOLARSHIP
FUND**

(2013) Gift of Allison and Robert Lee CC'84, P: CC'22.

ERWIN H. LEIWANT SCHOLARSHIP FUND

(1991) Gift of Irene K. Leiwant LS'70, W: CC'41, P: CC'71, CC'74, LAW'71 in memory of her husband, Erwin H. Leiwant CC'41, P: CC'71, CC'74, LAW'71, on the fiftieth anniversary of his graduation.

NICHOLAS LEONE FAMILY SCHOLARSHIP FUND

(2014) Gift of Nicholas P. Leone CC'88, P: CC'19, CC'22, CC'24.

HAROLD LEVENTHAL SCHOLARSHIP FUND

(2010) Gift of Judith A. Miller and Peter Buscemi CC'69, LAW'76.

THE LEVINE FAMILY SCHOLARSHIP FUND

(2004) Gift of Karen and Joseph H. Levine CC'76, P: CC'07, GSAS'12, GSAS'13, VPS'14.

LEONARD LEVINE SCHOLARSHIP FUND

(1984) Gift of Rachelle Levine ^ in memory of her husband, Leonard Levine BUS 1921.

JOHN TAYLOR LEWIS SCHOLARSHIP FUND

(1979) Gift of various donors in memory of John T. Lewis CC'74.

GE LI AND NING ZHAO SCHOLARSHIP FUND

(2022) Gift of Ge Li GSAS'90, GSAS'93, GSAS'94 and Ning Zhao GSAS'92, GSAS'95, GSAS'95.

THE KUO-LIANG LIN SCHOLARSHIP

(2019) Gift of Tina Lin CC'91, VPS'96 and David Liu CC'91, GSAS'97, GSAS'98, VPS'00.

SALLY LIPPER MEMORIAL SCHOLARSHIP

(1993) Gift of Kenneth Lipper CC'62 in memory of his mother, Sally Lipper P: CC'62.

LOU LITTLE SCHOLARSHIP FUND

(1979) Gift of various donors in honor of Lou Little ^.

**CATHERINE LIVINGSTON AND FRANK GORDON
SCHOLARSHIP FUND**

(1998) Bequest of James L. Gordon CC'31.

FRANK A. LLOYD, JR. SCHOLARSHIP FUND

(2012) Bequest of Frank A. Lloyd, Jr. CC'45, GSAS'54.

HARRY LEON LOBSENZ SCHOLARSHIP FUND

(1962) Gift of the Harry L. Lobsenz Foundation.

DANIEL S. LOEB SCHOLARSHIP FUND

(2010) Gift of Daniel S. Loeb CC'83.

**JAMES J. AND JOVIN C. LOMBARDO SCHOLARSHIP
FUND**

(1996) Gift of James J. Lombardo CC'71 and Jovin C. Lombardo CC'61, P: CC'04, CC'06.

**THE BENJAMIN B. AND BETSY A. LOPATA
SCHOLARSHIP FUND**

(2000) Gift of Benjamin B. Lopata CC'72, P: CC'06, CC'08.

**FRANK AND VICTOR LOPEZ-BALBOA SCHOLARSHIP
FUND**

(2007) Gift of Francisco J. Lopez-Balboa CC'82, P: CC'13, CC'15 and Victor M. Lopez-Balboa CC'82, P: CC'14, CC'18 in honor of the twenty-fifth anniversary of their graduation.

LORENZO FAMILY SCHOLARSHIP FUND

(1992) Gift of Francisco A. Lorenzo CC'61, P: BUS'12.

**OLEGARIO LORENZO MEMORIAL SCHOLARSHIP
FUND**

(1986) Gift of Francisco A. Lorenzo CC'61, P: BUS'12 in memory of his father, Olegario Lorenzo P: CC'61.

**IRWIN AND MARIANETTE L. LOWELL SCHOLARSHIP
FUND**

(2004) Bequest of Irwin E. Lowell CC 1927.

LI LU '96 SCHOLARSHIP FUND

(2015) Gift of Li Lu CC'96, BUS'96, LAW'96.

**STANLEY B. AND JUDITH M. LUBMAN SCHOLARSHIP
FUND**

(1998) Gift of Judith M. and Stanley B. Lubman CC'55, LAW'58, LAW'59, LAW'70.

**A. LEONARD LUHBY CLASS OF 1938 SCHOLARSHIP
FUND**

(2004) Gift of Sarah Luhby W: CC'38, P: CC'92, JRN'97 in memory of her husband, A. Leonard Luhby CC'38, P: CC'92, JRN'97.

LUI FAMILY SCHOLARSHIP

(2011) Gift of Frederick Lui P: CC'15.

**LYON STUDENT SCHOLARSHIP FUND FOR COLUMBIA
COLLEGE**

(1962) Bequest of John Henry Hobart Lyon CC 1897 in memory of his father, Sylvanus Lyon.

M

M&BG SCHOLARSHIP FUND

(2006) Gift of an anonymous donor.

RICHARD C. AND LINAN MA SCHOLARSHIP FUND

(2017) Gift of Eric Ma CC'89, BUS'93, P: CC'22.

THOMAS MACIOCE SCHOLARSHIP FUND

(1986) Gift of Edwin W. Rickert CC'36 ^ and various donors in honor of Thomas M. Macioce CC'39, LAW'42 ^.

THE MADDON FAMILY SCIENCE SCHOLARSHIP FUND

(2011) Gift of Paul J. Maddon CC'81, GSAS'85, GSAS'88, VPS'89.

DR. LEO C. MAITLAND SCHOLARSHIP FUND

(2012) Gift of Tracy V. Maitland CC'82, P: CC'24.

MALIN-SERLE FAMILY SCHOLARSHIP FUND

(2011) Gift of Janet B. Serle and Ira B. Malin CC'75, P: CC'11, CC'17.

DONALD LEE MARGOLIS SCHOLARSHIP FUND

(1988) Gift of Donald L. Margolis CC'63, BUS'65.

**JAMES, DONALD, AND EMILY MARGOLIS
SCHOLARSHIP FUND**

(1993) Gift of Donald L. Margolis CC'63, BUS'65.

ALFRED E. MARLING SCHOLARSHIP FUND

(1938) Bequest of Alfred E. Marling.

HERBERT MARK '42 MEMORIAL SCHOLARSHIP FUND

(2007) Gift of various donors in memory of Herbert Mark CC'42, P: JRN'82.

**MARSHALL D. AND KATHERINE S. MASCOTT
ENDOWED SCHOLARSHIP**

(2007) Bequest of Katherine S. and Marshall D. Mascott CC'48.

DR. JEROME & CORA MARKS SCHOLARSHIP FUND

(2012) Bequest of Cora M. Marks.

MAROULIS FAMILY SCHOLARSHIP FUND

(2019) Gift of Victoria F. and James C. Maroulis CC'88, P: CC'21, CC'26, GSAS'22.

MICHAEL D. MARTOCCI SCHOLARSHIP FUND

(2000) Bequest of Helen Martocci P: CC'58 in memory of her son, Michael D. Martocci CC'58.

THE AARON LEO MAYER SCHOLARSHIP FUND

(2007) Bequest of Lillian C. Mayer P: CC'56, LAW'59.

R. EDWARD MAYER FUND

(1934) Gift of Ralph Mayer ^ in memory of his father, Ralph E. Mayer CC 1927.

BARBARA MAZUR SCHOLARSHIP FUND

(1999) Gift of Ilana B. Mazur SW'86 and Marc B. Mazur CC'81 P: CC'12, CC'15 in memory of their mother, Barbara Mazur P: CC'81, SW'86.

LOUIS K. MCCLYMONDS SCHOLARSHIP FUND

(1926) Bequest of Annie M. McClymonds in memory of her husband, Louis K. McClymonds.

DOUGLAS H. MCCORKINDALE SCHOLARSHIP FUND

(1987) Gift of Douglas H. McCorkindale CC'61, LAW'64.

PAUL C. MCCORMICK SCHOLARSHIP FUND

(2010) Gift of Paul C. McCormick CC'78, VPS'82, VPS'89, PH'00, P: CC'10, CC'14, CC'22, GS'12, GS'16, VPS'16, VPS'20.

WILLIAM MCDAVID SCHOLARSHIP FUND

(2008) Gift of William H. McDavid CC'68, P: CC'08, CC'10, CC'14, GS'17.

MCFARLAND SCHOLARSHIP FUND

(2018) Gift of Andrew R. McFarland CC'91.

PATRICK AND YVETTE MCGARRIGLE COLLEGE SCHOLARSHIP

(2011) Gift of Patrick C. McGarrigle CC'86.

NICHOLAS MCDOWELL MCKNIGHT SCHOLARSHIP FUND

(1962) Bequest of Carl J. McKnight.

SPENCER J. MCGRADY SCHOLARSHIP FUND

(1994) Bequest of Spencer J. McGrady CC'39.

MABEL C. MEAD FUND

(1958) Bequest of Mabel C. Mead.

ROI COOPER MEGRUE FUND

(1928) Bequest of Stella Cooper Megrue in memory of her son Roi Cooper Megrue CC 1903.

MEHTA FAMILY (CC) SCHOLARSHIP FUND

(2020) Gift of Jay M. Mehta SEAS'83, P: CC'23, CC'26.

LILAVATI H. MEHTA SCHOLARSHIP FUND

(2015) Gift of an anonymous donor.

RAPHAEL MEISELS SCHOLARSHIP FUND

(1985) Gift of Raphael Meisels CC 1921 ^.

MELCHER FAMILY FUND

(2015) Gift of James L. Melcher CC'61, P: CC'90.

JAMES L. MELCHER AND DR. APRIL ANN BENASICH SCHOLARSHIP FUND

(2007) Gift of James L. Melcher CC'61, P: CC'90.

EDWARD G. MENAKER SCHOLARSHIP

(2020) Gift of Richard Menaker CC'69.

SAMUEL AND BLANCHE MENDELSON MEMORIAL SCHOLARSHIP FUND

(1983) Gift of Laurans A. Mendelson CC'60, BUS'61, P: CC'87, CC'89, BUS'89.

MESHEL FAMILY SCHOLARSHIP FUND

(2011) Gift of Adam R. Meshel CC'92, LAW'95, P: CC'18, CC'23.

CHARLES AND JEANNE METZNER SCHOLARSHIP FUND

(2013) Bequest of Jeanne Metzner .

ASENATH KENYON AND DUNCAN MERRIWETHER SCHOLARSHIP FUND

(1991) Bequest of Duncan Merriwether CC 1928, BUS 1928, P: BUS'56, BUS'67.

LILLIAN S. MICHAELSON SCHOLARSHIP FUND

(1989) Gift of Alvin S. Michaelson CC'60.

JOSEPH S. MICH TOM SCHOLARSHIP FUND

(1948) Bequest of Joseph Stewart Michtom.

THE IRA I. MILLER FAMILY ENDOWED SCHOLARSHIP FUND

(2004) Gift of Edward J. Miller CC'73, Howard Miller CC'76, BUS'78, Robert J. Miller CC'76 and Stephen Miller CC'69, GSAS'70.

JAMES MILLER SCHOLARSHIP FUND

(2013) Gift of James H. Miller CC'70.

MAX MILLER SCHOLARSHIP FUND

(1989) Gift of Warren R. Stern CC'74 in memory of his wife's grandfather, Maxim D. Miller.

MILLER-HEDIN FAMILY SCHOLARSHIP

(2008) Gift of Evan Miller CC'78.

MEREDITH G. MILSTEIN SCHOLARSHIP FUND

(2011) Gift of Meredith G. Milstein CC'09, BUS'17.

THE PHILIP AND CHERYL MILSTEIN SCHOLARSHIP FUND

(1987) Gift of Philip L. Milstein CC'71, P: CC'09, CC'10, BC'14, BUS'17 and Cheryl S. Milstein BC'82, P: CC'09, CC'10, BC'14, BUS'17.

SEYMOUR MILSTEIN SCHOLARSHIP FUND

(2002) Gift of Philip Milstein CC'71, P: CC'09, CC'10, BC'14, BUS'17.

THOMAS AND JOY MISTELE SCHOLARSHIP FUND

(2008) Gift of C. Joy and Thomas M. Mistele P: CC'10.

JOHN P. MITCHEL MEMORIAL FUND

(1940) Bequest of Mary Purroy Mitchel in memory of her husband, John Purroy Mitchel CC 1899.

VIJAY AND AUDREY MOHAN FAMILY SCHOLARSHIP FUND

(2018) Gift of Audrey Y.C. Mohan CC'01 and Vijay Mohan CC'01.

MOFFAT SCHOLARSHIP FUND

(1862) Gift of William B. Moffat.

FREDERICK B. MONELL, JR. AND HELEN P. MONELL SCHOLARSHIP FUND

(1983) Gift of Helen P. Monell ^.

ELIZABETH WILMA MONTGOMERY SCHOLARSHIP FUND

(1986) Gift of William E. Collin CC 1924 ^.

DR. ROYAL M. MONTGOMERY SCHOLARSHIP FUND

(1992) Gift of Maxine C. Montgomery ^ in honor of her husband, Royal M. Montgomery CC 1928, VPS 1931 ^.

SIDNEY MORGENBESSER MEMORIAL FUND

(2005) Gift of various donors in memory of Sidney Morgenbesser.

DR. ARTHUR M. MORRIS SCHOLARSHIP FUND

(2020) Gift of Arthur M. Morris CC'61.

JOHN & MICHELLE MORRIS FAMILY FUND

(2020) Gift of John G. Morris BUS'94.

JAMES P. MORRISON SCHOLARSHIP FUND

(1973) Gift of James P. Morrison CC'30 ^, P: CC'63 ^ in memory of his son, Peter N. Morrison CC'63.

DAISY IRENE LUTZ MORSE MEMORIAL FUND

(2005) Bequest of Elizabeth B. Morse GSAS'34 and Herbert C. Morse GSAS'41, GSAS'73.

CLARA W. MOSSLER SCHOLARSHIP FUND

(1999) Bequest of Harold M. Mossler in memory of his mother, Clara W. Mossler.

THOMAS L. MOUNT SCHOLARSHIP FUND

(2009) Bequest of Thomas L. Mount CC'30.

MOXIE'S CREATIVE INTELLECT SCHOLARSHIP FUND

(2014) Gift of Marian F.H. Wright CC'90 in memory of her mother, Nonya Rhoads Stevens Wright P: CC'90.

MOYLAN-MEYERDIRK FAMILY SCHOLARSHIP

(2021) Gift of Heather Moylan Meyerdirk CC'06.

MUKHERJEE-RUSSELL MEMORIAL FUND

(2010) Gift of Tanmoy Mukherjee CC'86.

GLADYS H. MUÑOZ SCHOLARSHIP FUND

(1996) Gift of Carlos R. Muñoz CC'57, GSAS'61.

STAN MUSIAL SCHOLARSHIP FUND

(1962) Gift of various donors in honor of Stan Musial.

N

THOMAS A. NACLERIO SCHOLARSHIP FUND

(2000) Bequest of Thomas A. Naclerio CC'33.

ALI NAMVAR SCHOLARSHIP FUND

(2011) Gift of Ali Namvar CC'91.

JON NARCUS SCHOLARSHIP FUND

(2004) Gift of John S. Freidin CC'62, Burton Lehman CC'62, LAW'65 and Jerry I. Speyer CC'62, BUS'64, P: CC'92, LAW'93.

AMERICO C. NARDIS SCHOLARSHIP FUND

(2008) Gift of Americo C. Nardis CC'98.

MURRAY AND BELLE NATHAN SCHOLARSHIP ENDOWMENT

(2011) Bequest of Belle C. and Murray L. Nathan CC'34, GS'41.

NAWN FAMILY SCHOLARSHIP FUND

(2013) Gift of Christopher M. and Lori D. Nawn P: CC'16.

THE NAYYAR FAMILY SCHOLARSHIP FUND

(2013) Gift of Ashok Nayyar CC'85, P: CC'20.

THOMAS B. NEFF SCHOLARSHIP FUND

(1969) Gift of Thomas B. Neff CC'51, BUS'52 ^.

THE CHARLES E. AND DOROTHY C. NEWLON SCHOLARSHIP FUND

(2010) Bequest of Charles E. Newlon SEAS'42.

THE JEFFREY NEWMAN SCHOLARSHIP FUND

(2015) Bequest of Jeffrey A. Newman CC'67, LAW'71, P: CC'02, CC'04.

JEROME A. NEWMAN SCHOLARSHIP FUND

(1956) Gift of Jerome A. Newman CC 1917, LAW 1919 ^ in honor of the fortieth anniversary of his graduation.

NG TENG FONG SCHOLARSHIP FUND

(2011) Gift of Daryl Win-Kong Ng CC'01, GSAPP'10.

NG TENG FONG SCHOLARSHIP FUND

(2005) Gift of Robert Chee-Siong Ng P: CC'01, CC'03, CC'12, CC'14, GSAPP'10.

LOUIS AND MARINA NICHOLAS SCHOLARSHIP FUND

(1998) Gift of Socrates Nicholas CC'56.

9/11 MEMORIAL FUND SCHOLARSHIP

(2002) Gift of Robert Berne CC'60, BUS'62; Mark E. Kingdon CC'71, P: CC'09, CC'16; Philip L. Milstein CC'71, P: CC'09, CC'10, BC'14, BUS'17; Richard E. Witten CC'75, P: CC'10, BUS'15, LAW'15; and various donors in memory of Richard A. Aronow CC'75, Robert M. Murach CC'78, John B. Fiorito CC'82, Seilai Khoo CC'86, Brian P. Williams CC'94, Joseph A. Della Pietra CC'99, Brooke A. Jackman CC'00, and Tyler V. Ugolyn CC'01.

ADRIANE NOCCO SCHOLARSHIP FUND

(2010) Gift of Frank P. Nocco CC'85, LAW'88 in honor of his mother, Adriane G. Nocco P: CC'85, LAW'88.

DAVID NORR, CLASS OF 1943 SCHOLARSHIP FUND

(1981) Gift of David Norr CC'43, BUS'48 ^.

NORRY FAMILY SCHOLARSHIP FUND FOR THE COLLEGE

(1984) Gift of Neil J. Norry CC'59 ^, P: CC'85, LAW'86 in honor of the twenty-fifth anniversary of his graduation.

O

EUGENE V. OEHLERS SCHOLARSHIP FUND

(1994) Bequest of Josephine M. Yacavone in honor of Eugene V. Oehlers CC 1920 ^.

ALFRED OGDEN FUND

(1989) Bequest of Alfred Ogden CC 1909, LAW 1912.

SANDRA A. AND LEWIS P. (CC'36) OGLE SCHOLARSHIP FUND

(2004) Bequest of Sandra A. and Lewis P. Ogle CC'36.

OMAR FAMILY SCHOLARSHIP FUND

(2016) Gift of Maha A. and Sharif Omar P: CC'16.

GIDEON H. OPPENHEIMER SCHOLARSHIP FUND

(1971) Bequest of Gideon H. Oppenheimer CC'47, LAW'49.

GEORGE M. ORPHANOS SCHOLARSHIP FUND

(2007) Bequest of George M. Orphanos CC'59.

BLANCHE WITTES OSHEROV SCHOLARSHIP FUND

(2004) Bequest of Blanche W. Osheroov GS'49, GSAS'52.

JENNIFER MAXFIELD OSTFELD AND SCOTT D. OSTFELD FAMILY SCHOLARSHIP FUND

(2014) Gift of Jennifer M. Ostfeld CC'99, JRN'00 and Scott D. Ostfeld CC'98, BUS'02, LAW'02.

OUZOUNIAN FAMILY SCHOLARSHIP FUND

(2014) Gift of Souren G. Ouzounian CC'89.

OZ FAMILY SCHOLARSHIP FUND

(2009) Gift of Lisa J. and Mehmet C. Oz P: CC'12.

OZALTIN FAMILY SCHOLARSHIP FUND

(2010) Gift of Nuri Ozaltin ^.

P**PACKER-BAYLISS SCHOLARS**

(2001) Gift of M. Jerome and Marie Packer in honor of Geoffrey C. Bayliss CC'82.

STELIOS AND ESPERANZA PAPADOPOULOS SCHOLARSHIP FUND

(2005) Gift of Esperanza and Stelios Papadopoulos P: CC'07.

EMANUEL M. PAPPER AND PATRICIA M. SCHOLARSHIP FUND

(2002) Bequest of Emanuel M. Papper CC'35, '88 HON.

MAX PAPPER SCHOLARSHIP FUND

(1961) Gift of Lillian M. Jaffe; Emanuel M. Papper CC'35, '88 HON ^; and Solomon Papper CC'42 ^.

MONTONE PARDI FAMILY SCHOLARSHIP FUND

(2017) Gift of Victor A. Pardi CC'86, DM'90, DM'92 and Antje and PeterPaul Pardi P: CC'18.

JOHN AND MINNIE PARKER NATIONAL SCHOLARSHIP FUND GIFT

(1960) Gift of Minnie Parker Charitable Trust.

HERBERT AND JEANETTE PEARL SCHOLARSHIP FUND

(1997) Gift of Richard E. Pearl CC'69.

ROBERT I. PEARLMAN SCHOLARSHIP FUND - CC

(1989) Gift of Robert I. Pearlman CC'55, SEAS'55, SEAS'56.

B. DAVID AND ROSANN PECK SCHOLARSHIP FUND

(1989) Gift of Barry D. Peck CC'59, P: CC'91, GSAPP'91.

ROBERT L. PELZ SCHOLARSHIP FUND

(1989) Gift of Robert L. Pelz CC'39, LAW'42 ^.

ANTHONY PENALE SCHOLARSHIP FUND

(1996) Bequest of Anthony G. Penale GSAS'49.

HERBERT C. PENTZ SCHOLARSHIP FUND

(2002) Bequest of Herbert C. Pentz CC 1922, LAW 1924.

DR. M. MURRAY AND LILLIAN PESHKIN SCHOLARSHIP FUND

(1991) Bequest of Lillian R. Peshkin.

DR. NIS A. PETERSEN SCHOLARSHIP FUND

(2008) Bequest of Nis A. Petersen CC'51, SIPA'54.

WILLIAM E. PETERSEN SCHOLARSHIP FUND

(1992) Gift of William E. Petersen CC 1927, BUS 1928, 1980 HON ^, P: CC'68, BUS'73.

THE PETITO FAMILY SCHOLARSHIP FUND

(2007) Gift of Paula K. and Dominic A. Petito CC'77, P: CC'13.

PFEFFER FAMILY INTERNATIONAL SCHOLARSHIP FUND

(2021) Gift of John and Maria Pfeffer.

MATT PINCUS CC'95 SCHOLARSHIP FUND

(2022) Gift of Matt Pincus CC'95, BUS'02 and Sarah Min BUS'02.

MARY ELLEN AND BRUCE EBEN PINDYCK SCHOLARSHIP FUND

(1981) Gift of Bruce E. Pindyck CC'67, LAW'70, BUS'71, P: CC'03, JRN'15 and Mary Ellen Pindyck LAW'73, GSAPP'75, P: CC'03, JRN'15.

FRANK R. PITT SCHOLARSHIP FUND

(1967) Gift of Frank R. Pitt CC'28, LAW'30 ^.

FRANK R. PITT SCHOLARSHIP FUND

(2000) Bequest of Frank R. Pitt CC 1928, LAW 1930.

PLANALP TREVOR FAMILY SCHOLARSHIP FUND

(2010) Gift of Stephen S. Trevor CC'86 and Ronnie D. Planalp BUS'86.

ELVIRA AND HAROLD POLLACK MEMORIAL SCHOLARSHIP FUND

(1998) Bequest of Roy H. Pollack SEAS'50 in memory of his parents, Elvira and Harold Pollack P: SEAS'50.

POLTON FAMILY SCHOLARSHIP FUND

(2021) Gift of Richard E. Polton CC'70.

FRED P. POMERANTZ FOUNDATION SCHOLARSHIP FUND

(1965) Gift of Fred P. Pomerantz.

LOUIS JOHN POPPER SCHOLARSHIP FUND

(1991) Bequest of Louis J. Popper CC 1918.

PETER POUNCEY SCHOLARSHIP FUND

(1992) Gift of Daniel L. Dolgin CC'74, LAW'77 in honor of Peter R. Pouncey GSAS'69, P: CC'00, SOA'08.

LEONARD PRICE SCHOLARSHIP FUND

(2006) Bequest of Leonard Price CC 1928.

MARIE, CHARLES, AND WALTER PROBST MEMORIAL SCHOLARSHIP FUND

(1968) Bequest of Marie Probst.

PULITZER SCHOLARS FUND

(1958) Gift of former Pulitzer Scholars.

JOSEPH PULITZER SCHOLARSHIP FUND A

(1902) Gift of Joseph Pulitzer '52 HON ^.

JOSEPH PULITZER SCHOLARSHIP FUND B

(1959) Bequest of Joseph Pulitzer '52 HON.

Q**QI KEZHAN PEACE SCHOLARSHIP FUND**

(2020) Gift of Kezhan Qi BUS'00.

QUANDT FAMILY FUND

(2012) Gift of Leonard Langenscheidt CC'12 and Gabriele Quandt P: CC'12.

ROBERT T. AND MARILYN L. QUITTMAYER SCHOLARSHIP FUND

(1986) Gift of Robert T. Quittmeyer CC'41, LAW'47 ^ in honor of the fiftieth anniversary of his graduation.

R**STANLEY A. AND BARBARA B. RABIN SCHOLARSHIP FUND**

(2007) Gift of Barbara B. and Stanley A. Rabin CC'58, SEAS'59.

THOMAS D. RABIN SCHOLARSHIP FUND

(1997) Gift of Ruth H. and I. Stephen Rabin CC'55, LAW'58 in memory of their son, Thomas D. Rabin.

THE AL AND SENTA RAIZEN ENDOWMENT FUND

(2019) Gift of Daniel Raizen, Helen Raizen, and Michael B. Raizen.

RAPAPORT SCHOLARSHIP FUND IN MEMORY OF HENRY N. RAPAPORT, CC 1925, LAW 1927

(1985) Gift of Michael S. Rapaport BUS'64, LAW'64; Peter A. Rapaport LAW'65; David A.H. Rapaport CC'69; Robert D. Rapaport BUS'59; Martin S. Rapaport CC'62, LAW'65, P: CC'09; Richard A. Rapaport CC'69, P: CC'22; and M. Murray Peshkin ^.

BROOKE AND RICHARD RAPAPORT SCHOLARSHIP FUND

(1999) Gift of Richard A. Rapaport CC'69, P: CC'22.

PROFESSOR WILLIAM H. REINMUTH SCHOLARSHIP FUND

(1988) Gift of Curtis Instruments in memory of William H. Reinmuth P: CC'89.

ROSE AND SAM REISS SCHOLARSHIP FUND

(1987) Gift of Robert S. Reiss CC'52, in honor of his parents, Sam and Rose Reiss P: CC'52.

HUBERT M. RELYEA SCHOLARSHIP FUND

(1993) Bequest of Hubert M. Relyea CC'31.

PATRICIA REMMER BC '45 - COLUMBIA COLLEGE SCHOLARSHIP FUND

(2004) Gift of Patricia C. Remmer BC'45 ^.

THE RICCI FAMILY SCHOLARSHIP

(2019) Gift of Russell Ricci CC'68.

PETER C. RITCHIE, JR., SCHOLARSHIP FUND

(1939) Bequest of Virginia J. Ritchie.

GERALD AND MAY ELLEN RITTER MEMORIAL SCHOLARSHIP FUND

(1986) Gift of Gerald and May Ellen Ritter Memorial Fund.

GERALD AND MAY ELLEN RITTER PRESIDENTIAL FELLOWSHIP FUND

(1981) Gift of Gerald and May Ellen Ritter Memorial Fund.

RJM FOUNDATION SCHOLARSHIP FUND

(2015) Gift of Roberta M. Campbell TC'69, P: CC'04, CC'13, SIPA'08.

EDWIN ROBBINS CC 1953 RESIDENTIAL SCHOLARSHIP FUND

(1985) Gift of Edwin Robbins CC'53, LAW'55, P: BC'82, LAW'88.

EDWIN ROBBINS CLASS OF 1953 RESIDENTIAL SCHOLARSHIP FUND II

(2014) Gift of Edwin Robbins CC'53, LAW'55, P: BC'82, LAW'88.

ADELINE AND GERARD ROBERTS SCHOLARSHIP FUND

(1979) Bequest of Adeline Roberts.

DR. DUDLEY F. ROCHESTER SCHOLARSHIP FUND

(1998) Gift of Dudley F. Rochester CC'50, VPS'55.

RODIN LEVINE FAMILY SCHOLARSHIP FUND

(2011) Gift of John D. Rodin CC'97 and Rachel L. Rodin CC'97, BUS'01.

HENRY WELSH ROGERS SCHOLARSHIP FUND

(2006) Bequest of Henry Welsh Rogers.

HOWARD MALCOLM ROGERS SCHOLARSHIP FUND

(1925) Bequest of Henrietta Rogers.

ROBERT AND SARA ROONEY SCHOLARSHIP FUND
(2014) Gift of Corinne and Robert P. Rooney CC'89, P: CC'23.

ARTHUR G. ROSEN FAMILY SCHOLARSHIP FUND
(1991) Gift of Arthur G. Rosen CC'65.

IDA ROSENBERG SCHOLARSHIP FUND
(1999) Gift of Robert J. Rosenberg CC'67, P: CC'99, LAW'02; Lauren Rosenberg Gershell CC'99, LAW'02; and Marcia R. Fox P: CC'99, LAW'02.

PROFESSOR JOHN D. ROSENBERG SCHOLARSHIP FUND
(2008) Gift of John A. Carey CC'71 in honor of John D. Rosenberg CC'50, GSAS'60, P: CC'97.

GERALD E. ROSENBERGER SCHOLARSHIP FUND
(1967) Gift of various donors in memory of Gerald E. Rosenberger.

DR. LOUIS A. AND BEATRICE B. ROSENBLUM SCHOLARSHIP FUND
(2002) Bequest of Beatrice Rosenblum Vare SW'41.

ROSENBLUTH FAMILY SCHOLARSHIP FUND
(2017) Gift of Jack Rosenbluth CC'52, P: CC'88, TC'96, TC'97.

LEO L. ROSENHIRSCH MEMORIAL SCHOLARSHIP FUND
(1966) Gift of the Rosenhirsch Foundation.

ANNA AND AARON ROSENSHINE SCHOLARSHIP FUND
(1989) Gift of Allen G. Rosenshine CC'59.

LEWIS A. ROSENTHAL SCHOLARSHIP FUND
(1951) Gift of William Rosenthal ^ P: CC 1928 in memory of his son, Lewis A. Rosenthal CC 1928.

KATHLEEN ROSKOT MEMORIAL SCHOLARSHIP FUND
(2005) Gift of various donors in memory of Kathleen Roskot CC'02.

MERVIN ROSS '51, '52 SCHOLARSHIP FUND
(2016) Gift of Marjorie L. Ross W: CC'51, BUS'52 in memory of her husband, Mervin Ross CC'51, BUS'52.

EUGENE T. ROSSIDES SCHOLARSHIP FUND
(1996) Gift of Eugene T. Rossides CC'49, LAW'52 ^, P: CC'84.

SAMUEL H. ROTHFELD CC 1934 SCHOLARSHIP FUND
(1995) Gift of Michael B. Rothfeld CC'69, BUS'71, JRN'71, SIPA'71, P: CC'06, CC'08 in memory of his father, Samuel H. Rothfeld GS'34, P: CC'69, BUS'71, JRN'71, SIPA'71.

DAVID H. ROUS SCHOLARSHIP FUND
(1973) Gift of various donors in memory of David H. Rous CC 1925, LAW 1928.

JOSEPH RUBIN SCHOLARSHIP FUND
(1975) Gift of Harvey Rubin CC'54, SEAS'58, P: CC'79, CC'82, CC'87, SIPA'84 in memory of his father, Joseph Rubin P: CC'54, SEAS'58.

SAMUEL RUDIN SCHOLARSHIP FUND
(2000) Gift of Joan H. and Paul A. Marks CC'46, VPS'49, '00 HON ^, P: GSAS'84.

GEORGE RUPP SCHOLARSHIP FUND
(1994) Gift of the Henry and Lucy Moses Fund, Inc. in honor of George Rupp '93 HON.

LT. PETER F. RUSSELL, U.S.N. SCHOLARSHIP FUND
(1987) Gift of various donors in memory of Peter F. Russell CC'62.

THE RICHARD RUZIKA SCHOLARSHIP FUND
(2000) Gift of Richard M. Ruzika CC'81 ^, P: CC'16.

THE FRIENDS OF RICH RUZIKA SCHOLARSHIP FUND
(2013) Gift of various donors in memory of Richard M. Ruzika CC'81, P: CC'16.

S

DAVID G. SACKS SCHOLARSHIP FUND
(2005) Bequest of David G. Sacks CC'44, LAW'48.

EUGENE SALBERG SCHOLARSHIP FUND
(1964) Bequest of Eugene Salberg.

EVAN C. AND EVAN T. SALMON SCHOLARSHIP FUND
(2003) Bequest of Avis D. Salmon.

ARNOLD A. SALTZMAN SCHOLARSHIP FUND
(1986) Gift of Arnold A. Saltzman CC'36 ^, P: CC'67, CC'69.

ARNOLD A. SALTZMAN SCHOLARSHIP FUND FOR DOUBLE DISCOVERY PROGRAM
(2006) Gift of Arnold A. Saltzman CC'36 ^, P: CC'67, CC'69.

ERIC F. SALTZMAN SCHOLARSHIP FUND
(1986) Gift of Eric F. Saltzman CC'69, P: CC'10.

SAMUELS FAMILY SCHOLARSHIP FUND
(2009) Gift of an anonymous donor.

SANDELMAN FAMILY SCHOLARSHIP FUND
(2002) Gift of Corrie M. and Jonathan E. Sandelman P: CC'13.

HERB AND PEARL SANDICK SCHOLARSHIP FUND
(2010) Gift of Herbert Sandick CC'43, VPS'45 ^, P: CC'69.

AARON AND JAMES SATLOFF SCHOLARSHIP FUND
(1996) Gift of James E. Satloff CC'84, BUS'86 in honor of his father, Aaron Satloff CC'56, P: CC'84, BUS'86.

SATOW FAMILY SCHOLARSHIP FUND
(1988) Gift of Phillip M. Satow CC'63, P: CC'88, CC'96, SIPA'01.

ALEXANDER SAUNDERS SCHOLARSHIP FUND

(1922) Bequest of Mary E. Saunders LS 1900, GSAS 1945 in memory of her husband, Alexander Saunders.

LESLIE M. SAUNDERS SCHOLARSHIP FUND

(1916) Bequest of Alexander Saunders.

SCANDINAVIAN SCHOLARSHIP FOR SCIENTIFIC RESEARCH

(1986) Gift of an anonymous donor.

PETER K. SCATURRO SCHOLARSHIP FUND

(1997) Gift of Peter K. Scaturro SEAS'82, SEAS'85.

MORRIS A. AND ALMA B. C. SCHAPIRO SCHOLARSHIP FUND

(1999) Gift of the Alma and Morris Schapiro Fund.

KENNETH P. SCHEFFEL SCHOLARSHIP

(2020) Gift of Kenneth Scheffel CC'59.

SHELL-O'CONNOR FAMILY SCHOLARSHIP FUND

(2013) Gift of Kathleen O. and J. Michael Schell CC'69.

SCHENLEY INDUSTRIES, INC., SCHOLARSHIP FUND

(1962) Gift of Schenley Industries Inc. in memory of Ralph T. Heymsfeld CC 1927, P: CC'65.

JONATHAN SCHILLER SCHOLARSHIP FUND

(2011) Gift of Jonathan D. Schiller CC'69, LAW'73, P: CC'01, CC'06, LAW'08.

SCHLEIFER FAMILY FOUNDATION SCHOLARSHIP FUND

(2020) Gift of Leonard Schleifer P: LAW'06.

SCHLUMBERGER FOUNDATION SCHOLARSHIP FUND

(1984) Gift of the Schlumberger Foundation.

IRVING SCHMEZEL SCHOLARSHIP FUND

(1965) Gift of Claire L. Schmezel ^ in memory of her husband, Irving Schmezel.

SCHMIDTBERGER/SUNG FAMILY SCHOLARSHIP

(2022) Gift of Margaret Sung and Michael J. Schmidtberger CC'82, LAW'85, P: SEAS'22, CC'24.

JOHN NORBERT SCHMITT SCHOLARSHIP FUND

(2011) Bequest of John N. Schmitt CC'32.

MILDRED AND SAMUEL SCHOLNICK SCHOLARSHIP FUND

(2001) Gift of Arnold R. Tolkin CC'54, P: CC'79, CC'82, LAW'81.

SAMUEL AND ANNA SCHREIBER SCHOLARSHIP FUND

(1987) Gift of Leonard I. Schreiber CC'35, LAW'37 ^.

ROBERT SCHWARZ SCHOLARSHIP FUND

(1968) Gift of the Schwarz family in memory of Robert Schwarz.

GERTRUDE AND WILLIAM P. SCHWEITZER SCHOLARSHIP FUND IN THE SCIENCES

(1990) Bequest of Gertrude Schweitzer P: CC'60.

WILLIAM P. SCHWEITZER SCHOLARSHIP FUND

(1973) Gift of Gertrude Schweitzer ^ P: CC'60, in memory of her husband, William P. Schweitzer CC'21, GSAS'22, P: CC'60.

MARY H. SCRANTON SCHOLARSHIP FUND

(1936) Bequest of Mary N. Scranton.

FRANK LINWOOD AND GRACE FARRINGTON SEALY FUND

(1989) Bequest of Donald F. Sealy CC 1918, GSAS 1920, LAW 1923 in memory of his parents Grace F. and Frank L. Sealy P: CC 1918, GSAS 1920, LAW 1923.

THE ALBERT A. SEGNA MEMORIAL SCHOLARSHIP FUND

(2003) Gift of Rudy A. Segna CC'81, P: CC'08, CC'09.

KARL LUDWIG SELIG SCHOLARSHIP FUND

(2001) Gift of Thomas H. Gloer CC'81.

THERESA PRINCE SEMON SCHOLARSHIP FUND

(1953) Gift of the Board of Trustees of the Good Neighbor Federation.

MR. AND MRS. PING LING SENG SCHOLARSHIP FUND

(1986) Gift of Peter Seng CC'63, GSAPP'87, P: CC'87 in honor of his parents, Mr. and Mrs. Ping Ling Seng.

ARTHUR J. AND KATHERINE FLINT SHADEK SCHOLARSHIP FUND

(1970) Gift of Katherine F. Shadek LAW'49, W: CC'48, P: CC'73, CC'75, BUS'76 and Arthur J. Shadek LAW'48 ^, P: CC'73, CC'75, BUS'76.

NORMAN SHAPIRO SCHOLARSHIP FUND

(1977) Gift of Eleanor Redman Shapiro ^.

REUBEN SHAPIRO SCHOLARSHIP FUND

(2010) Gift of Susan A. and Robert J. Grey CC'72, P: BUS'07.

SOLOMON AND DORA MONNESS SHAPIRO SCHOLARSHIP FUND

(1952) Bequest of Dora Monness Shapiro.

RUBIN AND SARAH SHAPS SCHOLARSHIP FUND

(1999) Bequest of Philip P. Shaps.

GEORGE SHAW SCHOLARSHIP FUND

(1988) Gift of various donors in memory of George D. Shaw CC'53.

PO-CHIEH SHAW SCHOLARSHIP FUND

(2013) Gift of Gordon Shaw BUS'92.

RICHARD AND CAMILLE SHEELY SCHOLARSHIP FUND

(2018) Gift of Thad A. Sheely CC'93.

JAMES PATRICK SHENTON SCHOLARSHIP FUND

(1998) Gift of Socrates Nicholas CC'56.

JAMES T. SHERWIN SCHOLARSHIP FUND

(2014) Gift of James T. Sherwin CC'53, LAW'56, P: GSAS'92, GSAS'96, GSAS'03.

EDITH SHIH SCHOLARSHIP FUND

(2008) Gift of Edith Shih TC'77, TC'78.

JESSE SIEGEL SCHOLARSHIP FUND

(1984) Gift of Jesse S. Siegel CC'49 ^, P: BC'80, SW'83.

DOROTHY O'BRIEN AND FERDINAND J. SIEGHARDT SCHOLARSHIP FUND

(1972) Bequest of Ferdinand J. Sieghardt.

SIDNEY J. SILBERMAN SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(1998) Gift of Sidney J. Silberman CC'42, LAW'47 ^.

RONALD K. SIMONS CC '82 SCHOLARSHIP

(2003) Gift of Ronald K. Simons CC'82, BUS'89.

SINGH FAMILY SCHOLARSHIP FUND

(2001) Gift of Ravi M. Singh CC'88.

LUCIANO SIRACUSANO SCHOLARSHIP FUND

(2013) Gift of Luciano Siracusano CC'87, P: CC'18, SOA'26.

MARVIN SIROT SCHOLARSHIP FUND

(1984) Gift of Margaret Sirot W: CC'56, BUS'57, P: BC'85 and various donors in memory of Marvin Sirot CC'56, BUS'57, P: BC'85.

SAMUEL T. SKIDMORE SCHOLARSHIP FUND

(1990) Bequest of Samuel T. Skidmore.

JOSEPH M. SKRYPSKI SCHOLARSHIP FUND

(2007) Bequest of Joseph M. Skrypski CC'39.

LAWRENCE SLAUGHTER SCHOLARSHIP FUND

(2010) Gift of Lawrence D. Slaughter CC'85, P: CC'19.

SMALLEY FOUNDATION SCHOLARSHIP FUND

(2019) Gift of The Smalley Foundation Inc.

MARCY AND SALO SMEKE SCHOLARSHIP

(2021) Gift of Salomon Smeke Saba BUS'19.

ERIC V. SMITH SCHOLARSHIP FUND

(1994) Gift of Blair W. Smith BUS'85 and various donors in memory of Eric V. Smith CC'88.

GLORIA KAUFMAN KLEIN SMITH SCHOLARSHIP FUND

(2009) Bequest of Gloria K. Smith GSAS'53.

DAVID W. SMYTH SCHOLARSHIP FUND

(1926) Gift of David W. Smyth ^.

MATTHEW J. SODL FUND

(2018) Gift of Matthew J. Sodl CC'88, P: CC'26.

THE SOLENDER FAMILY FUND

(2011) Gift of Michael S. Solender CC'86, P: CC'17.

JOSEPH SOLOMON PRESIDENTIAL SCHOLARS AND FELLOWS FUND

(1983) Bequest of Julian C. Levi CC 1896 in honor of Joseph Solomon.

HERBERT B. SOROCA SCHOLARSHIP FUND

(1990) Gift of Herbert B. Soroca CC'63, LAW'66.

THE FRITZ AND EMMA SPENGLER MEMORIAL SCHOLARSHIP FUND

(2005) Gift of Manfred L. Spengler CC'55, SEAS'56.

SOL SPIEGELMAN SCHOLARSHIP FUND

(1992) Gift of Richard Axel CC'67, P: SIPA'11.

SPINGARN FAMILY SCHOLARSHIP FUND

(1990) Gift of James L. Spingarn CC'62, P: CC'89, BC'92, BUS'94.

ARTHUR B. SPINGARN SCHOLARSHIP FUND

(1993) Bequest of Arthur B. Spingarn CC1897, GSAS 1899, LAW 1900.

ROBERT G. SPIRO, M.D. CLASS OF 1951 MEMORIAL SCHOLARSHIP FUND

(2015) Gift of Mary J. Spiro W: CC'51, P: CC'86 in memory of her husband, Robert G. Spiro CC'51, P: CC'86.

LISA AND DAVID STANTON FAMILY SCHOLARSHIP

(2011) Gift of David B. Stanton CC'77, P: CC'09, CC'11.

C.V. STARR SCHOLARSHIP FUND AT COLUMBIA UNIVERSITY

(2004) Gift of C.V. Starr Foundation.

HARRISON R. AND EDNA L. STEEVES SCHOLARSHIP FUND

(1995) Gift of Edna L. Steeves GSAS'48 ^.

ALAN AND RUTH STEIN SCHOLARSHIP FUND

(1986) Gift of Alan L. Stein CC'52 ^, P: BUS'85 and Ruth S. Stein W: CC'52, P: BUS'85.

ALAN W. STEINBERG SCHOLARSHIP FUND

(1990) Gift of Suzanne and Alan W. Steinberg CC'48, SEAS'50.

MRS. RICHARD STEINSCHNEIDER SCHOLARSHIP FUND

(1958) Gift of Richard Steinschneider CC 1919 ^, P: CC'43, SEAS'43 ^ and Marie R. Steinschneider ^ P: CC'43, SEAS'43 ^.

MICHAEL D. STEPHENS SCHOLARSHIP FUND

(2002) Gift of Michael D. Stephens CC'66, PH'70.

HELEN M. C. AND J. EDWARD STERN BIO-MEDICAL SCHOLARSHIP FUND
(1996) Gift of the J. Edward and Helen M.C. Stern Foundation.

HERBERT B. STERN SCHOLARSHIP FUND
(1997) Gift of Herbert B. Stern CC'59, P: CC'07, SOA'12.

WARREN AND SUSAN STERN FAMILY SCHOLARSHIP FUND
(2014) Gift of Warren R. Stern CC'74.

ARNOLD AND MATILE STIEFEL SCHOLARSHIP FUND
(1948) Bequest of Matile L. Stiefel.

MORTIMER AND HORTENSE STIEFEL FUND
(1988) Bequest of Hortense H. Stiefel

ROBERT S. (1959C) AND MARCIA B. STONE SCHOLARSHIP FUND
(1992) Gift of Robert S. Stone CC'59, P: CC'91; Chester I. Stone CC'67; and Phyllis B. Stone CC'91.

LUDWIG STROSS SCHOLARSHIP FUND
(1943) Gift of Ines Stross in memory of her husband, Ludwig Stross.

ARTHUR HAYS SULZBERGER SCHOLARSHIP FUND
(1963) Gift of Arthur H. Sulzberger CC 1913, '59 HON ^, P: CC'51.

OLON E. SUMMERFIELD FOUNDATION INC., SCHOLARSHIP FUND
(1956) Gift of the Solon E. Summerfield Foundation, Inc.

BERNARD AND MARJORIE SUNSHINE SCHOLARSHIP
(2002) Gift of Bernard Sunshine CC'46, P: CC'79, GSAS'83, GSAS'89, GSAS'91 and Marjorie H. Sunshine LS'69, P: CC'79, GSAS'83, GSAS'89, GSAS'91.

SURDNA FOUNDATION SCHOLARSHIP FUND
(1966) Gift of the Surdna Foundation, Inc.

SUSTAINABLE DEVELOPMENT SCHOLARSHIP ENDOWMENT FUND
(2010) Gift of Joseph H. Ellis CC'64 and Barbara Ellis BC'64, GSAS'65.

SWERGOLD FAMILY SCHOLARSHIP FUND
(1990) Gift of Leopold Swergold CC'62.

ANNA WARE AND MACRAE SYKES SCHOLARSHIP FUND
(1963) Gift of Macrae Sykes CC'33 ^ in honor of his mother, Anna G. Collins ^ P: CC'33 ^.

ROBERT J. SZARNICKI FAMILY SCHOLARSHIP FUND
(2000) Gift of Robert J. Szarnicki CC'65 ^.

AGNES CHI-CHEN LIN SZE COLUMBIA BUSINESS SCHOOL CLASS OF 1945 SCHOLARSHIP FUND

(2015) Gift of Morgan Sze in memory of his mother, Agnes C. Lin Sze BUS'45.

T

THE LEAH G. AND CHRISTOPHER K. TAHBAZ FAMILY SCHOLARSHIP FUND
(2015) Gift of Christopher K. Tahbaz CC'86, LAW'90.

DANIEL TAMKIN AND CINDY CARDINAL SCHOLARSHIP FUND
(2009) Gift of Daniel S. Tamkin CC'81, P: CC'12 and Lucinda M. Cardinal BC'83, P: CC'12.

THE ANGELO TARALLO MEMORIAL SCHOLARSHIP FUND
(2005) Gift of Patricia Tarallo W: CC'61, LAW'64.

ABRAHAM TAUB SCHOLARSHIP FUND
(1991) Bequest of Abraham Taub CP 1922, GSAS 1927.

WALLACE TAYLOR MEMORIAL SCHOLARSHIP FUND
(1992) Gift of the Senior Society of Sachems in honor of the seventy-fifth anniversary of its founding and the alumnus credited with founding the society, Wallace Taylor CC 1916 ^.

WILLIAM TOWSON TAYLOR SCHOLARSHIP FUND
(1976) Bequest of William T. Taylor CC 1921, LAW 1923 and gift of various donors in his memory.

DR. JOSEPH F. TEDESCO SCHOLARSHIP FUND
(2004) Bequest of Vera L. Tedesco.

TEPLER FAMILY SCHOLARSHIP FUND
(2013) Gift of Isidore Tepler CC'76, P: CC'18.

TEWARI FAMILY GOLDMAN SACHS CURRENT USE FINANCIAL AID FUND
(2019) Gift of Pawan Tewari BUS'94, P: CC'20 and Shruti Tewari SIPA'94, P: CC'20.

ARCHANA AND SURYA PRAKASH TEWARI GOLDMAN SACHS SCHOLARSHIP
(2017) Gift of Pawan Tewari BUS'94, P: CC'20.

PAWAN AND SHRUTI TEWARI FAMILY GOLDMAN SACHS SCHOLARSHIP FUND
(2019) Gift of Pawan Tewari BUS'94, P: CC'20 and Shruti Tewari SIPA'94, P: CC'20.

FRANKLIN A. THOMAS SCHOLARSHIP FUND
(2008) Gift of Franklin A. Thomas CC'56, LAW'63, '79 HON.

BRIAN AND SABINE THOMSON FAMILY SCHOLARSHIP FUND
(2017) Gift of Brian J. Thomson CC'89.

EDGAR G. THOMSEN SCHOLARSHIP FUND
(1973) Bequest of Grace Brinkerhoff Thomassen in memory of her husband, Edgar G. Thomssen CC 1907.

BLANCHE S. THORMAN SCHOLARSHIP FUND

(1972) Bequest of Blanche S. Thorman.

THE ISABEL AND IRVING N. TOLKIN MEMORIAL SCHOLARSHIP FUND

(1983) Gift of Isabel Tolkin ^ P: CC'54, CC'60, GSAPP'62 and various donors in memory of Isabel's husband, Irving N. Tolkin P: CC'54, CC'60, GSAPP'62, and later renamed in memory of Isabel and Irving.

LAURIE J. AND JEFFREY D. TOLKIN SCHOLARSHIP FUND

(2000) Gift of Jeffrey D. Tolkin CC'79, LAW'81 and Laurie J. Tolkin BC'79, DM'83.

LILLIAN AND TRYGVE H. TONNESSEN SCHOLARSHIP FUND

(1989) Gift of Trygve H. Tonnessen CC'39, GSAS'51 ^.

ELIZA TRIPP MEMORIAL SCHOLARSHIP FUND

(1979) Bequest of W. Arthur Tripp CC 1909.

LOTTIE A. TRIPP SCHOLARSHIP FUND

(1979) Bequest of W. Arthur Tripp CC 1909.

MARGUERITE AND JOSEPH A. TRISKA MEMORIAL SCHOLARSHIP FUND

(1983) Gift of Theodore H. Elliott.

TRUST BRIDGE PARTNERS SCHOLARSHIP FUND

(2009) Gift of Shujun Li.

KYRIAKOS TSAKOPOULOS SCHOLARSHIP FUND IN HONOR OF EUGENE ROSSIDES

(2005) Gift of Kyriakos Tsakopoulos CC'93 in honor of his grandfather, Kyriakos Tsakopoulos.

MARIA TSAKOS SCHOLARSHIP FUND

(2016) Gift of Nikolas P. Tsakos CC'85.

THE TUKMAN FAMILY SCHOLARSHIP FUND

(2007) Gift of Lois and Melvin Tukman P: CC'89, BUS'98.

ANTHONY AND AMY TUTRONE SCHOLARSHIP

(2019) Gift of Amy and Anthony D. Tutrone CC'86.

25TH REUNION SCHOLARSHIP

(2017) Gift of various donors in honor of the twenty-fifth anniversary of their graduation.

ARTHUR S. TWITCHELL SCHOLARSHIP FUND

(1995) Bequest of Arthur C. Twitchell.

U

US STEEL SCHOLARSHIP FUND

(2002) Gift of USX.

V

VAN AMRINGE SCHOLARSHIP FUND IN COLUMBIA COLLEGE

(1957) Bequest of Emily Buch.

SAMUEL AND SUSAN VARGHESE FAMILY SCHOLARSHIP FUND

(2014) Gift of Tajar S. Varghese CC'01.

IVAN B. VEIT ENDOWMENT FUND

(2005) Bequest of Ivan B. Veit CC 1928.

THE VIG FAMILY SCHOLARSHIP

(2019) Gift of Mary Vig CC'91.

SIGMUND AND MARY VIOLIN SCHOLARSHIP FUND

(1996) Gift of George A. Violin CC'63, SIPA'66, VPS'67.

VISA FINANCIAL AID ENDOWMENT FUND

(1994) Proceeds from VISA credit card receipts.

WILLIAM F. VOELKER MEMORIAL SCHOLARSHIP FUND

(1976) Bequest of William F. Voelker CC'42, LAW'48 and gift of various donors in his memory.

MARY SAYER VOELLINGER SCHOLARSHIP FUND

(2021) Gift of Mary Corley Dunn CC'98.

DANIEL VOGEL CC00 AND SUZANNE GREENSTEIN VOGEL CC99 SCHOLARSHIP FUND

(2021) Gift of Suzanne Greenstein Vogel CC'99 and Daniel Vogel CC'00.

VOLLBRECHTHAUSEN FAMILY - GOLDMAN SACHS SCHOLARSHIP FUND

(2014) Gift of Alejandro Vollbrechthausen P: CC'16.

H. EDWARD VOLLMERS MEMORIAL SCHOLARSHIP FUND

(1976) Gift of various donors in memory of H. Edward Vollmers CC 1920, SEAS 1922.

FRANCES AND GUSTAVE VON GROSCHWITZ SCHOLARSHIP FUND IN ART HISTORY

(1991) Bequest of Gustave von Groschwitz CC'26.

W

WALDHORN FAMILY SCHOLARSHIP

(2022) Gift of Richard E. Waldhorn CC'72.

LEO J. WALSH MEMORIAL SCHOLARSHIP FUND

(2006) Bequest of Leo J. Walsh CC'53, GSAS'56, GSAS'62.

WANG FAMILY SCHOLARSHIP FUND

(2009) Gift of Philip P. Wang CC'70, P: CC'18.

WALTER H. WANG SCHOLARSHIP FUND

(2022) Gift of Christopher McGowan CC'92, P: CC'24 and Sandy Wang CC'92, P: CC'24 in honor of Sandy's father.

WILLIAM H. WARDEN MEMORIAL SCHOLARSHIP FUND

(1996) Bequest of Dorothy Warden.

THE WARREN FAMILY SCHOLARSHIP FUND

(2005) Gift of Irwin H. Warren CC'71, LAW'74.

HELEN L. WARREN SCHOLARSHIP FUND

(2007) Bequest of Helen L. Warren TC'55 .

GEORGE WASCHECK SCHOLARSHIP FUND

(1990) Gift of George E. Wascheck CC 1924, SEAS 1926.

MORRIS W. WATKINS SCHOLARSHIP FUND

(1987) Gift of William E. Collin CC 1924 ^ in honor of Morris W. Watkins CC 1924, GSAS 1928 ^.

ROBERT WATT SCHOLARSHIP FUND

(1976) Gift of various donors in memory of Robert W. Watt CC 1916.

LEONARD S. WEBER (CC '47) AND MORTON A. WEBER (CC '42) MEMORIAL SCHOLARSHIP

(2018) Bequest of Joan Weber in memory of her husband, Leonard S. Weber CC'47, and brother-in-law, Morton A. Weber CC'42.

DR. CHARLES A. WEBSTER INTERSCHOOL SCHOLARSHIP FUND

(1994) Gift of Charles A. Webster CC'40, VPS'43 ^.

GEORGE E. WEIGL SCHOLARSHIP FUND

(1982) Bequest of George E. Weigl BUS'31.

JOSHUA H. AND DONNA WEINER SCHOLARSHIP FUND

(1998) Gift of Joshua H. Weiner CC'36 ^ and Donna Weiner W: CC'36.

WEINSTEIN FAMILY SCHOLARSHIP

(2022) Gift of Stephen H. Weinstein CC'91.

ARTHUR S. AND MARIAN E. WEINSTOCK SCHOLARSHIP FUND

(1995) Gift of Arthur S. Weinstock CC'41^ and Marian E.K. Weinstock ^.

GEORGE J. AND FRANCES K. WEINSTOCK SCHOLARSHIP FUND

(2006) Gift of Arthur S. Weinstock CC'41 ^ in memory of his parents, Frances K. and George J. Weinstock P: CC'41 ^.

EDWARD S. WEISIK SCHOLARSHIP FUND

(2004) Bequest of Edward S. Weisik CC'37.

RABBI SHELDON J. WELTMAN, PH.D., SCHOLARSHIP FUND

(1992) Bequest of Rabbi Sheldon J. Weltman CC'58.

WEST END SCHOLARSHIP FUND

(1998) Gift of Katherine A. Gardner JRN'81; Kirk W. Michel BUS'79, P: BUS'15; and Joseph F. Spiegel.

H. A. WHEELER SCHOLARSHIP FUND

(1923) Gift of H. A. Wheeler Class of 1880 Arts and Mines.

JOHN VISSCHER WHEELER SCHOLARSHIP FUND

(1914) Bequest of Susan E. Johnson Hudson in memory of John V. Wheeler CC 1865.

THE JOHN AND MARY JO WHITE SCHOLARSHIP

(2008) Gift of John W. and Mary Jo White LAW'74, P: CC'08, LAW'15.

JOSEPH THOMAS WIDOWFIELD SCHOLARSHIP FUND

(1994) Bequest of Joseph T. Widowfield CC'83.

MARK HINCKLEY WILLES SCHOLARSHIP FUND

(1989) Gift of Mark H. Willes CC'63, BUS'67.

THE WILLNER FAMILY SCHOLARSHIP FUND

(2002) Gift of Jane and David Bloomgarden, and Joseph H. Willner VPS'77.

GEORGE LEO WINGSHEE MEMORIAL SCHOLARSHIP FUND

(2004) Gift of Donna W. Loo P: CC'11, GS'16.

RICHARD E. WITTEN SCHOLARSHIP FUND

(2005) Gift of Richard E. Witten CC'75, P: CC'10, BUS'15, LAW'15.

WOLF FAMILY SCHOLARSHIP FUND

(2011) Gift of Sherri P. Wolf CC'90, P: CC'21, CC'24 and Douglas R. Wolf CC'88, P: CC'21, CC'24.

BEN D. WOOD SCHOLARSHIP FUND

(1986) Bequest of Benjamin D. Wood CC 1922, GSAS 1924.

GORDON W. WOOD SCHOLARSHIP FUND

(1992) Gift of Gordon W. Wood CC'43, SEAS'48 ^.

WALTER WOODS SCHOLARSHIP FUND

(1997) Bequest of Norma E. Woods in memory of her husband, Walter Woods.

THE WOODWORTH FAMILY SCHOLARSHIP FUND

(2021) Bequest of Jay Woodworth CC'65, BUS'67 ^.

KENNETH AND THOMAS WRIGHT SCHOLARSHIP FUND

(2008) Gift of Kenneth B. Wright CC'74.

DAVID WU AND FRED WANG FUND

(2010) Gift of Fred W. Wang SEAS'95 and Weiming D. Wu SEAS'02.

X

XU FAMILY SCHOLARSHIP FUND

(2014) Gift of an anonymous donor.

LIU XU SCHOLARSHIP FUND

(2006) Gift of an anonymous donor.

Y

PHILIP C. YACOS MEMORIAL SCHOLARSHIP FUND

(1986) Gift of Helen N. Yacos-Obuhanych ^ P: CC'80 ^ and various donors in memory of Helen's son, Philip C. Yacos CC'80.

YAGODA FAMILY SCHOLARSHIP FUND

(2016) Gift of Scott R. Yagoda CC'86, LAW'92, P: CC'20, CC'25.

FREDERIC AND ANNA YANG SCHOLARSHIP FUND

(2015) Gift of Hong A. Yang BUS'98 and Frederic S. Yang BUS'97.

YATRAKIS SCHOLARSHIP FUND

(2009) Gift of Demetrios P. Yatrakis CC'05, BUS'10.

ONG YEE SCHOLARSHIP FUND

(2010) Gift of Danny O. Yee CC'77, P: CC'15 and Stephanie W. Yee PS'82, P: CC'15.

YEH AND CHU FAMILY SCHOLARSHIP

(2022) Gift of Huoy Yeh and Sherman Chu CC'82, SEAS'83.

KENNETH YIM FAMILY FUND

(2011) Gift of Kenneth K.L. Yim SEAS'73, BUS'75, P: CC'11, SEAS'10.

SAMUEL YIN SCHOLARSHIP FUND

(2005) Gift of Samuel Yin CC'76.

YI-CHANG YIN AND WAN-HUNG CHANG YIN SCHOLARSHIP FUND

(2000) Gift of Samuel Yin CC'76.

THE WILLIAM H. YOKEL SCHOLARSHIP FUND

(2007) Bequest of William H. Yokel CC'44.

YOUNG ALUMNI SCHOLARSHIP FUND

(2016) Gift of young alumni from Columbia College.

YIU FAMILY SCHOLARSHIP FUND

(2021) Gift of Yuk Wai Lam and Michael Yiu P: CC'23.

THE YU FAMILY FUND

(2005) Gift of Kyung-Sun Yu P: CC'09, CC'13.

YU FAMILY SCHOLARSHIP FUND

(2014) Gift of Raymond Yu CC'89, SEAS'90, P: CC'21, CC'23, CC'25 and Amy H. Yu TC'07, TC'12, P: CC'21, CC'23, CC'25 and Bong Y. ^ and May W. Yu P: CC'88, CC'89, SEAS'90.

BONG AND MAY YU SCHOLARSHIP FUND

(2016) Gift of Bong Y. ^ and May W. Yu P: CC'88, CC'89, SEAS'90.

RAYMOND YU AND DR. YA-NING (AMY) HSU SCHOLARSHIP FUND

(2019) Gift of Raymond Yu CC'89, SEAS'90, P: CC'21, CC'23, CC'25 and Amy H. Yu TC'07, TC'12, P: CC'21, CC'23, CC'25.

TUNG LI AND HUI HSI YUAN MEMORIAL SCHOLARSHIP FUND

(1967) Gifts of various donors in memory of Tung Li Yuan CC 1922 and later renamed in memory of Hui Hsi and Tung Li Yuan CC 1922.

YUAN-HOU GIVING FUND

(2021) Gift of Shuang Hou and Shengang Yuan P: CC'24.

Z

VICTOR AND BETTY ZARO SCHOLARSHIP FUND

(1995) Gift of Victor J. Zaro CC'42 ^.

TIMOTHY ZARO SCHOLARSHIP FUND

(1998) Gift of Victor J. Zaro CC'42 ^ in honor of Timothy Zaro.

VICTOR J. ZARO SCHOLARSHIP FUND

(1996) Gift of Victor J. Zaro CC'42 ^.

JESSICA ZAUNER MEMORIAL SCHOLARSHIP FUND

(2006) Gift of Anton Zauner CC'73, BUS'75, P: CC'08 ^, BUS'11 and Anna E. Zauner GS'79, P: CC'08 ^, BUS'11 in memory of their daughter, Jessica Zauner CC'08.

JOSEPH C. ZAVATT SCHOLARSHIP FUND—COLUMBIA COLLEGE

(2006) Bequest of Anna Maas Zavatt in memory of her husband, Joseph C. Zavatt CC 1922, LAW 1924.

ZBT—STANLEY I. FISHEL, CC'34 SCHOLARSHIP FUND

(2004) Gift of Delta ZBT Corporation.

FRANK JOSEPH ZDENOVEC SCHOLARSHIP FUND

(1949) Bequest of Frank J. Zdenovec.

THE ZICKLER FAMILY SCHOLARSHIP FUND

(2008) Gift of Leo E. Zickler CC'58.

DAVID AND RAY MOONEY ZWERLING SCHOLARSHIP FUND

(1991) Gift of L. Steven Zwerling CC'60, GSAS'61 and Leonard J. Zwerling CC'65 in honor of their parents, Ray M. and David Zwerling P: CC'60, CC'65, GSAS'61, on their anniversary.

^ Deceased; P: Parent; W: Widow

ACADEMIC REQUIREMENTS

In order to graduate from Columbia College with a Bachelor of Arts (B.A.) degree, all students must successfully complete a minimum of 124 points of academic credit, which must include the full [Core Curriculum](#), requirements for one major or concentration, and courses taken for elective credit. Students must also complete all coursework with an overall GPA of 2.0 or higher.

Students are expected to complete the B.A. degree in eight full-time semesters. The last two semesters must be taken while enrolled in the College for study on this campus or on one of the [Columbia-sponsored international programs](#).

ACADEMIC CREDIT

A point of academic credit is awarded to a student based on the successful completion of a certain number of contact hours with an instructor and a certain number of hours of coursework outside of class. Generally speaking, one point of academic credit denotes 14 hours of in-class work and 28 hours of out-of-class work. Most undergraduate courses carry 3 to 5 points of academic credit.

Every Columbia College student must complete 124 points of academic credit to earn the B.A. degree from Columbia College. To complete this number of credits over 8 semesters, students will need to complete an average of 15.5 credits per semester, which typically represents 4 to 5 academic courses per term (of courses that are worth 3 to 5 points of credit each). According to the expectations of workload per credit hour noted above, a 15.5-credit academic course load will require a minimum of 46.5 hours of work per week, spent attending class and doing homework.

All courses listed in this Bulletin are open to Columbia College students and carry credit that can be earned toward the B.A. degree. If students are interested in courses that are not listed in this Bulletin, it is important that they consult their advising dean in the [Berick Center for Student Advising](#) to confirm that the course will carry credit toward the B.A. degree.

Students may not earn credit for a course more than once, and may not earn credit multiple times for course content that is essentially duplicative:

- If students have been granted academic credit through advanced standing credit (AP, IB, GCE, etc.), they may not take the equivalent course(s) at Columbia for credit. If students take the equivalent course(s) at Columbia, they will need to forfeit the advanced standing credit previously granted. For more information, see [Academic Regulations—Placement and Advanced Standing](#).

- If students have been granted academic credit through transfer credit for coursework at another college or university, they may not take the equivalent course(s) at Columbia for credit. If students take the equivalent course(s) at Columbia, they will need to forfeit the transfer credit previously granted.
- For example, credit cannot be earned for two first-term calculus courses, even if one is more theoretical in approach than the other. Similarly, credit cannot be earned for two comparable terms of a science or foreign language even if one has a Barnard course number and the other a Columbia course number.
- In some courses, only partial credit may be counted toward the degree.
- In rare instances in which a student has earned a passing grade and credit for a course and yet feels it necessary to repeat the course, both attempts will be reflected on the student's transcript, but only the final grade for the first attempt will be awarded credit and factored into the overall GPA. If the first attempt resulted in a failing grade, the student may take the class again and earn credit for the second attempt with a passing grade.

THE CORE CURRICULUM

The [Core Curriculum](#) (p. 90) represents the College's approach to general education requirements:

- Six shared courses, in which all students study the same content and learn foundational academic habits of mind and habits of work;
- Several disciplinary courses, chosen by students from lists of approved courses, in which students learn specific content that conveys ways of knowing and understanding; and
- The Physical Education requirement.

Literature Humanities

HUMA CC1001	EURPN LIT-PHILOS
- HUMA CC1002	MASTERPIECES I and EURPN LIT-PHILOS MASTRPIECES II

Frontiers of Science

SCNC CC1000	FRONTIERS OF SCIENCE
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University Writing

ENGL CC1010	UNIVERSITY WRITING
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Contemporary Civilization

COCI CC1101	CONTEMP WESTERN
- COCI CC1102	CIVILIZATION I and CONTEMP WESTRN CIVILIZATION II

Art Humanities

HUMA UN1121	MASTERPIECES OF WESTERN ART
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Music Humanities

HUMA UN1123 MASTERPIECES OF WESTERN
MUSIC

Science Requirement

Two courses from the list of approved courses that meet the guidelines of the Science Requirement

Global Core Requirement

Two courses from the list of approved courses that have met the guidelines of the Global Core Requirement

Foreign Language Requirement

The successful completion of the "Intermediate II" (or equivalent) level in a single language or the exemption through approved exam scores

Physical Education

Two courses and a swimming test

All of the courses in the full Core Curriculum must be taken for a letter grade (*i.e.*, the Pass/D/Fail option may not be applied), with the exception of courses for the Physical Education requirement, which are offered only on a pass/fail basis.

Students are required to complete Frontiers of Science, both semesters of Literature Humanities, and University Writing in the first year, and to complete Contemporary Civilization in the sophomore year. Students are also expected to complete Art Humanities and Music Humanities by the end of the junior year. For pedagogical reasons, the College considers Literature Humanities a prerequisite for Contemporary Civilization; therefore, all Columbia College students must complete Literature Humanities prior to taking Contemporary Civilization. (Columbia Engineering students have been given an exception to this rule because of the structure of their curriculum.)

Students who do not complete the first-year requirements (Frontiers of Science, Literature Humanities, and University Writing) by the end of the first year, or the sophomore requirement (Contemporary Civilization) by the end of the second year, will be placed on academic probation

Courses taken to fulfill the Core Curriculum must be taken in Columbia College, with the exception of the Foreign Language Requirement, which, in some instances and as determined by the relevant academic department at Columbia, may be satisfied at Barnard College. In general, students must fulfill the Global Core and Science Requirements with courses already on the lists of approved courses and may not petition for other courses taught at Columbia or Barnard to fulfill either requirement. Students may be able to petition the Committee on the Global Core for courses taken at an approved study abroad program to count toward the Global Core Requirement, and/or to petition the Committee on Science Instruction for courses taken at an approved study abroad program to count toward the Science Requirement, after first meeting with their advising dean in the [Berick Center for Student Advising](#).

THE DEPARTMENTAL CONCENTRATION OR MAJOR

All Columbia College students must complete either a concentration or a major in order to experience sustained and advanced work in a field of special interest, often entailing individual research. A concentration consists of intensive study in one academic program achieved by fulfilling a series of requirements; a major provides even more depth through additional coursework and possibly a senior capstone experience such as a thesis. Individual concentrations and majors are described in the departmental sections of this Bulletin (see [Departments, Programs, and Courses](#)).

The choice of a concentration versus a major depends on the particular aims and needs of a student, as well as on the offerings of the particular department in which a student wishes to study. The concentration and the major are not designed to produce professionally trained specialists for one profession or another. In fact, students often pursue careers that are not dependent on the specific content of their concentrations or majors. A Columbia College liberal arts education - through the breadth of the Core Curriculum and the depth of the concentration or major - will provide students with the knowledge and skills that will serve them well throughout their professional and personal lives.

The faculty members in each department/program determine the requirements for a concentration or major, and each department/program has one or more faculty members designated as a [director of undergraduate studies \(DUS\)](#) who provide(s) advising for both prospective and declared concentrators/majors. ***It is the responsibility of students*** to ensure that they complete the concentration or major requirements that are in effect as of the time they declare the concentration or major in their sophomore year and that they seek out advising regularly from the relevant director of undergraduate studies.

All courses taken to complete a concentration or major, (whether they are designated as required or elective within the concentration or major) must be taken for a letter grade and must be passed with a grade of C- or higher. Some academic departments permit an exception to this policy, allowing the first one-term course taken by the student in his or her eventual major to be taken for a mark of "Pass." Students should consult the director of undergraduate studies (DUS) for any permissions or restrictions on grading options for the concentration or major.

Students should carefully read the requirements for their proposed concentration or major and direct questions to the relevant [director of undergraduate studies](#). For example:

- Some concentrations and majors require that certain introductory courses be completed before the start of the junior year.

- Some concentrations and majors have different minimum and maximum points allowed for a concentration or a major
- Concentrations and majors have different policies on whether students can fulfill requirements with a grade of D or a mark of "Pass."

In the first and sophomore years, students should confer with faculty members in the department, advising deans in the [Berick Center for Student Advising](#), and advisers in the [Center for Career Education](#) while considering their choice of concentration or major. All students declare a concentration or major in their fourth term (*i.e.*, in the spring semester of the sophomore year); students are not permitted to declare a concentration or major before this time. Information about the process for declaring a concentration or major is sent to students in the spring of the sophomore year by the [Berick Center for Student Advising](#).

Interdisciplinary and Interdepartmental Majors and Concentrations

Interdisciplinary and interdepartmental concentrations and majors combine coursework in two or more areas of study. Interdisciplinary concentrations and majors are linked to the interdisciplinary programs (see *Departments of Instruction*).

Independent majors or concentrations (*i.e.*, programs of study designed by a student) are not permitted for Columbia College students.

Special Concentrations

In certain cases, a program of study has been designated a "special concentration." While a special concentration may require a similar number of courses or points of credit as a departmental concentration does, a "special concentration" does not fulfill a degree requirement. Therefore, a special concentration can only be pursued as a second program of study, in addition to a concentration or major.

Double Concentrations/Majors

Most Columbia College students graduate with a single program of study — *i.e.*, one concentration or major. It is possible to declare a maximum of two programs of study — *e.g.*, two concentrations, two majors, a concentration and a major, a concentration and a special concentration, *or* a major and a special concentration.

Students must complete their degree requirements within eight semesters (including the terms that transfer students spent at other institutions), and students will not be awarded additional semesters for the purposes of completing an additional concentration or major.

If a student decides to pursue two programs of study, they may not both be owned by the same offering unit (department, institute, or center). For example, a student may not declare programs in Russian Language and Culture and in Slavic Studies, both of which are owned by the Department of Slavic

Languages; similarly, a student may not declare programs in Mathematics and in Applied Mathematics, both of which are owned by the Department of Mathematics. All joint majors (*e.g.*, Economics-Political Science) will be considered as owned by both offering units, so that a student may not, for example, major in both Political Science and Economics-Political Science.

If a student chooses to declare two programs of study, the student can, in certain situations, apply a course to both programs ("double-counting"). There are three conditions under which students may apply a course to two programs, and depending on the two programs declared, some or all of these conditions may apply:

1. If two programs both require the same coursework to teach fundamental skills needed for the field, those courses may be applied to both programs. The Committee on Instruction has defined that coursework as the following:

- (1) elementary and intermediate foreign language courses;
- (2) the calculus sequence (I through IV, or Honors A and B);
- (3) introductory courses in Statistics (STAT UN1101 or 1201);
- (4) the introductory course in computer programming (COMS W1004).

If faculty members feel that other courses should be included in this category, those courses would need to be approved for such purpose by the Committee on Instruction.

2. In addition to double-counting any fundamental courses enumerated above, a student pursuing two programs of study may apply a maximum of two classes to both programs, if applicable. Offering departments, institutes, or centers may choose to restrict the double-counting of particular courses, and such restrictions cannot be appealed.

3. In addition to those courses that can be double-counted as noted above, a maximum of two courses taken to fulfill the Global Core, Science or Foreign Language Requirements can also be counted toward the requirements of a program of study (major, concentration, special concentration), if applicable. Literature Humanities, Contemporary Civilization, Frontiers of Science, Art Humanities, Music Humanities, and University Writing may not be double-counted for any major, concentration or special concentration.

SUPERVISED INDEPENDENT STUDY

Supervised individual work on a special topic is available to qualified students as an alternative or as a supplement to courses and seminars in the field of specialization. Students must develop a plan of study with a faculty adviser and then obtain the approval of the department. Progress reports are submitted as required. From one to six points of credit may be awarded for this work; the exact number of points is to be determined in consultation with the department.

Approval depends on the quality of the proposal, the student's qualifications, and the availability of an appropriate faculty adviser.

PLANNING AN ACADEMIC PROGRAM

When planning their academic program, students are expected to consult with their advising deans in the [Berick Center for Student Advising](#) and with the faculty advisers in the relevant academic departments. Advising deans in the [Berick Center for Student Advising](#) advise students on general graduation requirements and monitor students' progress toward completing the Core Curriculum. [Directors of Undergraduate Studies \(DUS\)](#), and other faculty in academic departments, advise students on the requirements majors, concentrations, and/or special concentrations.

Advising deans in the [James H. and Christine Turk Berick Center for Student Advising \(CSA\)](#), located in 403 Lerner, guide and support undergraduates at Columbia College and Columbia Engineering as they navigate their academic and co-curricular lives at Columbia University. Students are assigned an advising dean in the summer before matriculation. Productive advising is built on a partnership in which the student and the adviser work together: the spirit of an ideal advising partnership is one of mutual engagement, responsiveness, and dedication. Regular advising conversations - the fundamental building blocks of the partnership - enable an adviser to serve as a knowledgeable resource, reliable guide, and a source for referrals, so that students may make the most of all the opportunities available to them inside and outside the classroom during their time at the College. Students can make appointments with their advising deans using the [online appointment system](#).

While students have assigned advising deans, students may make appointments with any of the advisers in the [Berick Center for Student Advising](#). Students who wish to change assigned advising deans are encouraged to make an appointment with Andrew Plaa, Dean of Advising, who can make new adviser assignments.

To ensure successful planning, students should familiarize themselves with the requirements of any academic programs in which they may be interested. In particular, students should note that some concentrations and majors require that certain introductory courses be completed before the start of the junior year. Similarly, study abroad, professional programs, and graduate schools have a range of requirements that must be successfully completed at prescribed times during the undergraduate career.

In particular, students considering a concentration or major in the sciences should focus on required introductory science courses in their first two years, in addition to Core requirements. Students considering a concentration or major in the humanities and social sciences should try to take, in

their first two years, a combination of Core requirements and introductory level courses in the department(s) in which they are interested in majoring.

Under no circumstances will students be granted more than 8 semesters to complete an additional concentration or major.

In addition, all students should do the following:

1. become thoroughly familiar with the requirements for the degree and with the College regulations, including deadlines;
2. plan to complete *University Writing (ENGL CC1010)*, *Frontiers of Science (SCNC CC1000)*, *Masterpieces of Western Literature and Philosophy I & II (HUMA CC1001-HUMA CC1002)* during the first year, as well as *Introduction to Contemporary Civilization in the West (COCI CC1101 -COCI CC1102)* by the end of the sophomore year; and
3. choose a major or concentration in their fourth term (*i.e.*, spring semester of sophomore year).

Students will declare a concentration or major either through an online declaration process or by the submission of a paper declaration form to the [Berick Center for Student Advising](#), 403 Lerner. Some concentrations and majors require departmental review, and students can only declare these concentrations or majors after receiving approval by the department. A concentration or major may be changed at any time as long as the requisite departmental approval is received, the requirements have been or can be fulfilled, and students can still graduate by the end of their eighth semester. If a change of concentration or major is decided upon, a new declaration form must be filed online or in hard copy with the advising dean in the [Berick Center for Student Advising](#).

ADVISING FOR FIRST-YEAR STUDENTS

In the summer, each incoming student receives the *Academic Planning Guide for New Students*, which is designed to assist incoming students in planning and creating their academic programs. Incoming students should read the *Academic Planning Guide for New Students* prior to their first advising appointment. Students will receive information by email about opportunities to connect with their advising deans in the summer.

Each first-year student is preregistered for *Literature Humanities* as well as for *Frontiers of Science* or *University Writing*. (First-year students are pre-registered for either *Frontiers of Science* or *University Writing* in the Fall term and take the other course in the Spring term.)

All incoming students are expected to meet with their advising deans in the [Berick Center for Student Advising](#) during the summer (in person, by phone, or online), during the New Student Orientation Program (NSOP), and/or in the first two

weeks of the term (Change-of-Program period) in order to discuss their fall course selections, their transition to college, and their short- and long-term goals, and to learn about other advising resources and offices available to them at Columbia.

Students are expected to stay in touch regularly with their advising deans in the [Berick Center for Student Advising](#) throughout their time at Columbia.

Approval depends on the quality of the proposal, the student's qualifications, and the availability of an appropriate faculty adviser.

REQUIREMENTS FOR TRANSFER STUDENTS

Columbia College offers transfer students the opportunity to experience a wide-ranging liberal arts education that includes its Core Curriculum and a broad range of majors and concentrations. In order to graduate from Columbia College with a Bachelor of Arts (B.A.) degree, all transfer students must successfully complete a minimum of 124 points of academic credit, which must include the full [Core Curriculum](#), the requirements for one major or concentration, and courses taken for elective credit. Students must also complete all coursework with an overall GPA of 2.0 or higher.

Transfer students are expected to complete the B.A. degree in six full-time semesters (for students entering Columbia College in the sophomore year) or four full-time semesters (for students entering Columbia College in the junior year). The last two semesters must be taken while enrolled in the College for study on this campus or on one of the [Columbia-sponsored international programs](#).

Class standing for students transferring to Columbia College is determined prior to matriculation and is based on the number of terms and credits completed at the home institution. Twelve credits is the equivalent of one full-time term. A transfer student's class standing will remain in place for the duration of the student's time in Columbia College, regardless of future credits earned. Once they have matriculated, transfer students may be assigned additional advanced standing like Advanced Placement, International Baccalaureate and other standardized examination credit, but their class status will remain the same. This policy remains in place even when students are eligible to graduate in less than eight terms.

Upon admission to Columbia College, transfer students should familiarize themselves with the regulations pertaining to their special status (see [Academic Regulations—Regulations for Transfer Students](#)).

CORE CURRICULUM

The Center for the Core Curriculum

202 Hamilton
212-854-2453
core-curriculum@columbia.edu

The Core Curriculum is the cornerstone of the Columbia College education. The central intellectual mission of the Core is to provide all students with wide-ranging perspectives on significant ideas and achievements in literature, philosophy, history, music, art, and science.

Contemporary Civilization began in 1919 as a course on war and peace issues, and the creation of *Literature Humanities* followed in 1937. By 1947, *Art Humanities* and *Music Humanities* had been added, and a new course in *Asian Humanities* was introduced. The Global Core requirement, formerly Major Cultures, joined the Core in 1990, and *Frontiers of Science* in 2004. Though celebrated for their content, Core Curriculum courses are equally important for their small class format. Taught in seminars of approximately twenty-two students, these courses ensure that education at Columbia begins with an emphasis on active intellectual engagement. The small class sizes provide students with opportunities to develop intellectual relationships with faculty early on in their College career and to participate in a shared process of intellectual inquiry. In the Core Curriculum, the pursuit of better questions is every bit as important as the pursuit of better answers. The skills and habits honed by the Core—careful observation, close analysis, effective argument, imaginative comparison, and respect for a variety of ideas—provide a rigorous preparation for life as an engaged citizen in today's complex and changing world.

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LITERATURE HUMANITIES

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Literature Humanities Website

HUMA CC1001-HUMA CC1002 EURPN LIT-PHILOS MASTRPIECES II, popularly known as “Literature Humanities” or “Lit Hum,” is a year-long course that offers Columbia College students the opportunity to engage in intensive study and discussion of some of the most significant texts of Western culture. The course is not a survey, but a series of careful readings of literary works that reward both first encounters and long study. Whether classwork focuses on the importance of the text to literary history or on its significance to our contemporary culture, the goal is to consider particular conceptions of what it means to be human as well as the place of such conceptions in the development of critical thought.

The principal objectives of *Literature Humanities* are to teach students to analyze literary texts and to construct well-reasoned arguments. An interdepartmental staff of professorial and preceptorial faculty meets with groups of approximately twenty-two students for four hours a week in order to discuss texts by Homer, Enheduanna, Sappho, Aeschylus, Suzan-Lori Parks, Plato, Virgil, Apuleius, Augustine, Ibn ‘Arabi, Marie de France, Dante, Montaigne, Shakespeare, Cervantes, Austen, Machado de Assis, Dostoevsky, Kafka, Woolf, Ce#saire, Morrison, Rankine, and Kim, as well as Hebrew Scriptures and New Testament writings.

REGISTRATION PROCEDURE

All information concerning registration in

HUMA CC1001-HUMA CC1002 EURPN LIT-PHILOS MASTRPIECES II is included in the registration materials sent to students. All first-year students are preregistered in *Literature Humanities*.

All Core Curriculum courses, including *Literature Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Literature Humanities* after the Core drop deadline, which is also the end of the Change-of-Program period (p. 4). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

HUMA CC1001 EURPN LIT-PHILOS MASTERPIECES I. 4.00 points.

Taught by members of the Departments of Classics; English and Comparative Literature; French; German; Italian; Middle Eastern, South Asian, and African Studies; Philosophy; Religion; Slavic Languages; and Latin American and Iberian Cultures; as well as members of the Society of Fellows. Major works by over twenty authors, ranging in time, theme, and genre, from Homer to Virginia Woolf. Students are expected to write at least two papers, to complete two examinations each semester, and to participate actively in class discussions

Fall 2022: HUMA CC1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1001	001/11099	M W 8:10am - 10:00am 607 Hamilton Hall	Ami Yoon	4.00	20/22
HUMA 1001	002/11101	M W 8:10am - 10:00am 301 Hamilton Hall	Nancy Workman	4.00	22/22
HUMA 1001	003/11103	M W 8:10am - 10:00am 306 Hamilton Hall	Sheila Byers	4.00	17/22
HUMA 1001	004/11104	M W 8:10am - 10:00am 309 Hamilton Hall	Tylar Colleluori	4.00	20/22
HUMA 1001	005/11106	M W 12:10pm - 2:00pm 111 Carman Hall	Taarini Mookherjee	4.00	22/22
HUMA 1001	006/11107	M W 12:10pm - 2:00pm 109 Hartley Hall	Nicole Gervasio	4.00	22/22
HUMA 1001	007/11108	M W 12:10pm - 2:00pm 301 Hamilton Hall	Benjamin VanWagoner	4.00	22/22
HUMA 1001	008/11110	M W 12:10pm - 2:00pm 206 Broadway Residence Hall	Warren Kluber	4.00	21/22
HUMA 1001	009/11111	M W 12:10pm - 2:00pm 402 Hamilton Hall	Nolan Gear	4.00	22/22
HUMA 1001	010/11112	M W 12:10pm - 2:00pm 306 Hamilton Hall	Julie Crawford	4.00	20/22
HUMA 1001	011/11113	M W 12:10pm - 2:00pm 306 Uris Hall	Thomas Preston	4.00	21/22
HUMA 1001	012/11114	M W 2:10pm - 4:00pm 302 Hamilton Hall	Jessica Collins	4.00	22/22
HUMA 1001	013/11115	M W 2:10pm - 4:00pm 301 Hamilton Hall	Benjamin VanWagoner	4.00	19/22
HUMA 1001	014/11119	M W 2:10pm - 4:00pm 109 Hartley Hall	Nicole Gervasio	4.00	22/22
HUMA 1001	015/11120	M W 2:10pm - 4:00pm 253 Engineering Terrace	Caio Ferreira	4.00	20/22
HUMA 1001	016/11116	M W 2:10pm - 4:00pm	Matthew Hart	4.00	21/22

		402 Hamilton Hall							306 Hamilton Hall			
HUMA 1001	017/11117	M W 2:10pm - 4:00pm	Seth Kimmel	4.00	17/22	HUMA 1001	039/11150	T Th 10:10am - 12:00pm	Pier Mattia Tommasino	4.00	21/22	
		316 Hamilton Hall						402 Hamilton Hall				
HUMA 1001	018/11118	M W 2:10pm - 4:00pm	Naomi Michalowicz	4.00	21/22	HUMA 1001	040/11156	T Th 12:10pm - 2:00pm	Hannah Weaver	4.00	18/22	
		306 Uris Hall						301 Hamilton Hall				
HUMA 1001	019/11124	M W 4:10pm - 6:00pm	Margo Shohl	4.00	20/22	HUMA 1001	041/11158	T Th 12:10pm - 2:00pm	Sailakshmi Ramgopal	4.00	22/22	
		301 Hamilton Hall						Sat Alfred Lerner Hall				
HUMA 1001	020/11126	M W 4:10pm - 6:00pm	Lisa Hollibaugh	4.00	21/22	HUMA 1001	042/11161	T Th 12:10pm - 2:00pm	Rachel Zhang	4.00	19/22	
		306 Hamilton Hall						111 Carman Hall				
HUMA 1001	021/11127	M W 4:10pm - 6:00pm	Isabella Livorni	4.00	22/22	HUMA 1001	043/11159	T Th 12:10pm - 2:00pm	Emily Madison	4.00	22/22	
		309 Hamilton Hall						109 Hartley Hall				
HUMA 1001	022/11128	M W 4:10pm - 6:00pm	Taarini Mookherjee	4.00	22/22	HUMA 1001	044/11163	T Th 12:10pm - 2:00pm	Rebecca Kastleman	4.00	20/22	
		306 Uris Hall						206 Broadway Residence Hall				
HUMA 1001	023/11130	M W 4:10pm - 6:00pm	Jeffrey Wayno	4.00	22/22							
		402 Hamilton Hall				HUMA 1001	045/11164	T Th 12:10pm - 2:00pm	Vadim Shkolnikov	4.00	17/22	
HUMA 1001	024/11132	M W 6:10pm - 8:00pm	Catherine Bloomer	4.00	11/22			306 Hamilton Hall				
		301 Hamilton Hall				HUMA 1001	046/11165	T Th 2:10pm - 4:00pm	Jude Webre	4.00	22/22	
HUMA 1001	025/11134	M W 6:10pm - 8:00pm	Luca Naponiello	4.00	16/22			306 Hamilton Hall				
		306 Hamilton Hall				HUMA 1001	047/11166	T Th 2:10pm - 4:00pm	Marc Van De Mieroop	4.00	16/22	
HUMA 1001	026/11135	M W 6:10pm - 8:00pm	Alec Joyner	4.00	21/22			309 Hamilton Hall				
		309 Hamilton Hall				HUMA 1001	048/11167	T Th 2:10pm - 4:00pm	Molly Murray	4.00	21/22	
HUMA 1001	027/11136	M W 6:10pm - 8:00pm	Anna Borgarello	4.00	22/22			111 Carman Hall				
		111 Carman Hall				HUMA 1001	049/11168	T Th 2:10pm - 4:00pm	Ayten Tartici	4.00	22/22	
HUMA 1001	028/11138	T Th 8:10am - 10:00am	Claudia Kelley	4.00	21/22			206 Broadway Residence Hall				
		304 Hamilton Hall				HUMA 1001	050/11169	T Th 2:10pm - 4:00pm	Will Glovinsky	4.00	22/22	
HUMA 1001	029/11141	T Th 8:10am - 10:00am	Ben Hooyman	4.00	22/22			302 Hamilton Hall				
		306 Hamilton Hall				HUMA 1001	051/11170	T Th 2:10pm - 4:00pm	Begona Alberdi	4.00	19/22	
HUMA 1001	030/11139	T Th 8:10am - 10:00am	Gabrielle Ferrari	4.00	22/22			301 Hamilton Hall				
		309 Hamilton Hall				HUMA 1001	052/11171	T Th 4:10pm - 6:00pm	Offer Dynes	4.00	18/22	
HUMA 1001	031/11140	T Th 8:10am - 10:00am	Laura DiNardo	4.00	22/22			306 Hamilton Hall				
		301 Hamilton Hall				HUMA 1001	053/11173	T Th 4:10pm - 6:00pm	Evan Parks	4.00	22/22	
HUMA 1001	032/11143	T Th 10:10am - 12:00pm	Will Glovinsky	4.00	22/22			309 Hamilton Hall				
		109 Hartley Hall				HUMA 1001	054/11174	T Th 4:10pm - 6:00pm	Charles J Pletcher	4.00	20/22	
HUMA 1001	033/11144	T Th 10:10am - 12:00pm	Michael Stanislawski	4.00	22/22			111 Carman Hall				
		301 Hamilton Hall				HUMA 1001	055/11175	T Th 4:10pm - 6:00pm	Caio Ferreira	4.00	22/22	
HUMA 1001	034/11146	T Th 10:10am - 12:00pm	Clemence Boulouque	4.00	21/22			206 Broadway Residence Hall				
		309 Hamilton Hall				HUMA 1001	056/11176	T Th 4:10pm - 6:00pm	Begona Alberdi	4.00	21/22	
HUMA 1001	035/11147	T Th 10:10am - 12:00pm	Rachel Aumiller	4.00	16/22			301 Hamilton Hall				
		111 Carman Hall				HUMA 1001	057/11177	T Th 4:10pm - 6:00pm	Lorenzo Mecozzi	4.00	22/22	
HUMA 1001	036/11152	T Th 10:10am - 12:00pm	Alejandro Cuadrado	4.00	20/22			302 Hamilton Hall				
		206 Broadway Residence Hall				HUMA 1001	058/11178	T Th 6:10pm - 8:00pm	Sophie Riemenschneider	4.00	19/22	
HUMA 1001	037/11148	T Th 10:10am - 12:00pm	Joanna Stalnaker	4.00	22/22			306 Hamilton Hall				
		707 Hamilton Hall				HUMA 1001	059/11179	T Th 6:10pm - 8:00pm	Maude Meisel	4.00	18/22	
HUMA 1001	038/11149	T Th 10:10am - 12:00pm	Nicholas Dames	4.00	22/22							

HUMA 1001	060/11180	309 Hamilton Hall T Th 6:10pm - 8:00pm	Sonja Wermager	4.00	21/22	HUMA 1002	013/10529	M W 2:10pm - 4:00pm 609 Hamilton Hall	Benjamin VanWagoner	4.00	21/22
HUMA 1001	067/16087	111 Carman Hall M W 12:10pm - 2:00pm	Lien Van Geel	4.00	16/22	HUMA 1002	014/10530	M W 2:10pm - 4:00pm 302 Hamilton Hall	Nicole Gervasio	4.00	21/22
HUMA 1001	069/16088	Schiff Earl Hall T Th 10:10am - 12:00pm	Katherine Raichlen	4.00	21/22	HUMA 1002	015/10531	M W 2:10pm - 4:00pm 109 Hartley Hall	Caio Ferreira	4.00	22/22
HUMA 1001	070/16089	613 Hamilton Hall T Th 12:10pm - 2:00pm	Lorenzo Mecozzi	4.00	20/22	HUMA 1002	016/10532	M W 2:10pm - 4:00pm 201a Philosophy Hall	Matthew Hart	4.00	20/22
		402 Hamilton Hall				HUMA 1002	017/10533	M W 2:10pm - 4:00pm 607 Hamilton Hall	Seth Kimmel	4.00	21/22

HUMA CC1002 EURPN LIT-PHILOS MASTRPIECS II. 4.00 points.

Taught by members of the Departments of Classics; English and Comparative Literature; French; German; Italian; Middle Eastern, South Asian, and African Studies; Philosophy; Religion; Slavic Languages; and Spanish; as well as members of the Society of Fellows. Major works by over twenty authors, ranging in time, theme, and genre, from Homer to Virginia Woolf. Students are expected to write at least two papers, to complete two examinations each semester, and to participate actively in class discussions

Spring 2023: HUMA CC1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						
HUMA 1002	001/10517	M W 8:10am - 10:00am 607 Hamilton Hall	Ami Yoon	4.00	22/22	HUMA 1002	022/10538	M W 4:10pm - 6:00pm 306 Uris Hall	Taarini Mookherjee	4.00	22/22
HUMA 1002	002/10518	M W 8:10am - 10:00am 301 Hamilton Hall	Nancy Workman	4.00	21/22	HUMA 1002	023/10539	M W 4:10pm - 6:00pm 402 Hamilton Hall	Jeffrey Wayno	4.00	22/22
HUMA 1002	003/10519	M W 8:10am - 10:00am 306 Hamilton Hall	Sheila Byers	4.00	15/22	HUMA 1002	024/10540	M W 6:10pm - 8:00pm 301 Hamilton Hall	Catherine Bloomer	4.00	12/22
HUMA 1002	004/10520	M W 8:10am - 10:00am 309 Hamilton Hall	Tylar Colleluori	4.00	22/22	HUMA 1002	025/10541	M W 6:10pm - 8:00pm 306 Hamilton Hall	Luca Naponiello	4.00	19/22
HUMA 1002	005/10521	M W 12:10pm - 2:00pm 111 Carman Hall	Taarini Mookherjee	4.00	22/22	HUMA 1002	026/10542	M W 6:10pm - 8:00pm 309 Hamilton Hall	Alec Joyner	4.00	20/22
HUMA 1002	006/10522	M W 12:10pm - 2:00pm 302 Hamilton Hall	Nicole Gervasio	4.00	21/22	HUMA 1002	027/10543	M W 6:10pm - 8:00pm 111 Carman Hall	Anna Borgarello	4.00	21/22
HUMA 1002	007/10523	M W 12:10pm - 2:00pm 609 Hamilton Hall	Benjamin VanWagoner	4.00	22/22	HUMA 1002	028/10544	T Th 8:10am - 10:00am 304 Hamilton Hall	Claudia Kelley	4.00	20/22
HUMA 1002	008/10524	M W 12:10pm - 2:00pm 402 Hamilton Hall	Meg Armstrong	4.00	22/22	HUMA 1002	029/10545	T Th 8:10am - 10:00am 306 Hamilton Hall	Ben Hooyman	4.00	22/22
HUMA 1002	009/10525	M W 12:10pm - 2:00pm 569 Alfred Lerner Hall	Nolan Gear	4.00	21/22	HUMA 1002	030/10546	T Th 8:10am - 10:00am 309 Hamilton Hall	Gabrielle Ferrari	4.00	20/22
HUMA 1002	010/10526	M W 2:10pm - 4:00pm 306 Hamilton Hall	Julie Crawford	4.00	21/22	HUMA 1002	031/10547	T Th 8:10am - 10:00am 301 Hamilton Hall	Laura DiNardo	4.00	22/22
HUMA 1002	011/10527	M W 12:10pm - 2:00pm 306 Uris Hall	Thomas Preston	4.00	22/22	HUMA 1002	032/10548	T Th 10:10am - 12:00pm 313 Pupin Laboratories	Will Glovinsky	4.00	22/22
HUMA 1002	012/10528	M W 2:10pm - 4:00pm 613 Hamilton Hall	Jessica Collins	4.00	21/22	HUMA 1002	033/10549	T Th 10:10am - 12:00pm 301 Hamilton Hall	Michael Stanislawski	4.00	15/22
						HUMA 1002	034/10550	T Th 10:10am - 12:00pm	Clemence Boulouque	4.00	22/22

HUMA 1002	035/10551	309 Hamilton Hall T Th 10:10am - 12:00pm	Rachel Aumiller	4.00	22/22
HUMA 1002	036/10552	111 Carman Hall T Th 10:10am - 12:00pm	Alejandro Cuadrado	4.00	15/22
HUMA 1002	037/10553	607 Hamilton Hall T Th 10:10am - 12:00pm	Joanna Stalnaker	4.00	22/22
HUMA 1002	038/10554	707 Hamilton Hall T Th 10:10am - 12:00pm	Nicholas Dames	4.00	22/22
HUMA 1002	039/10555	306 Hamilton Hall T Th 10:10am - 12:00pm	Pier Mattia Tommasino	4.00	22/22
HUMA 1002	040/10556	402 Hamilton Hall T Th 12:10pm - 2:00pm	Hannah Weaver	4.00	21/22
HUMA 1002	041/10557	301 Hamilton Hall T Th 12:10pm - 2:00pm	Bianca Calabresi	4.00	7/22
HUMA 1002	042/10558	607 Hamilton Hall T Th 12:10pm - 2:00pm	Rachel Zhang	4.00	18/22
HUMA 1002	043/10559	306 Hamilton Hall T Th 12:10pm - 2:00pm	Emily Madison	4.00	22/22
HUMA 1002	044/10560	109 Hartley Hall T Th 12:10pm - 2:00pm	Rebecca Kastleman	4.00	23/22
HUMA 1002	045/10561	Sat Alfred Lerner Hall T Th 12:10pm - 2:00pm	Vadim Shkolnikov	4.00	7/22
HUMA 1002	046/10562	111 Carman Hall T Th 2:10pm - 4:00pm	Edward Mendelson	4.00	22/22
HUMA 1002	047/10563	306 Hamilton Hall T Th 2:10pm - 4:00pm	Marc Van De Mierop	4.00	14/22
HUMA 1002	048/10564	309 Hamilton Hall T Th 2:10pm - 4:00pm	Molly Murray	4.00	22/22
HUMA 1002	049/10565	111 Carman Hall T Th 2:10pm - 4:00pm	Ayten Tartici	4.00	19/22
HUMA 1002	050/10566	206 Broadway Residence Hall T Th 2:10pm - 4:00pm	Will Glovinsky	4.00	22/22
HUMA 1002	051/10567	302 Hamilton Hall T Th 2:10pm - 4:00pm	Begona Alberdi	4.00	22/22
HUMA 1002	052/10568	301 Hamilton Hall T Th 4:10pm - 6:00pm	Offer Dynes	4.00	22/22
HUMA 1002	053/10569	306 Hamilton Hall T Th 4:10pm - 6:00pm	Evan Parks	4.00	22/22
HUMA 1002	054/10570	309 Hamilton Hall T Th 4:10pm - 6:00pm	Charles J Pletcher	4.00	22/22
HUMA 1002	055/10571	111 Carman Hall T Th 4:10pm - 6:00pm	Caio Ferreira	4.00	22/22
HUMA 1002		206 Broadway Residence Hall			

HUMA 1002	056/10572	T Th 4:10pm - 6:00pm 301 Hamilton Hall	Begona Alberdi	4.00	22/22
HUMA 1002	057/10573	T Th 4:10pm - 6:00pm 302 Hamilton Hall	Lorenzo Mecozzi	4.00	22/22
HUMA 1002	058/10574	T Th 6:10pm - 8:00pm 306 Uris Hall	Sophie Riemenschneider	4.00	23/22
HUMA 1002	059/10575	T Th 6:10pm - 8:00pm 309 Hamilton Hall	Maude Meisel	4.00	21/22
HUMA 1002	060/10576	T Th 6:10pm - 8:00pm 111 Carman Hall	Sonja Wermager	4.00	22/22
HUMA 1002	067/10577	M W 12:10pm - 2:00pm 109 Hartley Hall	Lien Van Geel	4.00	12/22
HUMA 1002	069/10578	T Th 10:10am - 12:00pm 569 Alfred Lerner Hall	Katherine Raichlen	4.00	22/22
HUMA 1002	070/10579	T Th 12:10pm - 2:00pm 402 Hamilton Hall	Lorenzo Mecozzi	4.00	19/22

CONTEMPORARY CIVILIZATION

Chair for Contemporary Civilization

Prof. Carol Rovane

Violin Family Professor of Philosophy

711 Philosophy

212-854-8618

cr260@columbia.edu

Contemporary Civilization Website

The central purpose of *COCI CC1101-COCI CC1102 CONTEMP WESTRN CIVILIZATION II*, also known as “*Contemporary Civilization*” or “CC”, is to introduce students to a range of issues concerning the kinds of communities—political, social, moral, and religious—that human beings construct for themselves and the values that inform and define such communities, in order to prepare students to become active and informed citizens. Founded in 1919 as a course on war and peace issues, *Contemporary Civilization* has evolved continuously while remaining a constant and essential element of the Columbia College curriculum. The course asks students to read closely texts in various traditions of argument and to construct arguments of their own, both in speech and in writing, about some of the explicit and implicit issues that these texts raise.

Both the form and the content of the course contribute to the achievement of its aims. The discussion format is intended to respond in a palpable way to the existence, in these traditions, of different and often conflicting points of view; to embody the possibility of reasoned discourse among people who hold disparate convictions; and to help students sharpen their own

skills of thought and argument about matters of current personal and civic concern through participating in and extending the debates of the past. The *Contemporary Civilization* syllabus introduces students to a set of ideas and arguments that has played a formative role in the political and cultural history of our time, alerts them to ideas that have not held an influential role in that history, and acquaints them with some exemplars of critical thinking about alternative cultures, institutions, and practices.

Because *Contemporary Civilization* is a year-long course, readings are necessarily selective. While these readings change from time to time, the factors that lead to adoption of a text always include historical influence, the presentation of ideas of enduring importance, and the demonstrated ability of a text to provoke productive discussion. Among the readings currently required in the course are the Bible, *The Qur'an*, Plato, Aristotle, Augustine, Machiavelli, Aquinas, Christine de Pizan, Descartes, Hobbes, Locke, Rousseau, Smith, Kant, Wollstonecraft, Tocqueville, Mill, Marx, Darwin, Nietzsche, Ambedkar, Du Bois, Gandhi, Arendt, Fanon, and Foucault.

REGISTRATION PROCEDURE

All information concerning registration in *COCI CC1101-COCI CC1102 CONTEMP WESTRN CIVILIZATION II* is included in the registration materials sent to students. Students normally take *Contemporary Civilization* in their second year at Columbia.

All Core Curriculum courses, including *Contemporary Civilization*, must be taken for a letter grade. Students may not drop or withdraw from *Contemporary Civilization* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

COCI CC1101 CONTEMP WESTERN CIVILIZATION I. 4.00 points.

Taught by members of the Departments of Anthropology, Classics, English and Comparative Literature, French, German, History, Latin American and Iberian Cultures, Middle Eastern, South Asian, and African Studies, Philosophy, Political Science, Religion, Slavic Languages, and Sociology; and members of the Society of Fellows. A study in their historical context of major contributions to the intellectual traditions that underpin contemporary civilization. Emphasis is on the history of political, social, and philosophical thought. Students are expected to write at least three papers to complete two examinations, and to participate actively in class discussions

Fall 2022: COCI CC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COCI 1101	001/11189	M W 8:10am - 10:00am 206 Broadway Residence Hall	David Ragazzoni	4.00	21/22

COCI 1101	002/11190	M W 8:10am - 10:00am 303 Hamilton Hall	Michael Gottsegen	4.00	12/22
COCI 1101	003/11191	M W 8:10am - 10:00am 402 Hamilton Hall	Mariana Noe	4.00	21/22
COCI 1101	004/11192	M W 8:10am - 10:00am 315 Hamilton Hall	Steven Baker	4.00	22/22
COCI 1101	005/11193	M W 10:10am - 12:00pm 309 Hamilton Hall	Conor Cullen	4.00	22/22
COCI 1101	006/11194	M W 10:10am - 12:00pm 301 Hamilton Hall	Camille Robcis	4.00	20/22
COCI 1101	007/11195	M W 10:10am - 12:00pm 306 Hamilton Hall	Lam Hui	4.00	22/22
COCI 1101	008/11196	M W 10:10am - 12:00pm 111 Carman Hall	Sean Colonna	4.00	22/22
COCI 1101	009/11197	M W 10:10am - 12:00pm 206 Broadway Residence Hall	Brooks Swett	4.00	22/22
COCI 1101	010/11198	M W 10:10am - 12:00pm C01 80 Claremont	Benjamin Mueser	4.00	22/22
COCI 1101	011/11199	M W 10:10am - 12:00pm 402 Hamilton Hall	Jesse Chevan	4.00	22/22
COCI 1101	012/11201	M W 12:10pm - 2:00pm 412 Pupin Laboratories	Aziza Shanazarova	4.00	22/22
COCI 1101	013/11202	M W 12:10pm - 2:00pm 302 Hamilton Hall	Joshua Whitford	4.00	22/22
COCI 1101	014/11203	M W 12:10pm - 2:00pm 507 Hamilton Hall	Nada Khalifa	4.00	21/22
COCI 1101	015/11204	M W 12:10pm - 2:00pm 313 Pupin Laboratories	Brittany Koffer	4.00	22/22
COCI 1101	016/11205	M W 12:10pm - 2:00pm 511 Hamilton Hall	Mario Cancel-Bigay	4.00	22/22
COCI 1101	017/11206	M W 12:10pm - 2:00pm 309 Hamilton Hall	Conor Cullen	4.00	21/22
COCI 1101	018/11208	M W 2:10pm - 4:00pm 412 Pupin Laboratories	Bruno Bosteels	4.00	22/22
COCI 1101	019/11209	M W 2:10pm - 4:00pm 707 Hamilton Hall	Nadia Urbinati	4.00	13/22
COCI 1101	020/11211	M W 2:10pm - 4:00pm 425 Pupin Laboratories	Christopher Hoffman	4.00	22/22
COCI 1101	021/11212	M W 2:10pm - 4:00pm 206 Broadway Residence Hall	Jenna Schoen	4.00	21/22

COCI 1101 022/11213	M W 2:10pm - 4:00pm 511 Hamilton Hall	Roosevelt Montas	4.00	21/22	COCI 1101 043/11446	T Th 10:10am - 12:00pm 325 Pupin Laboratories	Zachary Levine	4.00	22/22
COCI 1101 023/11214	M W 2:10pm - 4:00pm 111 Carman Hall	Caroline Marris	4.00	22/22	COCI 1101 044/11447	T Th 10:10am - 12:00pm 318 Hamilton Hall	Emmanuelle Saada	4.00	22/22
COCI 1101 024/11215	M W 2:10pm - 4:00pm 313 Pupin Laboratories	Brooks Swett	4.00	22/22	COCI 1101 045/11448	T Th 10:10am - 12:00pm 329 Uris Hall	Ali Karjoo-Ravary	4.00	21/22
COCI 1101 025/11216	M W 4:10pm - 6:00pm 318 Hamilton Hall	Branka Arsic	4.00	22/22	COCI 1101 046/11449	T Th 10:10am - 12:00pm 201a Philosophy Hall	Philomena Polefrone	4.00	22/22
COCI 1101 026/11220	M W 4:10pm - 6:00pm 111 Carman Hall	Caroline Marris	4.00	22/22	COCI 1101 047/11450	T Th 10:10am - 12:00pm 607 Hamilton Hall	Marcus Folch	4.00	13/22
COCI 1101 027/11240	M W 4:10pm - 6:00pm 206 Broadway Residence Hall	Jenna Schoen	4.00	13/22	COCI 1101 048/11451	T Th 10:10am - 12:00pm 569 Alfred Lerner Hall	Nadia Sariahmed	4.00	22/22
COCI 1101 028/11223	M W 4:10pm - 6:00pm 412 Pupin Laboratories	Aled Roberts	4.00	22/22	COCI 1101 049/11452	T Th 2:10pm - 4:00pm 402 Hamilton Hall	Allison Aitken	4.00	22/22
COCI 1101 029/11226	M W 4:10pm - 6:00pm 302 Hamilton Hall	Kathy Eden	4.00	22/22	COCI 1101 050/11453	T Th 2:10pm - 4:00pm 306 Uris Hall	Isabel Huacuja Alonso	4.00	22/22
COCI 1101 030/11230	M W 4:10pm - 6:00pm 109 Hartley Hall	Brittany Koffer	4.00	22/22	COCI 1101 051/11454	T Th 2:10pm - 4:00pm 607 Hamilton Hall	Catherine Evtuhov	4.00	21/22
COCI 1101 031/11233	M W 4:10pm - 6:00pm 607 Hamilton Hall	Benjamin Mueser	4.00	22/22	COCI 1101 052/11455	T Th 2:10pm - 4:00pm 412 Pupin Laboratories	Marwa Elshakry	4.00	22/22
COCI 1101 032/11238	M W 4:10pm - 6:00pm 316 Hamilton Hall	Larry Jackson	4.00	21/22	COCI 1101 053/11456	T Th 2:10pm - 4:00pm 511 Hamilton Hall	Richard Billows	4.00	22/22
COCI 1101 033/11244	M W 6:10pm - 8:00pm 109 Hartley Hall	Prashant Iyengar	4.00	20/22	COCI 1101 054/11457	T Th 2:10pm - 4:00pm 329 Uris Hall	Mario Cancel-Bigay	4.00	22/22
COCI 1101 034/11245	M W 6:10pm - 8:00pm 302 Hamilton Hall	Gal Katz	4.00	15/22	COCI 1101 055/11458	T Th 2:10pm - 4:00pm 424 Pupin Laboratories	Ryan Carr	4.00	22/22
COCI 1101 035/11247	M W 6:10pm - 8:00pm 402 Hamilton Hall	David Lerer	4.00	22/22	COCI 1101 056/11459	T Th 10:10am - 12:00pm Sat Alfred Lerner Hall	Elizabeth Dolfi	4.00	20/22
COCI 1101 036/11251	M W 6:10pm - 8:00pm 306 Uris Hall	Chloe Vaughn	4.00	21/22	COCI 1101 057/11460	T Th 2:10pm - 4:00pm Schiff Earl Hall	Clara Maier	4.00	22/22
COCI 1101 037/11440	T Th 8:10am - 10:00am 111 Carman Hall	Amnah Almukhtar	4.00	20/22	COCI 1101 058/11461	T Th 4:10pm - 6:00pm 313 Hamilton Hall	Jeronimo Duarte Riascos	4.00	22/22
COCI 1101 038/11441	T Th 8:10am - 10:00am 206 Broadway Residence Hall	Nadia Sariahmed	4.00	22/22	COCI 1101 059/11462	T Th 4:10pm - 6:00pm 316 Hamilton Hall	Zachary Levine	4.00	20/22
COCI 1101 039/11442	T Th 8:10am - 10:00am 302 Hamilton Hall	Zehra Mehdi	4.00	21/22	COCI 1101 060/11463	T Th 4:10pm - 6:00pm 613 Hamilton Hall	Nader Atassi	4.00	22/22
COCI 1101 040/11443	T Th 8:10am - 10:00am 402 Hamilton Hall	Anthony Garruzzo	4.00	21/22	COCI 1101 061/11464	T Th 4:10pm - 6:00pm 109 Hartley Hall	Ryan Carr	4.00	22/22
COCI 1101 041/11444	T Th 10:10am - 12:00pm Schiff Earl Hall	James Stafford	4.00	21/22	COCI 1101 062/11465	T Th 4:10pm - 6:00pm 306 Uris Hall	Natalia Alexander	4.00	22/22
COCI 1101 042/11445	T Th 10:10am - 12:00pm 302 Hamilton Hall	Matthew Engelke	4.00	22/22					

COCI 1101 063/11466	T Th 4:10pm - 6:00pm 616 Hamilton Hall	Luke MacInnis	4.00	21/22	COCI 1102 011/10597	M W 10:10am - 12:00pm 402 Hamilton Hall	Jesse Chevan	4.00	23/22
COCI 1101 064/11468	T Th 6:10pm - 8:00pm 302 Hamilton Hall	Elaine van Dalen	4.00	22/22	COCI 1102 012/10598	M W 12:10pm - 2:00pm 507 Philosophy Hall	Aziza Shanazarova	4.00	22/22
COCI 1101 065/11469	T Th 6:10pm - 8:00pm 109 Hartley Hall	Niyati Shenoy	4.00	22/22	COCI 1102 013/10599	M W 12:10pm - 2:00pm 509 Hamilton Hall	Joshua Whitford	4.00	22/22
COCI 1101 066/11470	T Th 6:10pm - 8:00pm 402 Hamilton Hall	Rohan Shah	4.00	17/22	COCI 1102 014/10600	M W 12:10pm - 2:00pm Schiff Earl Hall	Luke MacInnis	4.00	21/22
COCI 1101 067/11467	T Th 6:10pm - 8:00pm 613 Hamilton Hall	Veronique Charles	4.00	22/22	COCI 1102 015/10601	M W 12:10pm - 2:00pm 301 Hamilton Hall	Brittany Koffer	4.00	22/22

COCI CC1102 CONTEMP WESTRN CIVILIZATION II. 4.00 points.

Taught by members of the Departments of Anthropology, Classics, English and Comparative Literature, French, German, History, Middle East and Asian Languages and Cultures, Philosophy, Political Science, Religion, Slavic Languages, and Sociology; and members of the Society of Fellows. A study in their historical context of major contributions to the intellectual traditions that underpin contemporary civilization. Emphasis is on the history of political, social, and philosophical thought. Students are expected to write at least three papers to complete two examinations, and to participate actively in class discussions

Spring 2023: COCI CC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment				
COCI 1102 001/10587	M W 8:10am - 10:00am 206 Broadway Residence Hall	David Ragazzoni	4.00	20/22	COCI 1102 021/10607	M W 2:10pm - 4:00pm 206 Broadway Residence Hall	Jenna Schoen	4.00	21/22
COCI 1102 002/10588	M W 8:10am - 10:00am 303 Hamilton Hall	Gal Katz	4.00	11/22	COCI 1102 022/10608	M W 2:10pm - 4:00pm 402 Hamilton Hall	Rohan Shah	4.00	21/22
COCI 1102 003/10589	M W 8:10am - 10:00am 402 Hamilton Hall	Mariana Noe	4.00	22/22	COCI 1102 023/10609	M W 2:10pm - 4:00pm 111 Carman Hall	Caroline Marris	4.00	22/22
COCI 1102 004/10590	M W 8:10am - 10:00am 302 Hamilton Hall	Steven Baker	4.00	22/22	COCI 1102 024/10610	M W 2:10pm - 4:00pm Schiff Earl Hall	Brooks Swett	4.00	21/22
COCI 1102 005/10591	M W 10:10am - 12:00pm 309 Hamilton Hall	Conor Cullen	4.00	20/22	COCI 1102 025/10611	M W 4:10pm - 6:00pm 607 Hamilton Hall	Branka Arsic	4.00	23/22
COCI 1102 006/10592	M W 10:10am - 12:00pm 301 Hamilton Hall	Gal Katz	4.00	19/22	COCI 1102 026/10612	M W 4:10pm - 6:00pm 111 Carman Hall	Caroline Marris	4.00	22/22
COCI 1102 007/10593	M W 10:10am - 12:00pm 306 Hamilton Hall	Amnah Almkhtar	4.00	21/22	COCI 1102 027/10613	M W 4:10pm - 6:00pm 206 Broadway Residence Hall	Jenna Schoen	4.00	19/22
COCI 1102 008/10594	M W 10:10am - 12:00pm 111 Carman Hall	Sean Colonna	4.00	21/22	COCI 1102 028/10614	M W 4:10pm - 6:00pm 609 Hamilton Hall	Aled Roberts	4.00	21/22
COCI 1102 009/10595	M W 10:10am - 12:00pm 206 Broadway Residence Hall	Brooks Swett	4.00	22/22	COCI 1102 029/10615	M W 4:10pm - 6:00pm 302 Hamilton Hall	Kathy Eden	4.00	22/22
COCI 1102 010/10596	M W 10:10am - 12:00pm 616 Hamilton Hall	Benjamin Mueser	4.00	22/22	COCI 1102 030/10616	M W 4:10pm - 6:00pm 109 Hartley Hall	Brittany Koffer	4.00	22/22
					COCI 1102 031/10617	M W 4:10pm - 6:00pm	Benjamin Mueser	4.00	22/22

COCI 1102 032/10618	707 Hamilton Hall M W 4:10pm - 6:00pm	Larry Jackson	4.00	23/22	COCI 1102 052/10638	T Th 2:10pm - 4:00pm 569 Alfred Lerner Hall	Marwa Elshakry	4.00	21/22
COCI 1102 033/10619	318 Hamilton Hall M W 6:10pm - 8:00pm	Prashant Iyengar	4.00	22/22	COCI 1102 053/10639	T Th 2:10pm - 4:00pm 402 Hamilton Hall	Richard Billows	4.00	21/22
COCI 1102 034/10620	109 Hartley Hall M W 6:10pm - 8:00pm	Jude Webre	4.00	22/22	COCI 1102 054/10640	T Th 2:10pm - 4:00pm 329 Uris Hall	Mario Cancel-Bigay	4.00	22/22
COCI 1102 035/10621	302 Hamilton Hall M W 6:10pm - 8:00pm	David Lerer	4.00	22/22	COCI 1102 055/10641	T Th 2:10pm - 4:00pm 315 Hamilton Hall	Ryan Carr	4.00	23/22
COCI 1102 036/10622	402 Hamilton Hall M W 6:10pm - 8:00pm	Chloe Vaughn	4.00	22/22	COCI 1102 056/10642	T Th 10:10am - 12:00pm 5ab Kraft Center	Elizabeth Dolfi	4.00	22/22
COCI 1102 037/10623	306 Uris Hall T Th 8:10am - 10:00am	Nadia Latif	4.00	15/22	COCI 1102 057/10643	T Th 2:10pm - 4:00pm Schiff Earl Hall	Clara Maier	4.00	22/22
COCI 1102 038/10624	111 Carman Hall T Th 8:10am - 10:00am	Jude Webre	4.00	21/22	COCI 1102 058/10644	T Th 4:10pm - 6:00pm 109 Hartley Hall	Jeronimo Duarte Riascos	4.00	22/22
COCI 1102 039/10625	206 Broadway Residence Hall T Th 8:10am - 10:00am	Zehra Mehdi	4.00	21/22	COCI 1102 059/10645	T Th 4:10pm - 6:00pm 507 Philosophy Hall	Zachary Levine	4.00	22/22
COCI 1102 040/10626	302 Hamilton Hall T Th 8:10am - 10:00am	Anthony Garruzzo	4.00	20/22	COCI 1102 060/10646	T Th 4:10pm - 6:00pm 318 Hamilton Hall	Michael Gottsegen	4.00	5/22
COCI 1102 041/10627	402 Hamilton Hall T Th 10:10am - 12:00pm	James Stafford	4.00	21/22	COCI 1102 061/10647	T Th 4:10pm - 6:00pm 315 Hamilton Hall	Ryan Carr	4.00	23/22
COCI 1102 042/10628	Schiff Earl Hall T Th 10:10am - 12:00pm	Matthew Engelke	4.00	22/22	COCI 1102 062/10648	T Th 4:10pm - 6:00pm 306 Uris Hall	Natalia Alexander	4.00	22/22
COCI 1102 043/10629	302 Hamilton Hall T Th 10:10am - 12:00pm	Zachary Levine	4.00	22/22	COCI 1102 063/10649	T Th 4:10pm - 6:00pm 511 Hamilton Hall	Andrew Nathan	4.00	22/22
COCI 1102 044/10630	206 Broadway Residence Hall T Th 10:10am - 12:00pm	Emmanuelle Saada	4.00	22/22	COCI 1102 064/10650	T Th 6:10pm - 8:00pm 302 Hamilton Hall	Elaine van Dalen	4.00	22/22
COCI 1102 045/10631	507 Philosophy Hall T Th 10:10am - 12:00pm	Ali Karjoo-Ravary	4.00	22/22	COCI 1102 065/10651	T Th 6:10pm - 8:00pm 109 Hartley Hall	Niyati Shenoy	4.00	22/22
COCI 1102 046/10632	329 Uris Hall T Th 10:10am - 12:00pm	Philomena Polefrone	4.00	22/22	COCI 1102 066/10652	T Th 6:10pm - 8:00pm 402 Hamilton Hall	Joseph Schittone	4.00	18/22
COCI 1102 047/10633	477 Alfred Lerner Hall T Th 10:10am - 12:00pm	Marcus Folch	4.00	16/22	COCI 1102 067/10653	T Th 6:10pm - 8:00pm 306 Hamilton Hall	Sharon Marcus	4.00	15/22
COCI 1102 048/10634	613 Hamilton Hall T Th 10:10am - 12:00pm	Luke MacInnis	4.00	22/22					
COCI 1102 049/10635	Bwy Alfred Lerner Hall T Th 2:10pm - 4:00pm	Allison Aitken	4.00	22/22					
COCI 1102 050/10636	Sat Alfred Lerner Hall T Th 2:10pm - 4:00pm	Isabel Huacuja Alonso	4.00	21/22					
COCI 1102 051/10637	306 Uris Hall T Th 2:10pm - 4:00pm	Catherine Evtuhov	4.00	22/22					
	318 Hamilton Hall								

ART HUMANITIES

Chair of Art Humanities

Prof. Zoë Strother

Riggio Professor of African Art

811 Schermerhorn

212-854-8529

zss1@columbia.edu

Art Humanities Website

HUMA UN1121 MASTERPIECES OF WESTERN ART, or “*Art Humanities*”, has been a degree requirement for all College students and an integral part of the Core Curriculum

since 1947. It teaches students how to look at, think about, and engage in critical discussion of the visual arts. It is not a historical survey, but an analytical study of a limited number of monuments and artists. The course focuses on the formal structure of works of architecture, sculpture, painting, and other media, as well as the historical contexts in which these works were made and understood. Among the topics on the syllabus are the Parthenon, Amiens Cathedral, and works by Raphael, Sophonisba, Michelangelo, Bernini, Luisa Roldán, Rembrandt, Clara Peeters, David, Angelika Kauffman, Goya, Monet, Manet, Cassatt, Morisot, Picasso, Bearden, Wright, Le Corbusier, Warhol, Basquiat, and Cindy Sherman. In addition to discussion-based class meetings, all sections of Art Humanities make extensive use of the vast resources of New York City through field trips to museums, buildings, and monuments.

REGISTRATION PROCEDURE

All information concerning registration in HUMA UN1121 MASTERPIECES OF WESTERN ART is included in the registration materials sent to students. It is the expectation of the College that all students complete *Art Humanities* by the end of their third year.

All Core Curriculum courses, including *Art Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Art Humanities* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

HUMA UN1121 MASTERPIECES OF WESTERN ART.

3.00 points.

Discussion and analysis of the artistic qualities and significance of selected works of painting, sculpture, and architecture from the Parthenon in Athens to works of the 20th century

Fall 2022: HUMA UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1121	001/10891	M W 8:40am - 9:55am 604 Schermerhorn Hall	Sarah Russell	3.00	21/22
HUMA 1121	002/10894	M W 8:40am - 9:55am 607 Schermerhorn Hall	Caroline Smith	3.00	22/22
HUMA 1121	003/10893	M W 8:40am - 9:55am 608 Schermerhorn Hall	Yann Petit	3.00	22/22
HUMA 1121	004/10896	M W 10:10am - 11:25am 604 Schermerhorn Hall	Sophia Merkin	3.00	21/22
HUMA 1121	005/10897	M W 10:10am - 11:25am 607 Schermerhorn Hall	Kasiet Toktomusheva	3.00	21/22

HUMA 1121	006/10898	M W 10:10am - 11:25am 608 Schermerhorn Hall	Nicole Sarto	3.00	20/22
HUMA 1121	007/10906	M W 11:40am - 12:55pm 604 Schermerhorn Hall	Hannah Pivo	3.00	22/22
HUMA 1121	008/10920	M W 11:40am - 12:55pm 607 Schermerhorn Hall	David Sledge	3.00	22/22
HUMA 1121	009/10921	M W 11:40am - 12:55pm 608 Schermerhorn Hall	Nicholas Fitch	3.00	21/22
HUMA 1121	010/10924	M W 1:10pm - 2:25pm 604 Schermerhorn Hall	Ashley Williams	3.00	20/22
HUMA 1121	011/10925	M W 1:10pm - 2:25pm 607 Schermerhorn Hall	Ana Alvarez Guzman	3.00	22/22
HUMA 1121	012/10926	M W 1:10pm - 2:25pm 608 Schermerhorn Hall	Xiaohan Du	3.00	21/22
HUMA 1121	013/10930	M W 2:40pm - 3:55pm 604 Schermerhorn Hall	Eric Mazariegos	3.00	22/22
HUMA 1121	014/10931	M W 2:40pm - 3:55pm 607 Schermerhorn Hall	Nicholas Morgan	3.00	21/22
HUMA 1121	015/10932	M W 2:40pm - 3:55pm 608 Schermerhorn Hall	Xiaohan Du	3.00	21/22
HUMA 1121	016/10936	M W 4:10pm - 5:25pm 604 Schermerhorn Hall	Margot Bernstein	3.00	22/22
HUMA 1121	017/10937	M W 4:10pm - 5:25pm 607 Schermerhorn Hall	Nicholas Morgan	3.00	20/22
HUMA 1121	018/10939	M W 4:10pm - 5:25pm 608 Schermerhorn Hall	Sunmin Cha	3.00	22/22
HUMA 1121	019/10942	M W 5:40pm - 6:55pm 604 Schermerhorn Hall	Margot Bernstein	3.00	21/22
HUMA 1121	020/10943	M W 5:40pm - 6:55pm 607 Schermerhorn Hall	Sait Kutay Sen	3.00	20/22
HUMA 1121	021/10944	M W 5:40pm - 6:55pm 608 Schermerhorn Hall	Rebecca Yuste-Golob	3.00	22/22
HUMA 1121	022/10947	T Th 8:40am - 9:55am 604 Schermerhorn Hall	Leah Werier	3.00	22/22

HUMA 1121	023/10948	T Th 8:40am - 9:55am 607 Schermerhorn Hall	Page Knox	3.00	21/22	HUMA 1121	040/10965	T Th 7:40pm - 8:55pm 604 Schermerhorn Hall	Nicholas Fitch	3.00	17/22
HUMA 1121	024/10949	T Th 8:40am - 9:55am 608 Schermerhorn Hall	Jeiran Jahani	3.00	20/22	HUMA 1121	041/18244	T Th 1:10pm - 2:25pm 832 Schermerhorn Hall	Leslie Tait	3.00	19/22
HUMA 1121	025/10950	T Th 10:10am - 11:25am 604 Schermerhorn Hall	Leah Werier	3.00	22/22	HUMA 1121	042/18245	M W 10:10am - 11:25am 832 Schermerhorn Hall	Martina Mims	3.00	21/22
HUMA 1121	026/10951	T Th 10:10am - 11:25am 607 Schermerhorn Hall	Steven Niedbala	3.00	22/22	HUMA 1121	043/18246	M W 11:40am - 12:55pm 832 Schermerhorn Hall	Martina Mims	3.00	20/21
HUMA 1121	027/10952	T Th 10:10am - 11:25am 608 Schermerhorn Hall	Frederique Baumgartner	3.00	22/22	HUMA 1121	044/18247	M W 10:10am - 11:25am Online Only	Irina Oryshkevich	3.00	18/22
HUMA 1121	028/10953	T Th 1:10pm - 2:25pm 604 Schermerhorn Hall	Alessandra Di Croce	3.00	21/22	Spring 2023: HUMA UN1121					
HUMA 1121	029/10954	T Th 1:10pm - 2:25pm 607 Schermerhorn Hall	Steven Niedbala	3.00	22/22	Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1121	030/10955	T Th 1:10pm - 2:25pm 608 Schermerhorn Hall	Lucas Cohen	3.00	20/22	HUMA 1121	001/10661	M W 8:40am - 9:55am 604 Schermerhorn Hall	Sarah Russell	3.00	21/22
HUMA 1121	031/10956	T Th 2:40pm - 3:55pm 604 Schermerhorn Hall	Sophia D'Addio	3.00	22/22	HUMA 1121	002/10662	M W 8:40am - 9:55am 607 Schermerhorn Hall	Caroline Smith	3.00	22/22
HUMA 1121	032/10957	T Th 2:40pm - 3:55pm 607 Schermerhorn Hall	David Schneller	3.00	21/22	HUMA 1121	003/10663	M W 8:40am - 9:55am 608 Schermerhorn Hall	Yann Petit	3.00	22/22
HUMA 1121	033/10958	T Th 2:40pm - 3:55pm 608 Schermerhorn Hall	Lucas Cohen	3.00	22/22	HUMA 1121	004/10664	M W 10:10am - 11:25am 604 Schermerhorn Hall	Lynnette Widder	3.00	21/22
HUMA 1121	034/10959	T Th 4:10pm - 5:25pm 604 Schermerhorn Hall	Sophia D'Addio	3.00	22/22	HUMA 1121	005/10666	M W 10:10am - 11:25am 607 Schermerhorn Hall	Holger Klein	3.00	19/22
HUMA 1121	035/10960	T Th 4:10pm - 5:25pm 607 Schermerhorn Hall	Alessandra Di Croce	3.00	22/22	HUMA 1121	006/10667	M W 10:10am - 11:25am 608 Schermerhorn Hall	Nicole Sarto	3.00	20/22
HUMA 1121	036/10961	T Th 4:10pm - 5:25pm 608 Schermerhorn Hall	Susan Sivard	3.00	22/22	HUMA 1121	007/10668	M W 11:40am - 12:55pm 604 Schermerhorn Hall	Hannah Pivo	3.00	22/22
HUMA 1121	037/10962	T Th 5:40pm - 6:55pm 604 Schermerhorn Hall	Giulia Bertoni	3.00	19/22	HUMA 1121	008/10669	M W 11:40am - 12:55pm 607 Schermerhorn Hall	Kasiet Toktomusheva	3.00	21/22
HUMA 1121	038/10963	T Th 5:40pm - 6:55pm 607 Schermerhorn Hall	Sarah Cohen	3.00	22/22	HUMA 1121	009/10670	M W 11:40am - 12:55pm 608 Schermerhorn Hall	Xiaohan Du	3.00	20/22
HUMA 1121	039/10964	T Th 5:40pm - 6:55pm 608 Schermerhorn Hall	Kent Minturn	3.00	21/22	HUMA 1121	010/10671	M W 1:10pm - 2:25pm 604 Schermerhorn Hall	Ashley Williams	3.00	22/22
						HUMA 1121	011/10672	M W 1:10pm - 2:25pm 607 Schermerhorn Hall	Ana Alvarez Guzman	3.00	21/22
						HUMA 1121	012/10673	M W 1:10pm - 2:25pm	Xiaohan Du	3.00	20/22

HUMA 1121	013/10674	608 Schermerhorn Hall M W 2:40pm - 3:55pm 604 Schermerhorn Hall	Eric Mazariegos	3.00	22/22	HUMA 1121	030/10691	607 Schermerhorn Hall T Th 1:10pm - 2:25pm 608 Schermerhorn Hall	Lucas Cohen	3.00	22/22
HUMA 1121	014/10675	M W 2:40pm - 3:55pm 607 Schermerhorn Hall	Nicholas Morgan	3.00	22/22	HUMA 1121	031/10692	T Th 2:40pm - 3:55pm 604 Schermerhorn Hall	David Schneller	3.00	22/22
HUMA 1121	015/10676	M W 2:40pm - 3:55pm 608 Schermerhorn Hall	David Sledge	3.00	21/22	HUMA 1121	032/10693	T Th 2:40pm - 3:55pm 607 Schermerhorn Hall	Sophia D'Addio	3.00	22/22
HUMA 1121	016/10677	M W 4:10pm - 5:25pm 604 Schermerhorn Hall	Margot Bernstein	3.00	21/22	HUMA 1121	033/10694	T Th 2:40pm - 3:55pm 608 Schermerhorn Hall	Lucas Cohen	3.00	22/22
HUMA 1121	017/10678	M W 4:10pm - 5:25pm 607 Schermerhorn Hall	Nicholas Morgan	3.00	21/22	HUMA 1121	034/10695	T Th 4:10pm - 5:25pm 604 Schermerhorn Hall	Steven Niedbala	3.00	21/22
HUMA 1121	018/10679	M W 4:10pm - 5:25pm 608 Schermerhorn Hall	Sunmin Cha	3.00	22/22	HUMA 1121	035/10696	T Th 4:10pm - 5:25pm 607 Schermerhorn Hall	Sophia D'Addio	3.00	22/22
HUMA 1121	019/10680	M W 5:40pm - 6:55pm 604 Schermerhorn Hall	Margot Bernstein	3.00	22/22	HUMA 1121	036/10697	T Th 4:10pm - 5:25pm 608 Schermerhorn Hall	Sait Kutay Sen	3.00	22/22
HUMA 1121	020/10681	M W 5:40pm - 6:55pm 607 Schermerhorn Hall	Leslie Tait	3.00	22/22	HUMA 1121	037/10698	T Th 5:40pm - 6:55pm 604 Schermerhorn Hall	Nicholas Fitch	3.00	20/22
HUMA 1121	021/10682	M W 5:40pm - 6:55pm 608 Schermerhorn Hall	Rebecca Yuste- Golob	3.00	22/22	HUMA 1121	038/10699	T Th 5:40pm - 6:55pm 607 Schermerhorn Hall	Sarah Cohen	3.00	22/22
HUMA 1121	022/10683	T Th 8:40am - 9:55am 604 Schermerhorn Hall	Leah Werier	3.00	22/22	HUMA 1121	039/10703	T Th 5:40pm - 6:55pm 608 Schermerhorn Hall	Gwen Unger	3.00	21/22
HUMA 1121	023/10684	T Th 8:40am - 9:55am 607 Schermerhorn Hall	Heather Woolley	3.00	21/22	HUMA 1121	040/10704	M W 2:40pm - 3:55pm 832 Schermerhorn Hall	Susan Sivard	3.00	22/22
HUMA 1121	024/10685	T Th 8:40am - 9:55am 608 Schermerhorn Hall	Jeiran Jahani	3.00	22/22	HUMA 1121	041/10705	M W 10:10am - 11:25am 832 Schermerhorn Hall	Dawn Delbanco	3.00	20/22
HUMA 1121	025/10686	T Th 10:10am - 11:25am 604 Schermerhorn Hall	Leah Werier	3.00	22/22	HUMA 1121	042/10706	M W 1:10pm - 2:25pm 832 Schermerhorn Hall	Katherine Fein	3.00	22/22
HUMA 1121	026/10687	T Th 10:10am - 11:25am 607 Schermerhorn Hall	Sophia Merkin	3.00	21/22	HUMA 1121	043/10707	T Th 7:40pm - 8:55pm 604 Schermerhorn Hall	Nicholas Fitch	3.00	18/22
HUMA 1121	027/10688	T Th 10:10am - 11:25am 608 Schermerhorn Hall	Zoe Strother	3.00	17/22	HUMA 1121	044/10708	M W 10:10am - 11:25am Online Only	Irina Oryshkevich	3.00	21/22
HUMA 1121	028/10689	T Th 1:10pm - 2:25pm 604 Schermerhorn Hall	David Schneller	3.00	22/22	HUMA 1121	045/18027	M W 8:40am - 9:55am 832 Schermerhorn Hall	Martina Mims	3.00	22/22
HUMA 1121	029/10690	T Th 1:10pm - 2:25pm	Steven Niedbala	3.00	21/22						

MUSIC HUMANITIES

Chair of Music Humanities

Prof. Benjamin Steege

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212-854-8191

bas39@columbia.edu

Music Humanities Website

The focus of Music Humanities is on the many forms of the Western musical imagination in art music, through works studied in their historical and cultural contexts. The specific goals of the course are to awaken and encourage active, critical, and comparative listening practices, to provide tools to respond verbally to a variety of musical idioms, and to create engagement with the debates about the character and purposes of music that have occupied composers and musical thinkers since ancient times. The extraordinary richness of musical life in New York is an integral part of the course.

The course moves chronologically from the Middle Ages to the present, examining the choices and assumptions of composers, their patrons, audiences, and performers, and exploring what we can and can't know about how music of the past may have sounded. Students' critical perceptions and articulate responses to the music, and to the source readings that are a hallmark of the Core, will be a vital part of the class.

REGISTRATION PROCEDURE

All information concerning registration in HUMA UN1123 MASTERPIECES OF WESTERN MUSIC is included in the registration materials sent to students. It is the expectation of the College that all students complete *Music Humanities* by the end of their third year.

All Core Curriculum courses, including *Music Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Music Humanities* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

HUMA UN1123 MASTERPIECES OF WESTERN MUSIC.

3.00 points.

Analysis and discussion of representative works from the Middle Ages to the present

Fall 2022: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/10699	M W 8:40am - 9:55am 404 Dodge Building	Julia Hamilton	3.00	24/25
HUMA 1123	002/10700	M W 8:40am - 9:55am 405 Dodge Building	Velia Ivanova	3.00	24/25

HUMA 1123	003/10701	M W 8:40am - 9:55am 622 Dodge Building	Mary Kouyoumdjian	3.00	24/25
HUMA 1123	004/10702	M W 10:10am - 11:25am 404 Dodge Building	Julia Hamilton	3.00	22/25
HUMA 1123	005/10703	M W 10:10am - 11:25am 405 Dodge Building	Velia Ivanova	3.00	23/25
HUMA 1123	006/10835	M W 10:10am - 11:25am 622 Dodge Building	Mary Kouyoumdjian	3.00	23/25
HUMA 1123	007/10836	M W 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3.00	23/25
HUMA 1123	008/10839	M W 1:10pm - 2:25pm 716 Hamilton Hall	Thomas Wetmore	3.00	22/25
HUMA 1123	009/10842	M W 2:40pm - 3:55pm 404 Dodge Building	Joshua Navon	3.00	24/25
HUMA 1123	010/10843	M W 2:40pm - 3:55pm 405 Dodge Building	Walter Frisch	3.00	24/25
HUMA 1123	011/10844	M W 2:40pm - 3:55pm 716 Hamilton Hall	Magdalena Baczkowska	3.00	23/25
HUMA 1123	012/10845	M W 4:10pm - 5:25pm 404 Dodge Building	Audrey Amsellem	3.00	23/25
HUMA 1123	013/10846	M W 4:10pm - 5:25pm 405 Dodge Building	Marilyn McCoy	3.00	23/25
HUMA 1123	014/10847	M W 4:10pm - 5:25pm 716 Hamilton Hall	Ratidzai Chikukwa	3.00	24/25
HUMA 1123	015/10848	M W 6:10pm - 7:25pm 404 Dodge Building	Audrey Amsellem	3.00	24/25
HUMA 1123	016/10849	M W 6:10pm - 7:25pm 405 Dodge Building	Artun Cekem	3.00	23/25
HUMA 1123	017/10852	M W 6:10pm - 7:25pm 716 Hamilton Hall	Nina Fukuoka	3.00	22/25
HUMA 1123	018/10853	T Th 8:40am - 9:55am 405 Dodge Building	Knar Abrahamyan	3.00	25/25
HUMA 1123	019/10854	T Th 8:40am - 9:55am 622 Dodge Building	Grant Woods	3.00	24/25
HUMA 1123	020/10858	T Th 10:10am - 11:25am 404 Dodge Building	Lauren Shepherd	3.00	24/25
HUMA 1123	021/10859	T Th 10:10am - 11:25am 405 Dodge Building	Joshua Mastel	3.00	25/25
HUMA 1123	022/10860	T Th 10:10am - 11:25am 716 Hamilton Hall	Madeleine Turner	3.00	25/25
HUMA 1123	023/10861	T Th 1:10pm - 2:25pm 404 Dodge Building	Peter Susser	3.00	24/25
HUMA 1123	024/10862	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Ralph Whyte	3.00	25/25

HUMA 1123	025/10868	T Th 2:40pm - 3:55pm 404 Dodge Building	Julia Doe	3.00	25/25	HUMA 1123	010/10718	M W 2:40pm - 3:55pm 405 Dodge Building	Ralph Whyte	3.00	24/25
HUMA 1123	026/10869	T Th 2:40pm - 3:55pm 405 Dodge Building	Russell O'Rourke	3.00	25/25	HUMA 1123	011/10719	M W 2:40pm - 3:55pm 716 Hamilton Hall	Magdalena Baczewska	3.00	25/25
HUMA 1123	027/10870	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Madeleine Turner	3.00	25/25	HUMA 1123	012/10720	M W 4:10pm - 5:25pm 404 Dodge Building	Audrey Amsellem	3.00	25/25
HUMA 1123	028/10874	T Th 4:10pm - 5:25pm 404 Dodge Building	Ashkan Behzadi	3.00	25/25	HUMA 1123	013/10721	M W 4:10pm - 5:25pm 405 Dodge Building	Marilyn McCoy	3.00	25/25
HUMA 1123	029/10873	T Th 4:10pm - 5:25pm 405 Dodge Building	Russell O'Rourke	3.00	25/25	HUMA 1123	014/10722	M W 4:10pm - 5:25pm 716 Hamilton Hall	Ratidzai Chikukwa	3.00	25/25
HUMA 1123	030/10872	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Ryan Pratt	3.00	25/25	HUMA 1123	015/10723	M W 6:10pm - 7:25pm 404 Dodge Building	Audrey Amsellem	3.00	24/25
HUMA 1123	031/10875	T Th 6:10pm - 7:25pm 404 Dodge Building	Ashkan Behzadi	3.00	22/25	HUMA 1123	016/10724	M W 6:10pm - 7:25pm 405 Dodge Building	Artun Cekem	3.00	24/25
HUMA 1123	032/10876	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Manuel Garcia Orozco	3.00	24/25	HUMA 1123	017/10725	M W 6:10pm - 7:25pm 716 Hamilton Hall	Nina Fukuoka	3.00	24/25
HUMA 1123	033/13594	T Th 8:40am - 9:55am 404 Dodge Building	Anna-Louise Walton	3.00	23/25	HUMA 1123	018/10726	T Th 8:40am - 9:55am 405 Dodge Building	Louis Goldford	3.00	22/25
HUMA 1123	034/13595	T Th 8:40am - 9:55am 716 Hamilton Hall	Gareth Cordery	3.00	20/25	HUMA 1123	019/10727	T Th 8:40am - 9:55am 622 Dodge Building	Laina Dawes	3.00	24/25
HUMA 1123	035/13596	T Th 6:10pm - 7:25pm 405 Dodge Building	Demetrius Shahmehri	3.00	22/25	HUMA 1123	020/10728	T Th 10:10am - 11:25am 404 Dodge Building	Madeleine Turner	3.00	23/25
HUMA 1123	036/18243	T Th 10:10am - 11:25am Online Only	Alexander Rothe	3.00	23/24	HUMA 1123	021/10729	T Th 10:10am - 11:25am 405 Dodge Building	Joshua Navon	3.00	25/25
Spring 2023: HUMA UN1123						HUMA 1123	022/10730	T Th 10:10am - 11:25am 716 Hamilton Hall	Manuel Garcia Orozco	3.00	25/25
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	HUMA 1123	023/10731	T Th 1:10pm - 2:25pm 404 Dodge Building	Madeleine Turner	3.00	25/25
HUMA 1123	001/10709	M W 8:40am - 9:55am 404 Dodge Building	Julia Hamilton	3.00	23/25	HUMA 1123	024/10732	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Mary Kouyoumdjian	3.00	25/25
HUMA 1123	002/10710	M W 8:40am - 9:55am 405 Dodge Building	Velia Ivanova	3.00	23/25	HUMA 1123	025/10735	T Th 2:40pm - 3:55pm 404 Dodge Building	Benjamin Steege	3.00	25/25
HUMA 1123	003/10711	M W 8:40am - 9:55am 622 Dodge Building	Saad Haddad	3.00	22/25	HUMA 1123	026/10736	T Th 2:40pm - 3:55pm 405 Dodge Building	Russell O'Rourke	3.00	25/25
HUMA 1123	004/10712	M W 10:10am - 11:25am 404 Dodge Building	Julia Hamilton	3.00	25/25	HUMA 1123	027/10737	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Mary Kouyoumdjian	3.00	24/25
HUMA 1123	005/10713	M W 10:10am - 11:25am 405 Dodge Building	Velia Ivanova	3.00	25/25	HUMA 1123	028/10738	T Th 4:10pm - 5:25pm 404 Dodge Building	Ashkan Behzadi	3.00	25/25
HUMA 1123	006/10714	M W 10:10am - 11:25am 716 Hamilton Hall	Demetrius Shahmehri	3.00	25/25	HUMA 1123	029/10739	Th 4:10pm - 5:25pm 405 Dodge Building	Russell O'Rourke	3.00	24/25
HUMA 1123	007/10715	M W 1:10pm - 2:25pm 404 Dodge Building	Thomas Wetmore	3.00	22/25	HUMA 1123	030/10740	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Ryan Pratt	3.00	25/25
HUMA 1123	008/10716	M W 1:10pm - 2:25pm 716 Hamilton Hall	Mariusz Kozak	3.00	22/25	HUMA 1123	031/10741	T Th 6:10pm - 7:25pm 404 Dodge Building	Ashkan Behzadi	3.00	23/25
HUMA 1123	009/10717	M W 2:40pm - 3:55pm 404 Dodge Building	John McWhorter	3.00	25/25	HUMA 1123	032/10742	T Th 6:10pm - 7:25pm	Unnur Evans	3.00	24/25

HUMA 1123	033/10743	716 Hamilton Hall T Th 8:40am - 9:55am	Grant Woods	3.00	25/25
		404 Dodge Building			
HUMA 1123	034/10744	T Th 8:40am - 9:55am 716 Hamilton Hall		3.00	22/25
HUMA 1123	035/10745	T Th 6:10pm - 7:25pm	Ashley Nail	3.00	25/25
		405 Dodge Building			
HUMA 1123	036/15142	T Th 1:10pm - 2:25pm Online Only	Alexander Rothe	3.00	24/25

EXEMPTION FROM MUSIC HUMANITIES

Although all Columbia students are expected to take *Music Humanities*, there are some students who enter with exceptional musical backgrounds that may qualify them for exemption. Exemption from *Music Humanities* may be obtained by passing an Exemption Exam. In the case of transfer students, exemption may also be obtained by filing a course substitution request.

Exemption Exam

The Exemption Exam is offered on the first Friday of the fall semester by the Music Department (621 Dodge Hall). Students who matriculate in the spring semester should take the exam in the following fall term. Students may take the exam only once during their first year at Columbia. If they do not pass the exam, they must enroll in a section of *Music Humanities*.

Course Substitution

In addition to the Exemption Exam, students with approved transfer credit have the option of requesting exemption on the basis of a similar music course passed with a grade of B or higher at another college or university. This exemption must be requested during the student's first semester at Columbia. Petitions submitted in subsequent semesters will not be considered by the Center for the Core Curriculum.

FRONTIERS OF SCIENCE

Chair of Frontiers of Science

Prof. David J. Helfand
1020 Pupin Hall
212-854-6876
djh@astro.columbia.edu

Frontiers of Science Website

SCNC CC1000 FRONTIERS OF SCIENCE and *SCNC CC1100 FRONTIERS OF SCIENCE-DISC* is a one-semester course that integrates modern science into the Core Curriculum. The course includes lectures and seminar sections. On Mondays throughout the semester, each of Columbia's leading scientists present a mini-series of lectures. During the rest of the week, senior faculty and Columbia post-doctoral science fellows (research

scientists selected for their teaching abilities) lead seminar sections limited to twenty-two students to discuss the lecture and its associated readings, and to debate the implications of the most recent scientific discoveries. *Frontiers of Science* satisfies one of the three required courses of the science requirement for Columbia College.

REGISTRATION PROCEDURE

All information concerning registration in *SCNC CC1000 FRONTIERS OF SCIENCE* is included in the registration materials sent to students. All first-year students are preregistered in *Frontiers of Science*. Prospective science majors may petition the Committee on Science Instruction to be allowed to postpone taking *Frontiers of Science* until their sophomore year, if they are enrolled in the following courses during their first-year in the College:

1. Literature Humanities (HUMA CC1001);
2. A mathematics course;
3. A language course at the elementary II level or above;
4. One of the following science major sequences:

CHEM UN2045 - CHEM UN2046	INTENSVE ORGANIC CHEMISTRY and INTENSVE ORG CHEM- FOR 1ST YEAR (formerly CHEM W3045-CHEM W3046)
PHYS UN1601 - PHYS UN1602	PHYSICS I:MECHANICS/ RELATIVITY and PHYSICS II: THERMO, ELEC # MAG
PHYS UN2801 - PHYS UN2802	ACCELERATED PHYSICS I and ACCELERATED PHYSICS II

Students wishing to petition to postpone should do so in the Berick Center for Student Advising located in 403 Lerner.

All Core Curriculum courses, including *Frontiers of Science*, must be taken for a letter grade. Students may not drop or withdraw from *Frontiers of Science* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

COURSES OF INSTRUCTION

SCNC CC1000 FRONTIERS OF SCIENCE. 4.00 points.

Corequisites: SCNC CC1100

Corequisites: SCNC CC1100 The principal objectives of *Frontiers of Science* are to engage students in the process of discovery by exploring topics at the forefront of science and to inculcate or reinforce the specific habits of mind that inform a scientific perspective on the world. Sample topics include the brain and behavior, global climate change, relativity, and biodiversity, among others. Taught by members of natural science departments and Columbia Science Fellows

Fall 2022: SCNC CC1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SCNC 1000	001/14978	M 10:30am - 12:00pm 147 Horace Mann Hall	Ivana Hughes	4.00	559/600

Spring 2023: SCNC CC1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SCNC 1000	001/10753	M 10:30am - 12:00pm 147 Horace Mann Hall	Ivana Hughes	4.00	552/600

UNIVERSITY WRITING

Director of the Undergraduate Writing Program

Dr. Nicole B. Wallack

310 Philosophy

212-854-3886

nw2108@columbia.edu**Undergraduate Writing Program Office**

310 Philosophy

212-854-3886

uwp@columbia.edu**Undergraduate Writing Website**

ENGL CC1010 UNIVERSITY WRITING is a one-semester seminar designed to facilitate students' entry into the intellectual life of the university by teaching them to become more capable and independent academic readers and writers. The course emphasizes habits of mind and skills that foster students' capacities for critical analysis, argument, revision, collaboration, meta-cognition, and research. Students read and discuss essays from a number of fields, complete regular informal reading and writing exercises, compose several longer essays, and devise a research-based project of their own design.

COURSES OF INSTRUCTION

ENGL CC1010 UNIVERSITY WRITING. 3.00 points.

ENGL CC/GS1010: University Writing, is a one-semester seminar designed to facilitate students' entry into the intellectual life of the university by teaching them to become more capable and independent academic readers and writers. The course emphasizes habits of mind and skills that foster students' capacities for critical analysis, argument, revision, collaboration, meta-cognition, and research. Students read and discuss essays from a number of fields, complete regular informal reading and writing exercises, compose several longer essays, and devise a research-based project of their own design. Courses of Instruction ENGL CC1010 University Writing. 3 points. ENGL CC/GS1010: University Writing (3 points) focuses on developing students' reading, writing, and thinking, drawing from readings on a designated course theme that carry a broad appeal to people with diverse interests. No

University Writing class presumes that students arrive with prior knowledge in the theme of the course. We are offering the following themes this year: UW: Contemporary Essays, CC/GS1010.001-.099 UW: Readings in American Studies, CC/GS1010.1xx UW: Readings in Gender and Sexuality, CC/GS1010.2xx UW: Readings in Film and Performing Arts, CC/GS1010.3xx UW: Readings in Urban Studies, CC/GS1010.4xx (will be sharing 400s with Human Rights) UW: Readings in Climate Humanities, CC/GS1010.5xx (will be sharing 500s with Data # Society) UW: Readings in Medical Humanities, CC/GS1010.6xx UW: Readings in Law # Justice, CC/GS1010.7xx UW: Readings in Race and Ethnicity, CC/GS1010.8xx University Writing for International Students, CC/GS1010.9xx For further details about these classes, please visit: <http://www.college.columbia.edu/core/uwp>

Fall 2022: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	005/15348	M W 10:10am - 11:25am 502 Northwest Corner	Megan Lonsinger	3.00	14/14
ENGL 1010	015/15349	M W 1:10pm - 2:25pm 201d Philosophy Hall	Kirkwood Adams	3.00	14/14
ENGL 1010	016/16085	M W 2:40pm - 3:55pm 201d Philosophy Hall	Glenn Gordon	3.00	14/14
ENGL 1010	021/18423	M W 4:10pm - 5:25pm 104 Knox Hall	Therese Cox	3.00	13/14
ENGL 1010	023/18496	M W 4:10pm - 5:25pm 408a Philosophy Hall	Brianne Baker	3.00	14/14
ENGL 1010	032/18424	T Th 10:10am - 11:25am 201d Philosophy Hall	Emily Weitzman	3.00	14/14
ENGL 1010	034/18425	T Th 11:40am - 12:55pm 408a Philosophy Hall	Austin Mantele	3.00	14/14
ENGL 1010	035/18426	T Th 11:40am - 12:55pm 116 Knox Hall	Julia Bannon	3.00	14/14
ENGL 1010	036/15351	T Th 11:40am - 12:55pm 201d Philosophy Hall	Emily Foster	3.00	13/14
ENGL 1010	039/16078	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Elena Dudum	3.00	14/14
ENGL 1010	048/18432	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Celine Aenlle-Rocha	3.00	14/14
ENGL 1010	053/18435	T Th 4:10pm - 5:25pm 507 Lewisohn Hall	Austin Mantele	3.00	13/14
ENGL 1010	054/18746	T Th 2:40pm - 3:55pm	Catherine Suffern	3.00	14/14

ENGL 1010	055/18744	507 Lewisohn Hall M W 8:40am - 9:55am	Gabrielle DaCosta	3.00	14/14	ENGL 1010	419/18422	M W 2:40pm - 3:55pm 307 Mathematics Building	Seth Cosimini	3.00	14/14
ENGL 1010	109/15352	307 Mathematics Building M W 11:40am - 12:55pm	Hannah Gold	3.00	14/14	ENGL 1010	447/18431	T Th 4:10pm - 5:25pm 212a Lewisohn Hall	Therese Cox	3.00	13/14
ENGL 1010	122/18437	201d Philosophy Hall M W 4:10pm - 5:25pm	Jessica Campbell	3.00	13/14	ENGL 1010	504/15367	M W 10:10am - 11:25am 201b Philosophy Hall	Ruilin Fan	3.00	14/14
ENGL 1010	128/15353	201b Philosophy Hall T Th 8:40am - 9:55am	Susanna Kohn	3.00	14/14	ENGL 1010	512/18419	M W 1:10pm - 2:25pm 506 Lewisohn Hall	Elizabeth Walters	3.00	14/14
ENGL 1010	151/18458	652 Schermerhorn Hall T Th 5:40pm - 6:55pm	Kirkwood Adams	3.00	10/14	ENGL 1010	527/15368	T Th 8:40am - 9:55am 201d Philosophy Hall	Julia Ryan	3.00	14/14
ENGL 1010	203/15355	116 Knox Hall M W 8:40am - 9:55am	Levi Catherine Hord	3.00	14/14	ENGL 1010	541/15370	T Th 1:10pm - 2:25pm 476b Alfred Lerner Hall	Margaret Banks	3.00	14/14
ENGL 1010	217/15356	652 Schermerhorn Hall M W 2:40pm - 3:55pm	Ashley Thomas	3.00	13/14	ENGL 1010	546/18430	T Th 2:40pm - 3:55pm 502 Northwest Corner	Adam Winters	3.00	13/14
ENGL 1010	226/15357	502 Northwest Corner M W 5:40pm - 6:55pm	Natalie Adler	3.00	14/14	ENGL 1010	549/18439	T Th 4:10pm - 5:25pm 307 Mathematics Building	Michael Schoch	3.00	14/14
ENGL 1010	237/15358	201d Philosophy Hall T Th 11:40am - 12:55pm	Connor Spencer	3.00	13/14	ENGL 1010	606/15371	M W 10:10am - 11:25am 307 Mathematics Building	Meg Zhang	3.00	14/14
ENGL 1010	245/15359	201b Philosophy Hall T Th 2:40pm - 3:55pm	Genevieve Shuster	3.00	14/14	ENGL 1010	613/15372	M W 1:10pm - 2:25pm 502 Northwest Corner	Angelica Modabber	3.00	13/14
ENGL 1010	311/15360	201d Philosophy Hall M W 11:40am - 12:55pm	Jehbreal Jackson	3.00	14/14	ENGL 1010	625/15373	M W 5:40pm - 6:55pm 201b Philosophy Hall	Ayesha Verma	3.00	12/14
ENGL 1010	320/15361	315 Hamilton Hall M W 4:10pm - 5:25pm	Alice Clapie	3.00	14/14	ENGL 1010	630/15374	T Th 10:10am - 11:25am 502 Northwest Corner	Kristie Schlauraff	3.00	14/14
ENGL 1010	329/15362	652 Schermerhorn Hall T Th 8:40am - 9:55am	Abigail Melick	3.00	13/14	ENGL 1010	733/15376	T Th 10:10am - 11:25am 201b Philosophy Hall	Wally Suphap	3.00	13/14
ENGL 1010	331/15363	502 Northwest Corner T Th 10:10am - 11:25am	Alessia Palanti	3.00	14/14	ENGL 1010	738/18427	T Th 1:10pm - 2:25pm 502 Northwest Corner	Pichaya Damrongpiwat	3.00	14/14
ENGL 1010	340/15364	652 Schermerhorn Hall T Th 1:10pm - 2:25pm	Claudia Grigg Edo	3.00	13/14	ENGL 1010	743/18428	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Celine Aenlle-Rocha	3.00	14/14
ENGL 1010	407/15365	201b Philosophy Hall M W 10:10am - 11:25am	Grant Miner	3.00	13/14	ENGL 1010	808/15377	M W 11:40am - 12:55pm 201b Philosophy Hall	Tejan Waszak	3.00	13/14
ENGL 1010	408/18745	201d Philosophy Hall M W 5:40pm - 6:55pm	John Fitzgerald	3.00	14/14	ENGL 1010	818/16092	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Shanelle Kim	3.00	14/14
		418 International Affairs Bldg				ENGL 1010	824/15378	M W 5:40pm - 6:55pm	Stephanie Wambugu	3.00	13/14

ENGL 1010	842/15379	307 Mathematics Building T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Amy Barenboim	3.00	14/14	ENGL 1010	039/14910	502 Northwest Corner T Th 11:40am - 12:55pm 201b Philosophy Hall	Emily Weitzman	3.00	14/14
ENGL 1010	844/15380	307 Mathematics Building T Th 2:40pm - 3:55pm	Catherine Fisher	3.00	14/14	ENGL 1010	040/14911	502 Northwest Corner T Th 11:40am - 12:55pm	Brianne Baker	3.00	14/14
ENGL 1010	850/15381	502 Northwest Corner T Th 5:40pm - 6:55pm	Gabriella Etoniru	3.00	14/14	ENGL 1010	042/14912	201b Philosophy Hall T Th 1:10pm - 2:25pm	Emily Weitzman	3.00	14/14
ENGL 1010	902/15382	502 Northwest Corner M W 8:40am - 9:55am	Charles Green	3.00	13/14	ENGL 1010	054/18030	652 Schermerhorn Hall T Th 4:10pm - 5:25pm	Andrew Slater	3.00	13/14
ENGL 1010	910/18418	506 Lewisohn Hall M W 11:40am - 12:55pm	Elizabeth Walters	3.00	14/14	ENGL 1010	055/14913	502 Northwest Corner T Th 5:40pm - 6:55pm	Michael Schoch	3.00	14/14
ENGL 1010	914/15383	652 Schermerhorn Hall M W 1:10pm - 2:25pm	Alina Shubina	3.00	13/14	ENGL 1010	056/14914	201d Philosophy Hall T Th 5:40pm - 6:55pm	Julia Bannon	3.00	14/14
ENGL 1010	952/18340	501 International Affairs Bldg T Th 5:40pm - 6:55pm	Justin Snider	3.00	14/14	ENGL 1010	112/14918	408a Philosophy Hall M W 1:10pm - 2:25pm	Jessica Campbell	3.00	14/14
Spring 2023: ENGL CC1010						ENGL 1010	141/14919	201d Philosophy Hall T Th 1:10pm - 2:25pm	Kirkwood Adams	3.00	14/14
ENGL 1010	002/14897	201b Philosophy Hall M W 8:40am - 9:55am	Gabrielle DaCosta	3.00	14/14	ENGL 1010	143/14920	652 Schermerhorn Hall T Th 1:10pm - 2:25pm	Hannah Gold	3.00	13/14
ENGL 1010	013/14898	502 Northwest Corner M W 1:10pm - 2:25pm	Austin Mantele	3.00	14/14	ENGL 1010	220/14921	652 Schermerhorn Hall M W 2:40pm - 3:55pm	Genevieve Shuster	3.00	12/14
ENGL 1010	014/14899	313 Hamilton Hall M W 1:10pm - 2:25pm	Jason Ueda	3.00	14/14	ENGL 1010	227/14922	408a Philosophy Hall M W 5:40pm - 6:55pm	Natalie Adler	3.00	14/14
ENGL 1010	017/14901	408a Philosophy Hall M W 2:40pm - 3:55pm	Jessica Campbell	3.00	14/14	ENGL 1010	244/14923	408a Philosophy Hall T Th 1:10pm - 2:25pm	Kendall Collins	3.00	14/14
ENGL 1010	018/14902	201d Philosophy Hall M W 2:40pm - 3:55pm	Glenn Gordon	3.00	13/14	ENGL 1010	245/17216	476b Alfred Lerner Hall T Th 2:40pm - 3:55pm	Evyan Gainey	3.00	11/14
ENGL 1010	019/14903	508 Lewisohn Hall M W 2:40pm - 3:55pm	Elena Dudum	3.00	14/14	ENGL 1010	249/14924	502 Northwest Corner T Th 2:40pm - 3:55pm	Ashley Thomas	3.00	14/14
ENGL 1010	021/14904	307 Mathematics Building M W 4:10pm - 5:25pm	Seth Cosimini	3.00	14/14	ENGL 1010	252/14925	307 Mathematics Building T Th 4:10pm - 5:25pm	Connor Spencer	3.00	14/14
ENGL 1010	022/14906	331 Uris Hall M W 4:10pm - 5:25pm	Austin Mantele	3.00	14/14	ENGL 1010	324/14926	201b Philosophy Hall M W 4:10pm - 5:25pm	Adrian Guo-Silver	3.00	14/14
ENGL 1010	033/17212	201d Philosophy Hall T Th 10:10am - 11:25am	Emily Foster	3.00	14/14	ENGL 1010	325/15460	502 Northwest Corner M W 4:10pm - 5:25pm	Geoffrey Lokke	3.00	14/14
ENGL 1010	035/14908	201d Philosophy Hall T Th 10:10am - 11:25am	Brianne Baker	3.00	14/14						

ENGL 1010	332/14927	104 Knox Hall T Th 8:40am - 9:55am 307 Mathematics Building	Abigail Melick	3.00	14/14	ENGL 1010	630/14943	T Th 8:40am - 9:55am 652 Schermerhorn Hall	Kristie Schlauraff	3.00	14/14
ENGL 1010	346/14929	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Jehbreal Jackson	3.00	14/14	ENGL 1010	705/14944	M W 10:10am - 11:25am 201d Philosophy Hall	Wally Suphap	3.00	14/14
ENGL 1010	353/17427	T Th 1:10pm - 2:25pm 476a Alfred Lerner Hall	Claudia Grigg Edo	3.00	13/14	ENGL 1010	711/14945	M W 11:40am - 12:55pm 652 Schermerhorn Hall	Kaagni Harekal	3.00	14/14
ENGL 1010	406/14955	M W 10:10am - 11:25am 307 Mathematics Building	Grant Miner	3.00	14/14	ENGL 1010	734/14946	T Th 10:10am - 11:25am 307 Mathematics Building	Celine Aenlle- Rocha	3.00	14/14
ENGL 1010	415/14930	M W 1:10pm - 2:25pm 508 Lewisohn Hall	Tyler Grand Pre	3.00	14/14	ENGL 1010	737/14947	T Th 11:40am - 12:55pm 201d Philosophy Hall	Pichaya Damrongpiwat	3.00	14/14
ENGL 1010	416/14931	M W 2:40pm - 3:55pm 307 Mathematics Building	Seth Cosimini	3.00	13/14	ENGL 1010	809/14948	M W 11:40am - 12:55pm 201d Philosophy Hall	Tejan Waszak	3.00	14/14
ENGL 1010	436/14932	T Th 10:10am - 11:25am 201b Philosophy Hall	Eman Elhadad	3.00	13/14	ENGL 1010	828/14949	M W 5:40pm - 6:55pm 201d Philosophy Hall	Stephanie Wambugu	3.00	14/14
ENGL 1010	438/14933	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Therese Cox	3.00	14/14	ENGL 1010	848/14950	T Th 2:40pm - 3:55pm 307 Mathematics Building	Amy Barenboim	3.00	14/14
ENGL 1010	447/14934	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Mieko Anders	3.00	14/14	ENGL 1010	851/14951	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Catherine Fisher	3.00	14/14
ENGL 1010	504/14935	M W 10:10am - 11:25am 502 Northwest Corner	Adam Winters	3.00	14/14	ENGL 1010	857/14952	T Th 5:40pm - 6:55pm 307 Mathematics Building	Gabriella Etoniru	3.00	14/14
ENGL 1010	508/14936	M W 11:40am - 12:55pm 201b Philosophy Hall	Elizabeth Walters	3.00	14/14	ENGL 1010	901/14953	M W 8:40am - 9:55am 502 Northwest Corner	Charles Green	3.00	14/14
ENGL 1010	510/14937	M W 11:40am - 12:55pm 502 Northwest Corner	Adam Winters	3.00	14/14	ENGL 1010	926/14954	M W 5:40pm - 6:55pm 201b Philosophy Hall	Justin Snider	3.00	14/14
ENGL 1010	531/14938	T Th 8:40am - 9:55am 201b Philosophy Hall	Julia Ryan	3.00	14/14	<h2>WRITING CENTER</h2> <p>The Undergraduate Writing Program sponsors <u>The Writing Center</u> in 310 Philosophy, which offers individual writing instruction and consultations to undergraduate and graduate students enrolled in Columbia University courses. Students may visit the center to work on any writing project, academic or non-academic, and at any stage in the writing process. Students may use the Writing Center's online scheduling system to make appointments and view drop-in hours.</p> <h2>FOREIGN LANGUAGE REQUIREMENT</h2> <p>General Information:</p>					
ENGL 1010	550/14939	T Th 4:10pm - 5:25pm 502 Northwest Corner	Michael Schoch	3.00	14/14						
ENGL 1010	603/14940	M W 8:40am - 9:55am 307 Mathematics Building	Angelica Modabber	3.00	14/14						
ENGL 1010	607/14941	M W 10:10am - 11:25am 201b Philosophy Hall	Meg Zhang	3.00	14/14						
ENGL 1010	623/14942	M W 4:10pm - 5:25pm 201d Philosophy Hall	Ayesha Verma	3.00	14/14						

Academic Affairs
202 Hamilton
212-851-9814
cc-academic@columbia.edu

The Foreign Language Requirement Website

The foreign language requirement forms part of Columbia College's mission to prepare students to be tomorrow's conscientious and informed citizens. Knowledge of another's language and literature is the most important way to begin to know a country and people. The study of a foreign language:

1. Introduces students to world cultures, also making them aware of their own culture within that context;
2. Informs students of the differences in structure, grammar, and syntax that distinguish languages from each other, and clarifies the intimate links between language and cultural meaning;
3. Contributes to the development of students' critical, analytical, and writing skills.

The requirement may be satisfied in one of the following ways:

1. Satisfactory completion of the second term of an intermediate language sequence.
2. Demonstration of an equivalent competence through the appropriate score on the SAT II Subject Test or Advanced Placement Tests.
3. Demonstration of an equivalent competence through the College's own placement tests (consult the department through which the language is offered).
4. The successful completion of an advanced level foreign language or literature course that requires 2102 or the equivalent as a prerequisite. This course must be taken for a letter grade.
5. Students whose native language is not English are not required to take an additional foreign language or an achievement test if they have completed the secondary school requirement in the native language.

Because success in learning a foreign language is dependent on the full engagement of the students enrolled in a language course, all terms of language instruction/conversation courses, whether being used toward fulfillment of the foreign language requirement or not, must be taken in order and for a letter grade. These courses may not be taken for a grade of Pass/D/Fail.

Students wishing to satisfy the requirement in any other language should consult with their advising dean. In some instances, equivalent language courses offered at Barnard College and in the School of General Studies may be used to satisfy the requirement, however, students should speak with the Columbia department to ensure that courses from these schools are approved for the requirement.

Any student who wishes to submit a language course taken at another institution in fulfillment of the language requirement must pass a departmental placement examination.

In order to ensure that students achieve foreign-language proficiency without a significant break in progress, this requirement must be completed before a student can be eligible to study abroad, even if the language of instruction of the study-abroad program is English. For students seeking to study abroad in other languages, more advanced foreign-language study is usually required (see *Special Programs*).

The following languages are offered in the College toward satisfaction of the requirement:

- **Akkadian**
Language Resource Center
- **Arabic**
Middle Eastern, South Asian, and African Studies
- **Armenian**
Middle Eastern, South Asian, and African Studies
- **Bengali**
Language Resource Center
- **Bosnian-Croatian-Serbian**
Slavic Languages
- **Catalan**
Latin American and Iberian Cultures
- **Chinese**
East Asian Languages and Cultures
- **Czech**
Slavic Languages
- **Dutch**
Germanic Languages (p. 520)
- **Filipino**
Language Resource Center
- **Finnish**
Germanic Languages
- **French**
French and Romance Philology
- **German**
Germanic Languages
- **Greek, Classical and Modern**
Classics
- **Hebrew**
Middle Eastern, South Asian, and African Studies
- **Hindi-Urdu**
Middle Eastern, South Asian, and African Studies
- **Hungarian**
Italian
- **Italian**
Italian
- **Japanese**
East Asian Languages and Cultures
- **Korean**

East Asian Languages and Cultures

- **Latin**
Classics
- **Persian**
Middle Eastern, South Asian, and African Studies
- **Polish**
Slavic Languages
- **Portuguese**
Latin American and Iberian Cultures
- **Pulaar**
Middle Eastern, South Asian, and African Studies
- **Punjabi**
Middle Eastern, South Asian, and African Studies
- **Romanian**
Language Resource Center
- **Russian**
Slavic Languages
- **Sanskrit**
Middle Eastern, South Asian, and African Studies
- **Spanish**
Latin American and Iberian Cultures
- **Swahili**
Middle Eastern, South Asian, and African Studies
- **Swedish**
Germanic Languages
- **Tamil**
Middle Eastern, South Asian, and African Studies
- **Tibetan**
East Asian Languages and Cultures
- **Turkish, Modern**
Middle Eastern, South Asian, and African Studies
- **Ukrainian**
Slavic Languages
- **Vietnamese**
East Asian Languages and Cultures
- **Wolof**
Middle Eastern, South Asian, and African Studies
- **Yiddish**
Germanic Languages
- **Yoruba**
Language Resource Center
- **Zulu**
Language Resource Center

GLOBAL CORE REQUIREMENT

Chair of the Committee on Global Core
Prof. Patricia Grieve

globalcore@columbia.edu

General Information

Academic Affairs
202 Hamilton
212-851-9814
cc-academic@columbia.edu

Global Core Requirement Website

The Global Core requirement asks students to engage directly with the variety of civilizations and the diversity of traditions that, along with the West, have formed the world and continue to interact in it today. Courses in the Global Core typically explore the cultures of Africa, Asia, the Americas, and the Middle East in an historical context. These courses are organized around a set of primary materials produced in these traditions and may draw from texts or other forms of media, as well as from oral sources or performance, broadly defined.

Global Core courses fall into two categories, and can be, on occasion, a hybrid of the two types: those with a comparative, multidisciplinary, or interdisciplinary focus on specific cultures or civilizations, tracing their existence across a significant span of time, and may include Europe and/or the U.S.; and those that address a common theme or set of analytic questions comparatively (and may include Europe and the U.S.). The Global Core requirement consists of courses that examine areas not the primary focus of Literature Humanities and Contemporary Civilization and that, like other Core courses, are broadly introductory, interdisciplinary, and temporally and/or spatially expansive.

Students must complete two courses from the approved list of Global Core courses for a letter grade.

SUMMER 2023 APPROVED COURSES

As Summer 2023 schedules become available, more courses will be added to this list. Please check back for additional updates.

Last updated on March 2, 2023.

Art History and Archaeology

AHUM S2901	MASTERPIECES-INDIAN ART # ARCH
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Classics

CLCV UN3058	Worlds of Alexander the Great
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Film

FILM S2295	WORLD CINEMA: MEXICO
FILM S4215	CONTEMPORARY GLOBAL DOCUMENTAR

FILM GU4325	Waves on Different Shores: France, Japan, Brazil (This course will be taught abroad in Reid Hall, Paris.)
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French

MENA OC4100	Migration, Displacement and Diaspora in the French and North African Context (This course will be taught abroad in Reid Hall, Paris.)
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History

HIST S3596	HIST OF LATINOS/AS IN THE U.S.
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HIST UN3779	AFRICA AND FRANCE
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Middle Eastern, South Asian, and African Studies

MDES UN1001	CRITICAL THEORY: A GLOBAL PERSPECTIVE
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Music

AHMM UN3320	MUSIC IN EAST ASIA
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AHMM S3321	MUSICS OF INDIA # WEST ASIA
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Religion

RELI S2305	ISLAM
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SPRING 2023 APPROVED COURSES

As Spring 2023 schedules become available, more courses will be added to this list. Please check back for additional updates.

Last updated on March 2, 2023.

African American Studies

AFAS UN1003	Blackness and Frenchness: A Radical Genealogy (effective beginning Spring 2023)
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Anthropology

ANTH UN1008	THE RISE OF CIVILIZATION
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ANTH UN3947	TEXT, MAGIC, PERFORMANCE
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Art History and Archaeology

AHUM UN2901	MASTERPIECES-INDIAN ART # ARCH
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Center for the Core Curriculum

AFCV UN1020	AFRICAN CIVILIZATION
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LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
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Center for the Study of Ethnicity and Race

CSER UN1010	INTRO TO COMP ETHNIC STUDIES
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CSER UN3928	COLONIZATION/ DECOLONIZATION
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Classics

CLCV UN3059	WORLDS OF ALEXANDER THE GREAT
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Comparative Literature and Society

CPLS UN3454	STAGING THE EARLY MOD MEDITERR
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Dance Barnard

DNCE BC2565	WORLD DANCE HISTORY
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East Asian Languages and Cultures

ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
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ASCE UN1361	INTRO EAST ASIAN CIV: JPN
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ASCE UN1363	INTRO TO EAST ASIAN CIV: KOREA
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AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS
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EAAS UN3114	Chinese Theater and Drama Traditions (effective beginning Spring 2023)
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EAAS UN3322	EAST ASIAN CINEMA
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EAAS UN3844	CULTURE, MENTAL HEALTH, AND HEALING IN EAST ASIA
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EAAS GU4160	CULTURES IN COLONIAL KOREA
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HSEA GU4542	The History of the Samurai (effective beginning Spring 2023)
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HSEA GU4847	MODERN JAPAN
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Film Studies

FILM UN2296	ARAB # AFRICAN FILMMAKING
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Germanic Languages

GERM UN3780	BERL/ ISTANBUL:MIGRATN,CLTR,VA
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History

HIST UN1004	ANCIENT HISTORY OF EGYPT
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HIST UN2661	LATIN AMERICAN CIVILIZATION II
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HSEA UN3898	THE MONGOLS IN HISTORY
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Jewish Studies

JWST GU4145	Topics in Israeli Cinema
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Latin American and Iberian Cultures

SPJS UN3303	JEWISH CULTURE IN TRANSL IN MED IBERIA
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PORT UN3350	LUSOPHONE AFR/AFRO-BRAZ CULTRS
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PORT UN3490	BRAZILIAN SOCIETY # CIV (ENG)
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SPAN UN3349	HISPANIC CULTURES I (SP)
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SPAN UN3350	HISPANIC CULTURES II (SP)
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Middle Eastern, South Asian, and African Studies

AHUM UN1399	COLLOQUIUM ON MAJOR TEXTS
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ASCM UN2008	CONTEMP ISLAMIC CIVILIZATION
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MDES UN2641	CINEMAS OF INDIA
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MDES UN2650	GANDHI # HIS INTERLOCUTORS
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MDES UN3445	SOCIETIES/CULTRS: INDIAN OCEAN
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CLME GU4231	COLD WAR ARAB CULTURE
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CLME GU4241	SUFISM: PRIMARY TEXTS/ CONTEXTS
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MDES GU4634	Sound and Listening Cultures of the Indian Subcontinent (Effective beginning Spring 2023)
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Music

MUSI UN2020	SALSA, SOCA # REGGAE
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AHMM UN3320	MUSIC IN EAST ASIA
Religion	
RELI UN2405	CHINESE RELIGIOUS TRADITIONS
RELI GU4322	EXPLORING THE SHARIA: ISLAMIC LAW
RELI GU4999	GLOBAL INDIGENOUS RELIGIOUS HISTORIES
Slavic Languages	
SLCL UN3001	SLAVIC CULTURES
RUSS UN3230	Tricksters in World Culture: Mockery, Subversion, Rebellion

FALL 2022 APPROVED COURSES

As Fall 2022 schedules become available, more courses will be added to this list. Please check back for additional updates. Last updated on November 18, 2022.

African American and African Diaspora Studies

AFAS UN1001	INTRO TO AFRICAN-AMER STUDIES
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Anthropology

ANHS GU4001	THE ANCIENT EMPIRES
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Art History and Archaeology

AHUM UN2604	ARTS OF CHINA, JAPAN AND KOREA
AHUM UN2800	Arts of Islam, 700-1000 CE

Center for the Core Curriculum

AFCV UN1020	AFRICAN CIVILIZATION
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV

Center for the Study of Ethnicity and Race

CSER UN1010	INTRO TO COMP ETHNIC STUDIES
CSER UN3922	RACE#REPRESENTATION IN ASIAN AMER CINEMA
CSER UN3926	LATIN MUSIC AND IDENTITY
CSER UN3928	COLONIZATION/ DECOLONIZATION

Classics

CLCV UN2441	EGYPT IN CLASSICAL WORLD
CSGM UN3567	THESSALONIKI DOWN THE AGES

Comparative Literature and Society

CPLS UN3454	STAGING THE EARLY MOD MEDITERR
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Dance- Barnard

DNCE BC3567	DANCES OF INDIA
DNCE BC3550	Dance in Africa (Effective beginning Fall 2022)

East Asian Languages and Cultures

ASCE UN1002	INTRO MAJOR TPCS: EAST ASIAN
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ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
ASCE UN1361	INTRO EAST ASIAN CIV: JPN
ASCE UN1365	INTRO EAST ASIAN CIV: TIBET
ASCE UN1367	INTRO EA CIV: VIETNAM
AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS
AHUM UN3830	COLL ON MODERN EAST ASIA TEXTS
EAAS UN3338	CULTRL HIST-JAPANESE MONSTERS
EARL GU4312	TIBETAN SACRED SPACE(IN COMPARATIVE CONT
HSEA GU4222	China's Global Histories: People, Space, and Power
HSEA GU4880	HISTORY OF MODERN CHINA I

Economics

ECON GU4325	ECONOMIC DEVELOPMENT OF JAPAN
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English and Comparative Literature

CLEN GU4199	LITERATURE AND OIL
ENGL UN3489	Black Lives in Pre-Modern Britain (effective beginning Fall 2022)

French and Romance Philology

CLFR GU4321	The Maghreb in Transition: Society # Culture in North Africa Since 1990
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History

HIST UN2377	WORLD HISTORY SINCE WW II
HIST UN2660	LATIN AMERICAN CIVILIZATION I
HIST UN2719	HISTORY OF THE MOD MIDDLE EAST
HSME UN2810	HISTORY OF SOUTH ASIA I

Italian

CLIA GU4499	Mediterranean Humanities I (Effective beginning Fall 2022)
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Jewish Studies

JWST GU4145	Topics in Israeli Cinema
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Latin American and Iberian Cultures

SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)
PORT UN3490	BRAZILIAN SOCIETY # CIV (ENG)

Linguistics

LING UN3102	Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC
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Middle Eastern, South Asian, and African Studies

MDES UN1030	"Game of Thrones": On Epics and Empires
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AHUM UN1399	COLLOQUIUM ON MAJOR TEXTS
ASCM UN2003	INTRO TO ISLAMIC CIVILIZATION
ASCM UN2357	INTRO TO INDIAN CIVILIZATION
MDES UN3000	THEORY AND CULTURE
MDES UN3130	E AFRICA # THE SWAHILI COAST
CLME UN3928	ARABIC PRISON WRITING
CLME GU4226	ARABIC AUTOBIOGRAPHY GLOBAL DIMENSIONS
CLME GU4262	THEMES IN THE ARABIC NOVEL
Music	
AHMM UN3321	MUSICS OF INDIA # WEST ASIA
Philosophy	
PHIL UN3000	BUDDHIST PHILOSOPHY (Effective beginning Fall 2022)
Religion	
RELI UN2305	ISLAM
RELI UN2308	BUDDHISM: EAST ASIAN
Theatre	
THTR UN3154	THEATRE TRAD GLOBAL CONTEXT
Urban Studies	
URBS UN3351	URBAN ELSEWHERE: EXPLORING A WORLD OF CITIES

ALL APPROVED COURSES: MORNINGSIDE CAMPUS

Not all courses are taught each academic year. Below is the full list of all courses offered on the Morningside Heights campus that are approved for the Global Core Requirement, regardless of semester offered. Last updated on March 2, 2023.

African-American Studies

AFAS UN1001	INTRO TO AFRICAN-AMER STUDIES
AFAS UN1003 Blackness and French: A Radical Genealogy (effective beginning Spring 2023)	

Anthropology

ANTH UN1008	THE RISE OF CIVILIZATION
ANTH UN1130	Africa and the Anthropologist
ANTH UN2007	Indian and Nigerian Film Cultures (Effective beginning Fall 2017 semester)
ANTH V2013	Africa in the 21st Century: Aesthetics, Culture, Politics
ANTH V2014	Archaeology and Africa: Changing Perceptions of the African Past

ANTH V2020	Chinese Strategies: Cultures in Practice
ANTH V2027	Changing East Asia Foodways
ANTH UN2031	Corpse Life: Anthropological Histories of the Dead [Previously Archaeologies of Death and (Effective beginning Fall 2017)]
ANTH V2035	Introduction to the Anthropology of South Asia
ANTH V2100	Muslim Societies
ANTH UN2141	Frontier Imaginaries (Effective beginning Spring 2022)
ANTH UN3300	Pre-Columbian Histories of Native America
ANTH UN3465	WOMEN, GENDER POL-MUSLIM WORLD
ANTH V3525	Introduction to South Asian History and Culture
ANTH UN3821	Native America
ANTH V3892	CONTEMP CENT ASIA:STATES # SOC
ANTH UN3933	ARABIA IMAGINED
ANTH UN3947	TEXT, MAGIC, PERFORMANCE
ANHS GU4001	THE ANCIENT EMPIRES
ANTH G4065	Archaeology of Idols
Art History and Archaeology	
AHIS UN2119	ROME BEYOND ROME (Effective beginning Spring 2018)
AHIS UN2600	THE ARTS OF CHINA
AHIS UN2500	ARTS OF AFRICA
AHUM UN2604	ARTS OF CHINA, JAPAN AND KOREA
AHIS UN2614	Chinese Painting of the Song Dynasty (960-1279) (Effective beginning Summer 2021)
AHUM UN2800	Arts of Islam, 700-1000 CE (Effective beginning Fall 2017 semester)
AHUM UN2802	Arts of Islam: Realalignments of Empire and State (ca. 1000-1400) (Effective Spring 2017)
AHUM UN2901	MASTERPIECES-INDIAN ART # ARCH
AHIS W3500	Yoruba and the Diaspora (Effective beginning Fall 2014; formerly AHIS W3898)
AHIS UN3501	African Art: The Next Generation. Focus: Congo (Effective Spring 2017)
AHIS UN3503	Contemporary Arts of Africa (Effective beginning Fall 2020)
AHIS W3832	Sacred Landscapes of the Ancient Andes (Effective beginning Spring 2016)

AHIS Q4570	Andean Art and Architecture (formerly AHIS G4085)
AHIS GU4584 Critical Approaches to Persianate Painting (effective beginning Spring 2019)	
Center for the Core Curriculum	
AFCV UN1020	AFRICAN CIVILIZATION
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
Center for the Study of Ethnicity and Race	
CSER UN1010	INTRO TO COMP ETHNIC STUDIES
CSER W3510	Novels of Immigration, Relocation, and Diaspora (Also offered as ENGL GU4650, effective Spring 2017)
CSER UN3922	RACE#REPRESENTATION IN ASIAN AMER CINEMA
CSER UN3926	LATIN MUSIC AND IDENTITY
CSER UN3928	COLONIZATION/ DECOLONIZATION
CSER W3961	(Wealth and Poverty in America)
Classics	
CLCV UN2441	EGYPT IN CLASSICAL WORLD (Effective beginning Spring 2018)
CLCV UN3059	WORLDS OF ALEXANDER THE GREAT (Effective beginning Spring 2017)
CLCV W3111	Plato and Confucius: Comparative Ancient Philosophies (Effective beginning Spring 2015)
CLCV W3244	Global Histories of the Book (Effective beginning Fall 2015)
CSGM UN3567	THESSALONIKI DOWN THE AGES (Effective Spring 2017)
CLGM UN3920	WORLD RESPONDS TO THE GREEKS (formerly "The World Responds to the Greeks: Greece Faces East")
GRKM UN3935	Hellenism and the Topographical Imagination (formerly GRKM UN3920 "The World Responds to the Greeks")
CLCV GU4411	Egypt in the Classical World (Egypt in the Classical World Effective beginning Spring 2020)
CLGM GU4600	Multilingual America: Translation, Migration, Gender (Effective beginning Fall 2021)
Colloquia and Interdepartmental Seminars	
INSM UN3920	NOBILITY/CIVILITY: EAST/ WEST I
INSM UN3921	Nobility and Civility II
INSM C3940	Science Across Cultures
INSM W3950	Friendship in Asian and Western Civilization
Comparative Literature and Society	

CLGM UN3110	THE OTTOMAN PAST IN THE GREEK PRESENT (Effective beginning Spring 2018)
CPLS UN3333	EAST/WEST FRAMETALE NARRATIVES
CPLS UN3454	STAGING THE EARLY MOD MEDITERR
CLGM UN3920	WORLD RESPONDS TO THE GREEKS
CPLS W3945	Transnational Memory Politics and the Culture of Human Rights (Effective beginning Spring 2014)
CPLS W3955	The West in Global Thought
CPLS UN3956	Postcolonial Narrative and the Limits of the Human
CPLS W4100	Andalusian Symbiosis: Islam and the West (Effective beginning Fall 2014)
CPLS GU4111	World Philology (Effective Spring 2017)
Committee on Global Thought	
CGTH UN3401	Seminar in Global Thought: Inquiries into an Interconnected World (Effective beginning Fall 2018)
CGTH UN3402	YOUTH-INTERCONNECTED WRLD (Effective beginning Spring 2019)
Dance- Barnard	
DNCE BC3550	Dance in Africa (Effective beginning Fall 2022)
DNCE BC3567	DANCES OF INDIA (Effective beginning Fall 2018)
DNCE BC2565	WORLD DANCE HISTORY (Effective beginning Spring 2019)
East Asian Languages and Cultures	
ASCE UN1002	INTRO MAJOR TPCS: EAST ASIAN
ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
ASCE UN1361	INTRO EAST ASIAN CIV: JPN
ASCE UN1363	INTRO TO EAST ASIAN CIV: KOREA
ASCE UN1365	INTRO EAST ASIAN CIV: TIBET
ASCE UN1367	INTRO EA CIV: VIETNAM (Effective beginning Fall 2017)
AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS
EAAS UN2342	Mythology of East Asia
EAAS UN3116	Supernatural in East Asia (Effective beginning Spring 2020)
EAAS UN3114	Chinese Theater and Drama Traditions (effective beginning Spring 2023)
EAAS UN3121	Minority Literature in Modern China (Offered Fall 2018 as a one- time course)

EAAS UN3122	Modern Chinese Poetry in a Global Context (Offered Spring 2020 as a one-time course. Effective beginning Spring 2022- Course number changed to EAAS GU4111)
EAAS UN3322	EAST ASIAN CINEMA (Effective Spring 2017)
EAAS UN3338	CULTRL HIST-JAPANESE MONSTERS (Effective Fall 2019)
EAAS V3350	Japanese Fiction and Film (Effective beginning Fall 2014)
AHUM UN3830	COLL ON MODERN EAST ASIA TEXTS (Colloquium on Modern East Asian Texts)
EAAS UN3844	CULTURE, MENTAL HEALTH, AND HEALING IN EAST ASIA (Effective beginning Fall 2019)
HSEA Q3870	Japan Before 1600 (Effective beginning Spring 2015; formerly HSEA W4870)
EAAS UN3927	CHINA IN THE MODERN WORLD
EAAS GU4017	Ethnography and Representation in Tibet (effective beginning Fall 2020)
EAAS GU4111	Modern Chinese Poetry in a Global Context (was formerly EAAS UN3122)
EARL W4127	Mediations, Perceptions, Words: Poetry in Buddhist Literature (Effective beginning Spring 2016)
EAAS GU4160	CULTURES IN COLONIAL KOREA (Effective beginning Spring 2014; formerly EAAS G4160)
HSEA GU4222	China's Global Histories: People, Space, and Power (Effective beginning Fall 2019)
EAAS GU4277	Japanese Anime and Beyond: Gender, Power and Transnational Media
EARL GU4310	LIFE WRIT/TIBET BUDDHIST LIT
EARL GU4312	TIBETAN SACRED SPACE(IN COMPARATIVE CONT (Effective beginning Spring 2018 semester)
EAAS GU4233	Sonic Modernity in East Asia (Effective beginning Spring 2020)
EAAS GU4445	Proletarian Asia - working-class culture from 1930s to present (Effective beginning Spring 2022)
HSEA GU4542	The History of the Samurai (effective beginning Spring 2023)
EAAS GU4565	TIBET IN THE WORLD: CULTURAL PRODUCTION AND SOCIAL CHANGE (Effective beginning Spring 2022)

HSEA GU4816	Comparing Indigeneities (Effective beginning Spring 2020)
HSEA GU4822	Troubled Islands of the Indo Pacific (Effective beginning Spring 2017)
HSEA GU4847	MODERN JAPAN (Effective beginning Fall 2017)
HSEA W4866	Competing Nationalisms in East Asia: Representing Chinese and Tibetan Relations in History (Effective beginning Fall 2015)
HSEA GU4880	HISTORY OF MODERN CHINA I
Economics	
ECON GU4325	ECONOMIC DEVELOPMENT OF JAPAN
English and Comparative Literature	
CLEN UN3360	Theaters of Gods and Heroes (Effective beginning Spring 2020)
CLEN S3682	Human Rights in World Literature and Visual Culture (formerly CLEN S3851)
ENGL UN3489	Black Lives in Pre-Modern Britain
CLEN S3829	Fantastic Fictions: Postmodern Asian American Literature (Effective beginning Summer 2020)
ENGL UN3851	INDIAN WRITING IN ENGLISH (Effective beginning Spring 2019)
CLEN UN3933	POSTCOLONIAL LITERATURE (Effective beginning Fall 2018)
CLEN GU4199	LITERATURE AND OIL (Effective beginning Fall 2020)
CLEN W4200	Caribbean Diaspora Literature
ENGL GU4650	Novels of Immigration, Relocation, Diaspora (formerly ENGL W3510)
CLEN GU4644	REVOLUTION IN/ON THE CARIBBEAN (Effective beginning Fall 2018)
ENTA GU4729	GLOBAL ANGLOPHONE DRAMA (Effective beginning Spring 2022)
Film Studies	
FILM UN2292	Topics in World Cinema: China (Effective beginning Spring 2018)
FILM UN2294	World Cinema: Latin America (Effective beginning Fall 2018)
FILM S2295Q	World Cinema: Mexico (Effective beginning Summer 2017)
FILM UN2296	ARAB # AFRICAN FILMMAKING (Effective Fall 2019)
FILM GU4020	Brazilian Cinema: Cinema Novo and Beyond (Effective beginning Fall 2021)

FILM S4215D Contemporary Global Documentary (Effective beginning Summer 2019)

FILM GU4294 World Cinema: Latin America (Effective beginning Summer 2021)

French and Romance Philology

CLFR UN3716 Francophone Romance : Love and Desire in French Colonial and Post-Colonial Literatures

FREN UN3822 Blackness in French: From Harlem to Paris and Beyond (Effective beginning Summer 2021)

CLFR GU4002 French Theory in a Global Context (Effective beginning Spring 2022)

CLFR GU4020 Contemporary Migrations in the French and North African Context (effective beginning Summer 2020)

CLFR GU4321 The Maghreb in Transition: Society # Culture in North Africa Since 1990 (Effective beginning Summer 2021)

CLFR GU4440 Remapping Algeria: Poetics and Politics of Space (Effective beginning Spring 2021)

CLFR GU4421 The Caribbean Digital (Effective beginning Fall 2020)

CLFR GU4716 FRANCOPHONE ROMANCE LOVE, SEX, INTIMACY IN THE FRENCH COLONIAL WORLD (Effective beginning Fall 2019)

Germanic Languages

GERM UN3780 BERL/
ISTANBUL:MIGRATN,CLTR,VAL

History

HIST UN1004 ANCIENT HISTORY OF EGYPT

HIST W1054 Introduction to Byzantine History (Effective beginning Spring 2016)

HIST UN2003 Empire # Nation-Building East Central Europe (Effective beginning Fall 2020)

HIST UN2176 REVOLUTION # EMPIRE: HAITI # FRANCE, 1789-1820 (Effective beginning Summer 2022)

HIST UN2336 Everyday Communism (Effective beginning Spring 2020)

HIST UN2377 WORLD HISTORY SINCE WW II (Effective Spring 2017)

HIST UN2444 The Vietnam War (Effective beginning Spring 2017)

HIST UN2580 US - EAST ASIA RELATIONS (Effective beginning Fall 2017)

HIST UN2618 The Modern Caribbean

HIST UN2657 Medieval Jewish Cultures (formerly HIST W3657)

HIST UN2660 LATIN AMERICAN CIVILIZATION I

HIST UN2661 LATIN AMERICAN CIVILIZATION II

HIST UN2701 THE OTTOMAN EMPIRE (formerly HIST W3701)

HIST UN2719 HISTORY OF THE MOD MIDDLE EAST (formerly HIST W3719)

HSWM UN2761 GENDER # SEXUALITY IN AFRICA (Effective beginning Fall 2018)

HIST UN2764 East African History

HIST UN2772 West African History

HIST W2803 The Worlds of Mughal India (Effective beginning Spring 2014; formerly HIST W3803)

HSME UN2810 HISTORY OF SOUTH ASIA I (formerly HSME W3810)

HSME UN2811 South Asia: Empire and Its Aftermath (formerly HIST UN2811)

HIST W2880 Gandhi's India (formerly HIST W3800)

HIST UN2881 VIETNAM IN THE WORLD (Effective beginning Spring 2019)

HIST Q2900 History of the World to 1450 CE (formerly HIST W3902)

HIST W2903 History of the World from 1450 CE to the Present (Effective beginning Fall 2013; formerly HIST W2903)

HIST W2943 Cultures of Empire (formerly HIST W3943)

HIST UN3152 Byzantine Encounters in the Mediterranean and the Middle East (Taught on Morningside going forward, effective Spring 2017)

HIST UN3298 Popular Culture in Modern African History (Effective beginning Fall 2019)

HIST Q3400 Native American History (formerly HIST W4404)

HIST S3596 HIST OF LATINOS/AS IN THE U.S. (Effective beginning Summer 2022)

HIST W3678 Indigenous Worlds in Early Latin America (formerly HIST W4678)

HIST UN3766 African Futures (Effective beginning Fall 2017)

HIST UN3779 AFRICA AND FRANCE

HSEA UN3898 THE MONGOLS IN HISTORY

HIST Q3933 Empires and Cultures of the Early Modern Atlantic World (Effective only for Spring 2014; formerly HIST W4103)

HIST UN3601 Jews in the Later Roman Empire, 300-600 CE (Effective beginning Fall 2014; formerly HIST W4601; renumbered to HIST UN3601, effective Fall 2018)

HIST GU4301 Politics and Justice in Latin America through Crime Fiction (Effective beginning Fall 2021)

HIST GU4660 Indigenous Worlds in Early Latin America (Effective beginning Fall 2021)

HIST GU4811 Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond (Effective beginning Spring 2017 semester)

Italian

ITAL GU4022 THE QUR'AN IN EUROPE (Effective beginning Fall 2017)

CLIA GU4499 Mediterranean Humanities I (Effective beginning Fall 2022)

CLIA GU4500 Mediterranean Humanities (Effective beginning Fall 2021)

Jewish Studies

JWST UN3538 Jews in the City in the Islamic Middle East (Effective beginning Spring 2021)

JWST GU4145 Introduction to Israeli Cinema (Effective beginning Spring 2020)

Latin American and Caribbean Studies

LCRS UN3500 Latin American Cities (Effective beginning Spring 2017)

Latin American and Iberian Cultures

SPJS UN3303 JEWISH CULTURE IN TRANSL IN MED IBERIA ((Effective beginning Fall 2017 semester))

SPAN UN3349 HISPANIC CULTURES I (SP)

PORT UN3350 LUSOPHONE AFR/AFRO-BRAZ CULTRS

SPAN UN3350 HISPANIC CULTURES II (SP)

SPAN UN3361 ARTISTIC HUMANITY (Effective beginning Spring 2017)

PORT UN3490 BRAZILIAN SOCIETY # CIV (ENG) (Effective beginning Fall 2017 semester)

SPAN UN3490 Latin American Humanities I: From Pre-Columbian Civilizations to the Creation of New Nations

SPAN W3491 Latin American Humanities II: From Modernity to the Present [In English]

PORT UN3601 Race, Medicine and Literature in 19th-Century Brazil (Effective beginning Fall 2020)

Linguistics

LING UN3102 Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC (Effective beginning Fall 2019)

Middle Eastern, South Asian, and African Studies

MDES UN1001 CRITICAL THEORY: A GLOBAL PERSPECTIVE (Effective beginning Spring 2018)

MDES UN1030 "Game of Thrones": On Epics and Empires (Effective beginning Fall 2021)

AHUM UN1399 COLLOQUIUM ON MAJOR TEXTS (formerly AHUM UN3399, new course number effective Fall 2018)

ASCM V2001 Introduction to Major Topics in the Civilizations of the Middle East and India

ASCM UN2003 INTRO TO ISLAMIC CIVILIZATION

MDES UN2006 What is Islam? (Effective beginning Spring 2022)

ASCM UN2008 CONTEMP ISLAMIC CIVILIZATION

MDES UN2012 Finding Happiness: Readings in Arab-Islamic Texts (Effective beginning Fall 2022)

MDES UN2030 Major Debates in the Study of Africa

MDES W2041 Introduction to Indian Philosophy (Effective beginning Spring 2015)

ASCM UN2357 INTRO TO INDIAN CIVILIZATION

MDES UN2641 CINEMAS OF INDIA (Effective beginning Fall 2020)

MDES UN2650 GANDHI # HIS INTERLOCUTORS (Gandhi and His Interlocutors; Effective beginning Spring 2015)

MDES UN3000 THEORY AND CULTURE

CLME W3032 Colonialism: Film, Fiction, History & Theory

HSME UN3044 From Colonial to Global Health (Effective beginning Fall 2017 semester)

MDES UN3047 MESAAS # History: Court Cultures 350-1750 (Effective beginning Spring 2021)

MDES UN3121 Literature and Cultures of Struggle in South Africa (Effective beginning Spring 2017)

MDES UN3130 E AFRICA # THE SWAHILI COAST

CLME UN3221	ARABIC LITERATURE AS WORLD LITERATURE (Effective beginning Fall 2017 semester- course number changed to CLME GU4272 beginning Spring 2020)	MDES G4326	The Armenian Genocide and the Holocaust: Memory and Representation
MDES UN3260	RETHINKING MIDDLE EAST POLITCS (Effective beginning Spring 2017)	MDES GU4634	Sound and Listening Cultures of the Indian Subcontinent (effective beginning Spring 2023)
CLME UN3266	Decolonizing the Arabian Nights (Was formerly MDES GU4266 "Decolonizing the Arabian Nights". New course number effective beginning Spring 2022.)	MDES GU4637	Cinema and Colonialism in South Asia (Effective beginning Spring 2018)
MDES UN3421	Islamic Central Asia (Effective beginning Fall 2020)	Music	
MDES UN3445	SOCIETIES/CULTRS: INDIAN OCEAN (Effective beginning Fall 2013)	MUSI UN2020	SALSA, SOCA # REGGAE
CLME UN3928	ARABIC PRISON WRITING	MUSI V2430	Listening and Sound in Cross-Cultural Perspective (Effective beginning Fall 2014; formerly MUSI W4430)
MDES UN3930	Iraq: War, Love, and Exile (Effective beginning Spring 2021)	AHMM UN3320	MUSIC IN EAST ASIA
CLME GU4031	Cinema and Society In Asia and Africa	AHMM UN3321	MUSICS OF INDIA # WEST ASIA
MDES G4052	Locating Africa in the Early 20th Century World	MUSI GU4466	Sound and Image in Modern East Asian Music (Effective Spring 2017)
MDES GU4150	Introduction to African Philosophy (Effective beginning Spring 2017)	Physics	
CLME GU4225	New Millenium Challenges in Arabic Literary Production (Effective beginning Spring 2019- formerly "Arabic Literary Production"; New title effective Fall 2019)	SCNC UN3001	Nuclear Weapons and Nuclear Testing: Marshall Islands (Effective beginning Spring 2021)
CLME GU4226	ARABIC AUTOBIOGRAPHY GLOBAL DIMENSIONS (Effective beginning Spring 2018)	Philosophy	
CLME GU4229	Afro-Mediterranean Cultural Geographies: Ifriqiya-Tunis ((Effective beginning Fall 2018))	PHIL UN3000	BUDDHIST PHILOSOPHY (Effective beginning Fall 2022)
CLME GU4231	COLD WAR ARAB CULTURE	Religion	
CLME GU4241	SUFISM: PRIMARY TEXTS/ CONTEXTS	RELI UN1612	Religion and the History of Hip Hop (Effective beginning Spring 2020)
CLME G4261	Popular Islam: Asia and Africa	RELI UN2205	BUDDHISM: INDO-TIBETAN (effective Fall 2016)
MDES GU4259	War Narrative: The Arab World (Effective beginning Fall 2019)	RELI UN2305	ISLAM
CLME GU4262	THEMES IN THE ARABIC NOVEL (Effective beginning Fall 2018)	RELI UN2306	INTRO TO JUDAISM (Effective beginning Fall 2018)
MDES GU4266	Decolonizing the Arabian Nights (Effective beginning Fall 2021. Effective Spring 2022- new course number CLME UN3266)	RELI UN2405	CHINESE RELIGIOUS TRADITIONS (formerly RELI UN2307)
CLME GU4272	ARABIC LITERATURE AS WORLD LITERATURE (was formerly CLME UN3221- change of course number effective Spring 2020)	RELI UN2308	BUDDHISM: EAST ASIAN
		RELI UN2309	HINDUISM
		RELI UN2335	RELI IN BLACK AMERICA:AN INTRO (formerly RELI V2645)
		RELI UN3303	Judaism and Translation in the Medieval and Early Modern Mediterranean (effective Spring 2017)
		RELI UN3407	Muslims in Diaspora (Effective beginning Spring 2016; formerly RELI V3307)
		RELI UN3425	Judaism and Courtly Literature in Medieval and Early Modern Iberia and Italy (Effective beginning Fall 2016)

RELI Q3511	Tantra in South Asia, East Asia & the West (Effective beginning Spring 2015; formerly RELI V3411)
RELI UN3521	Muslim Masculinities (Effective beginning Spring 2019)
RELI GU4214	African and North African Philosophy: An Introduction (Effective beginning Summer 2021)
RELI GU4215	Hinduism Here (Effective beginning Fall 2019)
RELI GU4204	Religions of the Iranian World (Effective Spring 2020)
RELI GU4304	Krishna (Effective beginning Fall 2017)
RELI GU4314	Bhakti Poets (Effective beginning Spring 2022)
RELI GU4322	EXPLORING THE SHARIA: ISLAMIC LAW (Effective beginning Fall 2018)
RELI GU4418	On African Theory: Religion, Philosophy, Anthropology (Effective beginning Spring 2019)
RELI GU4999	GLOBAL INDIGENOUS RELIGIOUS HISTORIES (Effective beginning Fall 2020)
Slavic Languages	
SLCL UN3001	SLAVIC CULTURES
SLCL UN3100	FOLKLORE PAST # PRESENT (Effective beginning Fall 2021 semester)
RUSS UN3230	Tricksters in World Culture: Mockery, Subversion, and Rebellion (Effective beginning Fall 2022)
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
GEOR GU4042	CLT HERITAGE: A GEOR CASE STUDY (Effective beginning Spring 2017)
CLRS W4190	Race, Ethnicity, and Narrative, in the Russian/Soviet Empire
Sociology	
SOCI UN3324	Global Urbanism
Theatre	
THTR UN3154	THEATRE TRAD GLOBAL CONTEXT (formerly THTR UN3000)
Urban Studies	
URBS UN3351	URBAN ELSEWHERE: EXPLORING A WORLD OF CITIES (Effective beginning Spring 2021)

ALL APPROVED COURSES: OFFERED ABROAD

Not all courses are taught each academic year. Below is the full list of all courses offered abroad through Columbia-sponsored programs that are approved for the Global Core Requirement, regardless of semester offered. For more information, consult the [Office of Global Programs](#). Last updated on May 12, 2022.

Center for the Study of Ethnicity and Race

CSER OC3928	Colonization/Decolonization (Effective beginning Summer 2017; taught in Mexico City)
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Columbia in Amman and Paris: Middle Eastern and North African Studies (MENA) Program

MENA OC4100	Migration, Displacement and Diaspora in the French and North African Context (taught in Paris, effective beginning Summer 2017) (formerly Maghreb-Mashrek: East and West)
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Columbia in Amman and Tunis: Middle Eastern and North African Studies

MENA OC4101	Culture/ History Seminar of the Middle East- North Africa Summer Program in Amman & Tunis (Effective beginning Summer 2019)
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Columbia Global Seminar in Istanbul

Not offered during the Spring 2018 semester

CLGM OC3920	The World Responds to the Greeks: Modernity, Postmodernity, Globality (Effective beginning Spring 2015; taught in Istanbul)
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Columbia in London- Queen Mary University

CLEN OC3500	LONDON IN POSTCOLONIAL FICTION: 'WE ARE HERE BECAUSE YOU WERE THERE' (Effective beginning Fall 2018))
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Latin American and Caribbean Studies (Global Scholars Program)

LARS OC3501	Latin American Cities (Effective beginning Summer 2017)
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Columbia Summer Program in Tunis and Istanbul: Democracy and Constitutional Engineering

Not offered during the Spring 2018 semester

POLS OC3545	Comparative Democratic Processes (Effective beginning Summer 2015; taught in Istanbul)
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Slavic Languages - Office of Global Programs

Not offered during the Spring 2018 semester

CLSL OC4001	The Muslim and the Christian in Balkan Narratives ((Effective beginning Summer 2016; taught in Istanbul))
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Reid Hall in Paris

AHIS OC4652 The Black Voices of Black Model: New Perspectives for the Histories of Art (Effective beginning Summer 2019)

CLEN OC3245 Black Americans and the City of Light: A Seminar (effective Summer 2020)

FILM OC4225 Arab & African Filmmaking (Effective beginning Summer 2019)

FREN OC3330 Paris Noir (same as FREN OC3817-Black Paris- course number effective beginning Summer 2021)

FREN OC3719 VIOLENCE BY AND AGAINST WOMEN (Effective beginning Spring 2019)

FREN OC3817 Black Paris (Effective Spring 2017; taught in Paris)

CLFR OC3821 CITY DIPLOMACY (Effective beginning Spring 2021)

FREN OC3821 "Blackness" in French: from Harlem to Paris and Beyond ((Effective beginning Summer 2018))

WMST OC3550 WOMEN # SOCIETY - SEX-TRADE ECONOMY (Effective Spring 2016, will not be offered Spring 2018; taught in Paris)

FMST GU4325 Waves on New Shores: New Cinema in France, Japan, and Brazil (effective beginning Summer 2022)

SCIENCE REQUIREMENT

General Information:

Academic Affairs
202 Hamilton
212-851-9814
cc-academic@columbia.edu

Science Requirement Website

The objective of the science component of Columbia College's Core Curriculum is identical to that of its humanities and social science counterparts, namely to help students "to understand the civilization of their own day and to participate effectively in it." The science component is intended specifically to provide students with the opportunity to learn what kinds of questions are asked about nature, how hypotheses are tested against experimental or observational evidence, how results of tests are evaluated, and what knowledge has been accumulated about the workings of the natural world.

Three courses bearing at least 3 points each (for a total of at least 10 points) must be completed to meet this portion of the Core Curriculum. All courses used to satisfy the science requirement must be taken for a letter grade.

Students normally take *SCNC CC1000 FRONTIERS OF SCIENCE* in their first year in the term in which they are not taking *ENGL CC1010 UNIVERSITY WRITING*.

For the remainder of the requirement, students may choose any two courses from the list of approved courses below. These courses may be taken in the same department or in different departments. However, at least one course must be taken in the Departments of Astronomy; Biological Sciences; Chemistry; Earth and Environmental Sciences; Ecology, Evolution, and Environmental Biology; Physics; or Psychology.

Students who wish to request an exception to these policies must petition the Committee on Science Instruction (202 Hamilton) **prior** to their final term at the College.

GUIDELINES FOR COURSES APPROVED FOR THE SCIENCE REQUIREMENT

Unless otherwise indicated, students may not use Barnard College courses to fulfill the Columbia College science requirement.

Students should pay careful attention to the prerequisites and instructor approvals required for certain courses. Prerequisite and instructor approval requirements can be found in the course descriptions for each course located in specific departments' sections of this bulletin.

While students are not required to complete a two-term sequence, students may choose to do so. For this reason, the Committee on Science Instruction has indicated recommended sequences below. Unless otherwise noted, the first course in the sequence must be taken before the second course in the sequence.

COURSES DESIGNED FOR NONSCIENCE MAJORS

Astronomy

ASTR UN1234	UNIVERSAL TIMEKEEPER
ASTR UN1403	EARTH, MOON, AND PLANETS
ASTR UN1404	STARS, GALAXIES # COSMOLOGY
ASTR UN1420	Galaxies and Cosmology
ASTR UN1404 - ASTR BC1753	STARS, GALAXIES # COSMOLOGY and LIFE IN THE UNIVERSE
ASTR UN1453	ANOTHER EARTH
ASTR UN1610	THEOR-UNIVERS:BABYLON-BIG BANG
ASTR BC1753	LIFE IN THE UNIVERSE
ASTR BC1754	Stars, Galaxies, and Cosmology
ASTR UN1836	STARS AND ATOMS

Recommended Sequences:

ASTR UN1403 - ASTR UN1404	EARTH, MOON, AND PLANETS and STARS, GALAXIES # COSMOLOGY
ASTR UN1403 - ASTR UN1420	EARTH, MOON, AND PLANETS and Galaxies and Cosmology
ASTR UN1403 - ASTR UN1836	EARTH, MOON, AND PLANETS and STARS AND ATOMS
ASTR BC1753 - ASTR UN1404	LIFE IN THE UNIVERSE and STARS, GALAXIES # COSMOLOGY
ASTR BC1753 - ASTR BC1754	LIFE IN THE UNIVERSE and Stars, Galaxies, and Cosmology
Biology	
BIOL UN1002	Theory and Practice of Science: Biology
BIOL UN1130	GENES AND DEVELOPMENT
Computer Science	
COMS W1001	Introduction to Information Science
COMS W1002	COMPUTING IN CONTEXT
Earth and Environmental Engineering	
EAEE E2100	A BETTER PLANET BY DESIGN
Earth and Environmental Sciences	
EESC UN1001	DINOSAURS AND HISTORY OF LIFE <small>students will only receive credit for one of these courses: 1001, 1004, 1401</small>
EESC UN1003	Climate and Society: Case Studies
EESC S1004	Dinosaurs and the History of Life <small>students will only receive credit for one of these courses: 1001, 1004, 1401</small>
EESC UN1009	GLOBAL WARMING FOR GLOBAL LEADERS
EESC UN1011	Earth: Origin, Evolution, Processes, Future <small>students will only receive credit for one of these courses: 1011, 1411</small>
EESC UN1030	OCEANOGRAPHY
EESC UN1053	Planet Earth
EESC UN1201	Environmental Risks and Disasters
EESC UN1401	DINOSAUR # HISTORY OF LIFE-LEC <small>students will only receive credit for one of these courses: 1001, 1004, 1401</small>
EESC UN1411	Earth: Origin, Evolution, Processes, Future: Lectures <small>students will only receive credit for one of these courses: 1011, 1411</small>
EESC UN1600	EARTH RESOURCES # SUSTAIN DEV
Ecology, Evolution, and Environmental Biology	
EEEB UN1001	Biodiversity

EEEB UN1011	BEHAVIOR BIOL-LIVING PRIMATES
EEEB UN1010	HUMAN ORIGINS # EVOLUTION
EEEB S1115Q	The Life Aquatic
Recommended Sequences:	
EEEB UN1001 - EEBB UN3087	Biodiversity and CONSERVATION BIOLOGY (see Additional Courses Approved for the Sequence Requirement)
EEEB UN1010 - EEBB UN1011	HUMAN ORIGINS # EVOLUTION and BEHAVIOR BIOL-LIVING PRIMATES
Electrical Engineering	
ELEN E1101	THE DIGITAL INFORMATION AGE
Food Studies	
FSEB UN1020	Food and the Body (This course is offered through the Ecology, Evolution, and Environmental Biology Department)
FSPH UN1100	FOOD, PUBLIC HEALTH # PUBLIC POLICY
Mathematics	
MATH UN1003	COLLEGE ALGEBRA-ANLYTC GEOMTRY
PHIL UN3411	SYMBOLIC LOGIC
PHIL GU4424	MODAL LOGIC
Physics	
PHYS UN1001	PHYSICS FOR POETS
PHYS UN1018	WEAPONS OF MASS DESTRUCTION
PHYS UN1111	ORIGINS AND MEANING (Effective beginning Fall 2018)
Psychology	
PSYC UN1001	THE SCIENCE OF PSYCHOLOGY
PSYC UN1010	Mind, Brain and Behavior (Effective Fall 2018, this course will no longer be offered. For students who took this course before Fall 2018, it may be used to partially satisfy the Science Requirement.)
PSYC UN1021	Science of Psychology: Explorations and Applications (Effective beginning Spring 2021)
Science	
SCNC UN1212	Foundations of Science
SCNC UN1800	ENERGY # ENERGY CONSERVATION (This course is offered through the Chemistry Department)
Statistics	

STAT UN1001	INTRO TO STATISTICAL REASONING
STAT UN1010	Statistical Thinking For Data Science (Effective beginning Fall 2020)

ADDITIONAL COURSES APPROVED FOR THE SCIENCE REQUIREMENT

Most of the following courses have required prerequisites and/or require instructor approval. Prerequisite and instructor approval requirements can be found in the course descriptions for each course located in specific departments' sections of the on-line bulletin.

Unless otherwise indicated, students may not use Barnard College courses to fulfill the Columbia College science requirement.

Astronomy

Any 3-point ASTR course numbered 2000 or higher

Biology

Any 3-point BIOL course numbered 2000 or higher

Chemistry

CHEM UN1403	GENERAL CHEMISTRY I-LECTU
CHEM UN1404	GENERAL CHEMISTRY II-LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY
CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB

Any CHEM course numbered 3000 or higher

Computer Science

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
ENGI E1006	INTRO TO COMP FOR ENG/APP SCI (Effective beginning Spring 2017)
COMS W1007	Honors Introduction to Computer Science

Any 3-point COMS course numbered 3000 or higher

Earth and Environmental Sciences

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

Any EESC course numbered 3000 or higher

Ecology, Evolution, and Environmental Biology

EEEB UN2001	ENVIRONMENTAL BIOLOGY I
EEEB UN2002	ENVIRONMENTAL BIOLOGY II
EEEB UN3087	CONSERVATION BIOLOGY
Any EEEB course numbered 3000 or higher except UN3919, GU4321, and GU4700	

History - Applied Math ^{HSAM}

HSAM UN2901	DATA:PAST, PRESENT AND FUTURE (Effective beginning Spring 2018)
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Mathematics

Any 3-point MATH course numbered 1100 or higher

CSPH GU4801	MATH LOGIC:COMPLETENESS RESULT
CSPH GU4802	Math Logic II: Incompleteness

Physics

PHYS UN1201	GENERAL PHYSICS I
PHYS UN1202	GENERAL PHYSICS II
PHYS UN1401	INTRO TO MECHANICS # THERMO
PHYS UN1402	INTRO ELEC/MAGNETISM # OPTCS
PHYS UN1403	INTRO-CLASSCL # QUANTUM WAVES
PHYS UN1601	PHYSICS I:MECHANICS/RELATIVITY
PHYS UN1602	PHYSICS II: THERMO, ELEC # MAG

Any 3-point PHYS course numbered 2000 or higher

Psychology

Any PSYC course in the 2200- or 2400-level may be used to fulfill the science requirement

All 3- and 4-point courses numbered in the 32xx, 34xx, 42xx, and 44xx can partially fulfill the science requirement

With prior departmental approval, some additional courses may also be used to partially fulfill the science requirement

PLEASE NOTE: 2600-level and some other psychology courses, including PSYC BC1001 INTRODUCTION TO PSYCHOLOGY and other Barnard psychology courses, **may not** be used to fulfill the science requirement

Statistics

Any 3-point STAT course except STAT 3997

SPECIAL SUMMER PROGRAM

The following special program fulfills two of the three terms of the science requirement.

Earth Institute Center for Environmental Sustainability EICES

Summer Ecosystem Experiences for Undergraduates (SEE-U). Locations change yearly and there is rolling admissions.

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Please check with EICES for details: <http://eices.columbia.edu/education-training/see-u/>

SUMMER SESSION COURSES

Students who wish to take summer courses may do so through the Summer Session offered by the School of Continuing Education. For policies regarding summer study, see the [Academic Regulations—Summer Study](#) section of this Bulletin. For a list of summer courses approved for the science requirement, students should consult the annually updated [List of Approved Summer Courses](#).

PHYSICAL EDUCATION REQUIREMENT

General Information

Physical Education Department
Dodge Physical Fitness Center
212-854-3439

[Physical Education Website](#)

Successful completion of two physical education courses is required for the degree. All students are also required to pass a swim test or take beginning swimming for one term to fulfill the swim requirement. A waiver of the swim test requirement may be granted if a student has a disability certified by Columbia Health that precludes swimming. Students may also request waivers and accommodations on the grounds of religious observance or gender identity/expression. All requests for waivers and accommodations are reviewed by the director of physical education.

Students may not register for more than one section of physical education each term.

To pass the course, students must fulfill the attendance and participation requirements outlined by each section and available on the physical education website. **Students who are absent more than the permissible number of times are given a mark of W (Withdrawal), unless they complete and file a drop form by the official deadline to drop a course.**

No more than 4 points of physical education courses may be counted toward the degree. One course of the physical education requirement may be a Barnard Physical Education course. Two courses of the physical education requirement may be a Barnard Dance/ Studio Technique course.

A student who intends to participate in an intercollegiate sport should register for the appropriate section of PHED UN1005 INTERCOLLEGIATE ATHLETICS. Intercollegiate athletes who attend regularly receive 1 point of credit up to a maximum of 4. Student athletes who leave the team in mid-term but still wish to receive academic credit must notify the Physical

Education Office and be placed in another physical education course to complete the attendance requirement. Student athletes are also responsible for fulfilling the swim requirement.

ELIGIBILITY FOR INTERCOLLEGIATE ATHLETICS

Any student in the College who is pursuing the undergraduate program or a combined program toward a first degree is eligible for intercollegiate athletics. To be eligible for athletic activities, the student must make appropriate progress toward the degree as defined by the NCAA, the Ivy League, and Columbia University. These criteria are monitored by the Center for Student Advising and certified by the Office of the Registrar.

Questions about athletic eligibility should be referred to the appropriate advising dean or the compliance office in the Department of Intercollegiate Athletics and Physical Education.

For more information, visit www.gocolumbiaions.com.

ACADEMIC REGULATIONS

POINTS OF CREDIT PER TERM

Every Columbia College student must complete 124 points of academic credit to earn the B.A. degree from Columbia College. To complete this number of credits over 8 semesters, students will need to complete an average of 15.5 credits per semester, which typically represents 4 to 5 academic courses (each of 3 or more credits) per term.

A full-time course load is defined as an academic program carrying 12-18 points per semester.

All Columbia College students are required to be full-time students and must therefore be registered for a minimum of 12 points of credit per term.

- Columbia College students are not permitted to enroll as part-time students, and any student who has not registered for at least 12 points of credit by the end of the Change of Program period may be withdrawn from Columbia College.
- Students in their final term who need fewer than 12 points of credit to complete their degree requirements may petition the Committee on Academic Standing to register for fewer than 12 points and should consult with their advising deans in the Berick Center for Student Advising. If they are approved to take fewer than 12 points of credit, they will still be considered full-time students of Columbia College and be responsible for all relevant tuition and fees.
- Students may not enroll in more than 18 points of credit unless they petition the Committee on Points in the Berick Center for Student Advising and receive permission to do so. Students in their first semester at Columbia (i.e., first-year students and new transfer students in their first semester) may not petition to register for more than 18 points.

ATTENDANCE

Attendance in all class meetings, laboratory periods and other required events for a course is a basic expectation of all students enrolled in the course, whether or not attendance is noted as a requirement on a course syllabus.

Instructors may take attendance into account in assessing a student's performance.

In many courses, particularly those with a participation requirement, multiple absences could lead to a failing grade for the course, even before the conclusion of the semester. Students are accountable for absences that result from enrolling in a course after the semester begins. For related information

about attendance, see Columbia University Policies—Religious Holidays.

LENGTH OF CANDIDACY

Students are expected to earn the Bachelor of Arts (B.A.) degree at Columbia College in 8 Fall and Spring semesters.

Students may continue to take required coursework for the B.A. degree past the eighth semester only with permission from the Committee on Academic Standing, after first discussing such requests with their advising deans in the Berick Center for Student Advising. Study beyond the eighth term is granted only for students who have found themselves in emergent circumstances beyond their control which have prevented them from completing the degree in eight terms. Note: study beyond the eighth term is not granted for the purposes of changing or adding a major or concentration.

PROGRESS TOWARD THE DEGREE

At the end of each Fall and Spring semester, the Committee on Academic Standing reviews the records of all students enrolled in Columbia College to determine student standing, and to determine whether students are in good academic standing or whether academic action is warranted—including academic warning, academic probation, suspension and dismissal.

Good Academic Standing

To be considered in good academic standing, students must have achieved the following in each semester:

- Complete a minimum of 12 points of credit of academic coursework;
- Achieve a minimum grade point average of 2.0 (a “C” average);
- Achieve a cumulative grade point average of 2.0 (a “C” average);
- Make expected progress in the required Core Curriculum courses;
- Make expected progress in the coursework toward a declared major or concentration; and
- Make adequate progress in the number of cumulative credits required to be earned in eight semesters (see below).
- Students are expected to complete their degrees in eight semesters. Students who do not make adequate progress toward the degree may be placed on academic probation. Adequate progress toward the degree is defined according to cumulative earned credits, as noted by the number of credits listed in the column of the chart below titled “Threshold for Academic Probation.”:

Semester	Points for typical progress	Threshold for academic probation
1	12	<12
2	31	<24
3	46	<38
4	62	<52
5	77	<70
6	93	<88
7	108	<106
8	124	

Academic Probation

Students may be placed on academic probation for the following reasons:

- completing fewer than the required minimum of 12 points of credit in a term;
- earning a term grade point average or a cumulative grade point average below 2.0;
- failing a Core Curriculum class; or
- failing to complete Literature Humanities, University Writing, or Frontiers of Science in their first year; or failing to complete Contemporary Civilization in their second year.

Students may also be placed on academic probation for failing to make satisfactory progress toward the degree (i.e., taking less than an average of 15.5 points per term).

Students may not appeal the actions of academic warning or academic probation.

The action of academic warning does not remain on a student's record. The action of academic probation remains on a student's record for internal use only. The status of academic probation is not noted on students' transcripts.

Students who are on academic probation are not eligible to study abroad.

Students and parents/guardians are notified when students are placed on academic probation. The advising deans in the [Berick Center for Student Advising](#) provide support to help students who are on academic action return to good standing.

Academic Suspension/Dismissal

Students who fail to improve after being on academic probation, as well as students with extremely poor records during a single term, may be suspended and required to withdraw from Columbia College for at least one year. Conditions for readmission are specified at the time of suspension. If a student is readmitted after having been suspended and again fails to achieve satisfactory grades or to make normal progress toward the degree, the student may be dismissed from the College.

Students are notified by email and express mail of the actions of suspension or dismissal, and they will have a limited time in which to appeal the decision. The decision of the appeals committee is final.

The actions of academic suspension or academic dismissal remain on students' records and are recorded on the students' transcripts. Parents and/or guardians are notified when students are suspended or dismissed for academic reasons.

International students with F-1 or J-1 status are not allowed to remain in the United States while suspended or dismissed from the University. Any international student who is dismissed or suspended should immediately contact the [International Students and Scholars Office \(ISSO\)](#) to discuss available options.

GRADUATION

The B.A. degree is usually awarded three times during the year: in February, May, and October. Under special circumstances, a B.A. degree scheduled to be awarded in May may be awarded in June instead.

There is one University Commencement ceremony in May (see [Academic Calendar](#)).

Application or Renewal of Application for the Degree

The Application for the Degree is available on the Registrar's website. Students may complete the [degree application form](#) electronically and submit it to diplomas@columbia.edu. Alternative instructions for submitting the application for the degree are on the form itself.

General deadlines for applying for graduation are September 1 for October degrees; November 1 for February degrees; and December 1 for May degrees. When a deadline falls on a weekend or holiday, the deadline moves to the next business day. Students who fail to earn the degree by the conferral date for which they applied must file another application for a later conferral date.

Diplomas

There is no charge for the preparation and conferral of an original diploma. Students' names will be printed exactly as they appear on their transcript. Students are advised to check their transcript, and if errors are found, they may email the Office of the University Registrar at registrar@columbia.edu.

If students wish to change their name, they must submit the [Name Change Affidavit](#). The affidavit must be notarized and filed by the application deadline.

If a graduate's Columbia diploma is lost or damaged, there will be a charge of \$100 for a replacement diploma. Note that replacement diplomas carry the signatures of current University

officials. Applications for replacement diplomas are available through the [Office of the University Registrar](#).

Additional Information:

- [Application for Degree or Certificate — University Registrar](#)
- [Graduation and Diplomas — University Registrar](#)
- [Commencement Week](#)
- [GradZone](#)

REGULATIONS FOR TRANSFER STUDENTS

Regulations on Transfer Credit

In order to receive the Columbia College degree, transfer students must complete a minimum of 60 points while enrolled in the College (which can include credits earned on Columbia-sponsored study abroad programs). Transfer students may apply a maximum of 64 points taken elsewhere toward advanced standing at the College. Credit granted on the basis of Advanced Placement, International Baccalaureate and other standardized examinations is counted toward the 64-point maximum, as are credits earned at Columbia in the summer prior to matriculation and on study-abroad programs outside of Columbia. Credit is not granted for college courses taken while in high school.

Transfer Credit Toward the Degree and Core/Major Requirements

Class standing for students transferring to Columbia College is determined prior to matriculation and is based on the number of terms and credits completed at the home institution. Twelve credits is the equivalent of one full-time term. A transfer student's class standing will remain in place for the duration of the student's time in Columbia College, regardless of future credits earned. Once they have matriculated, transfer students may be assigned additional advanced standing like Advanced Placement, International Baccalaureate and other standardized examination credit, but their class status will remain the same. This policy remains in place even when students are eligible to graduate in less than eight terms.

Transfer students receive credit for non-Columbia courses that are substantially similar to Columbia College courses only when the grades received are C- or better. Once a transfer student is admitted, a credit review is conducted by the [Berick Center for Student Advising](#) and a tentative credit evaluation is sent to the student. A final credit evaluation is conducted once the student has matriculated at Columbia College and has submitted a final official transcript for coursework taken elsewhere. Course descriptions and syllabi may be requested by Columbia College in order for certain courses to be considered for transfer credit and/or for certain courses to be considered for

exemption to Columbia College requirements. Transfer students should consult with their advising deans in the [Berick Center for Student Advising](#), where all appropriate approvals will be coordinated with the relevant academic departments.

Degree Completion

Transfer students are expected to complete the requirements for the B.A. degree in eight undergraduate Fall and Spring semesters, inclusive of terms completed at other colleges or universities before entering Columbia. Transfer students cannot petition for extended time to complete the degree.

Some majors may be difficult for transfer students to complete due to the number of credits required, the specific course sequencing, and the number of terms remaining for transfer students to complete all Core and major requirements. There is no guarantee that a transfer student can complete every major and concentration offered, and all transfer students must declare a major or concentration that they are capable of completing in the time available to them while at Columbia College.

Study beyond the eighth term is not granted for the purposes of changing or adding a major or concentration. Therefore, transfer students should be especially careful when planning their academic schedules and are strongly urged to do so with the guidance of their advising deans in the [Berick Center for Student Advising](#) and the relevant departmental [Directors of Undergraduate Studies](#).

EXAMINATIONS

Midterm Examinations

Midterm examinations are given during the course of each term, and can occur anytime between the beginning and the end of the term. Midterm examinations are scheduled by each instructor, based on the pedagogical structure of a course. Therefore, while many midterm exams may be scheduled around the mid-point of a term (e.g., late October or mid-March), midterm exams may also fall earlier or later in the term, and a course may require multiple exams during the course of the semester. Students should consult the syllabus of each course in which they are registered for the schedule of required midterm exams.

Final Examinations

Final examinations are given at the end of each term. The Projected University Examination Schedule provides a tentative guide to final examinations and is available [online](#).

The definitive schedule of final examinations is usually available in early to mid-November for the fall term and early to mid-April for the spring term. Exams are scheduled according to a University-wide [Final Exam Schedule](#) available shortly after midterms. Prior to its availability, students and faculty should consult the [Projected Exam Schedule](#). Students

may access their individual exam schedule in SSOL by clicking on "Schedule," then "My Exam Schedule."

Students who have trouble locating a class on either list should contact the instructor to make sure the class has an exam.

Rescheduling Final Exams

• Instructor Final Exam Conflicts

Under certain rare circumstances, it may be necessary for an instructor to reschedule a final exam. Any change to the day or time assigned by the Master University Examination Schedule must be agreed upon by the instructor and the students enrolled in the class. All students unable to take the exam at the new agreed-upon time must be given a make-up exam at a time that they are able to attend.

• Student Final Exam Conflicts

Students may request a change of schedule for a final exam under either of the following two circumstances:

1. if a student is enrolled in two or more classes whose final exams are scheduled by the Master University Examination Schedule to be held at the same time;
2. if a student has three exams scheduled on any given calendar day (*i.e.*, between 9:00 a.m. and 10:00 p.m. on the same calendar date).

Students in either circumstance should meet with their advising deans in the Berick Center for Student Advising *as soon as possible after the final exam schedule is published* in order to initiate the process for arranging a make-up exam.

Examinations will not be rescheduled in order to accommodate students' travel plans. Students should not make travel plans for holidays or breaks until they are certain that they will be present for all required exams.

Failure to Complete a Final Exam

If a student does not take a final exam, or begins but does not complete a final exam, a grade of zero or F may be factored for that portion of the final grade. Make-up examinations are not guaranteed for any student who does not take or does not finish a final exam.

Incompletes

Students facing medical, personal, or family emergencies at the time of a final exam or at the due date of a final paper or project may petition the Committee on Academic Standing for permission to complete the final exam, paper, or project at a later date. Students will receive a temporary mark of IN (Incomplete) until the work is completed. For more information, see the [Grades](#) section of this Bulletin.

GRADES

Columbia College uses the following system of grading:

- A = excellent
- B = good
- C = fair
- D = poor but passing
- F = failure (a final grade, not subject to reexamination).

The grades of A, B, and C may be modified by a plus or minus.

A notation of Pass (P) is awarded when students receive a C- or higher in a course which they have elected to take on a Pass/D/Fail basis, or when they have passed a course that is offered only on a Pass/Fail basis.

The Committee on Instruction of Columbia College has instructed the Registrar to calculate a cumulative grade point average for external purposes, such as official transcripts. The Registrar also calculates term and cumulative grade point averages for internal purposes, such as determining eligibility for the Dean's List.

When the Registrar computes a student's Columbia College grade point average, only grades earned while enrolled in Columbia College in the Fall and Spring terms (including Columbia-owned study abroad programs) and in Columbia-owned summer programs (including the Columbia School of Professional Studies Summer Sessions and Columbia-owned summer study abroad programs) are counted. Courses are weighted according to the number of credits.

The following scale is used:

Grade	GPA Equivalent
A+	4.33
A	4.0
A-	3.67
B+	3.33
B	3.0
B-	2.67
C+	2.33
C	2.0
C-	1.67
D	1.0
F	0

The Pass/D/Fail Option

The purposes of the Pass/D/Fail option are to encourage students to take courses of interest to them outside of their field of specialization and to permit those who have not decided upon a major to test their talents in a particular field that may be of interest. Students make the election of the Pass/D/Fail option directly in the Registrar's online system; course instructors are not informed if a student in their class elects to use the Pass/D/

Fail option. Students who wish to utilize the Pass/D/Fail option can do so in [Student Services Online \(SSOL\)](#).

In order to encourage students to engage more fully in the courses they elect to take for a grade of Pass/D/Fail, students are allowed to uncover a grade of Pass in [SSOL](#) until the end of the Change of Program period of the following semester. Students have until the end of the Change of Program period in the Spring semester to uncover the grade of a course taken in the previous Fall term, and until the end of the change of program period in the Fall semester to uncover the grade of a course taken in the previous Spring or Summer term. Seniors who graduate in May have until June 1 to uncover the grade of a course taken in their final Spring semester. Students who wish to uncover a grade of Pass can do so in [Student Services Online \(SSOL\)](#).

The grade of Pass is not included in the calculation of grade point averages; the grades of D and Fail are included in the calculation of grade point averages.

The Pass/D/Fail option cannot be utilized for courses taken in fulfillment of the Core Curriculum or, for the most part, for courses taken in fulfillment of a major or a concentration.

The Grade of D

As noted above, the grade of D is considered “poor but passing.” Therefore, no more than six points of credit earned with the grade of D may be credited toward the degree in any academic year (the academic year being inclusive of the Fall, Spring, and Summer terms), and no more than a cumulative total of 12 points of credit earned with the grade of D may be credited toward the 124 credits required for the degree credit. These credits will be given only for courses taken at Columbia; transfer credit will not be awarded for courses taken elsewhere with a grade of D. The decision as to whether or not a D may be used to satisfy the requirements for a major or concentration is made in each relevant academic department.

In any given semester, the grade of D precludes the attainment of Dean’s List status (see *Academic Honors, Prizes, and Fellowships—Dean’s List*).

The Mark of W (Withdrawal)

Students may drop a course from their academic programs by the fifth week of the semester, as long as they keep a program that carries a minimum of 12 points of credit. If a course is dropped under these circumstances, it will be removed from the student’s transcript.

After the fifth week of the term and until the tenth week of the term, if a student has a compelling reason to stop taking a course, the student can withdraw from the course. If a student withdraws from a course, the transcript will show a mark of W, indicating official withdrawal from that course after the drop deadline. This notation is permanent and will remain on the transcript even if the student repeats the course. No points of

academic credit are earned for classes in which they receive the mark of W.

In any given semester, the mark of W precludes the attainment of Dean’s List status (see *Academic Honors, Prizes, and Fellowships—Dean’s List*).

When considering the option to withdraw from a course, students should be aware that, in order to remain in good academic standing, they must successfully complete no fewer than 12 points in a given term. Students who do not earn at least 12 points per term will face academic action, such as academic probation, suspension, or dismissal. Students who do not make adequate progress toward the degree (an average of 15.5 points per term) may also face academic probation, suspension, or dismissal.

To withdraw from a class, students must first meet with their advising deans in the [Berick Center for Student Advising](#), 403 Lerner, to discuss their plans and then submit a Columbia College Acknowledgement of Course Withdrawal form to their advising deans. A withdrawal will be official only after these steps are taken; failure to attend classes does not constitute dropping or withdrawing from a course, nor does a student’s communication to the instructor of intent to withdraw. Students who stop attending classes without dropping or officially withdrawing are assigned the letter grade earned by factoring a zero or F for any missing work.

The Mark of AR (Administrative Referral)

The AR is a temporary notation for the transcript when an instructor needs additional time and/or additional consultation in order to determine a student’s final grade for a course. The submission of an AR grade will alert the appropriate advising dean in the [Berick Center for Student Advising](#), who will consult with the instructor to help determine what final grade is appropriate. The course instructor has ultimate authority over the final grade awarded.

The AR notation is also used while a student applies for an Incomplete. If the Incomplete is approved, the instructor will submit a mark of AR for the student.

The Mark of IN (Incomplete)

The IN is a temporary notation for the transcript approved by the Committee on Academic Standing for students who, due to serious extenuating circumstances, cannot complete their coursework or are unable to take a final examination by the end of the term. An IN is typically granted only in cases of severe illness (as certified by a healthcare practitioner or by Columbia Health) or extreme personal or family emergencies.

Students will be granted an IN only by first speaking with their advising deans and then filing a petition with the Committee on Academic Standing. Petition forms are available in the [Berick Center for Student Advising](#). For classes that require a final paper or project, petitions must be submitted no later than the last day of classes. For classes that require a final examination,

petitions must be submitted no later than the day before the exam.

To be granted an IN, students should have completed all work for the relevant class with the exception of the final paper, project or exam. If a student has additional uncompleted work in the class in addition to the final paper, project, or exam, an IN may not be granted.

Students may not arrange unofficial incompletes or extended deadlines simply through consultation with their instructors; any incomplete must be officially approved by the Committee on Academic Standing. If an instructor is willing to entertain an incomplete, pending approval by the Committee on Academic Standing, the instructor should submit an AR, along with a contingency grade that represents the grade that the student should be given at the time of submission--i.e., the grade that would be earned based solely on work completed at the time of submission, assuming no further work were to be completed during the period allotted by the incomplete.

Students who are granted an IN are assigned a deadline for completion of the incomplete paper or project or a date by which a deferred examination must be taken. Those who fail to meet the assigned deadline or who miss the deferred examination will receive the contingency grade indicated by the instructor. All other marks of IN that remain unresolved by the end of one calendar year will be converted to the contingency grade. Questions about incompletes may be directed to the advising deans in the [Berick Center for Student Advising](#).

Students who receive the grade of IN, *approved in advance* by the Committee on Academic Standing, may be considered for Dean's List only after all IN grades are changed to letter grades (see *Academic Honors, Prizes, and Fellowships—Dean's List*).

The Mark of R (Registration Credit)

An R indicates regular attendance and participation in a course without the submission of work for evaluation (*i.e.*, auditing a course). The R credit option is available only to Columbia College seniors.

Students who take a course for R credit must have the permission of both the instructor and the Committee on Academic Standing in the [Berick Center for Student Advising](#). No point credit is given for R credit, and an R has no role in the calculation of a student's GPA. The deadline for registering for R credit is the same deadline to elect the Pass/D/Fail option for a class, as specified on the [Academic Calendar](#) in this Bulletin.

Registering for R credit is allowed only when:

1. the courses are taken in the last two terms of the student's attendance in Columbia College;
2. the courses are not used to fulfill a requirement for the B.A. degree;

3. the credit for courses for R credit will be in excess of the 124 points required for the B.A. degree; and
4. the student has the permission of the Committee on Academic Standing and the instructor.

Students may be required to complete certain work for R credit as specified by that instructor. The exact nature of the work should be determined by the instructor when the student petitions for an R for the course. An instructor may fail a student who has not completed the assigned work.

The Mark of YC (Year Course)

The YC is a notation given at the end of the first term of a year-long course in which the full year's work must be completed before a qualitative grade can be assigned. The YC notation for the first term must be approved by the Berick Center for Student Advising, so the instructor will submit a notation of "AR[YC]", which will be converted to a YC upon request by the instructor.

The final grade given at the end of the second term of the year-long course is the grade for the entire course; therefore, when the final grade is assigned at the end of the second term, the YC for the first term of the course will be replaced by the same grade. In any given semester, the mark of YC precludes the attainment of Dean's List status until the grade for the entire year's coursework is awarded (see *Academic Honors, Prizes, and Fellowships—Dean's List*).

Report of Grades

Grades are available to view on [Student Services Online \(SSOL\)](#) on the first business day after they are submitted by the instructor. Paper and electronic transcripts may be ordered via SSOL. Students who find discrepancies in, or have questions about their records should contact their academic advisor.

ADVANCED STANDING IN LANGUAGE STUDY

Students who wish to begin language studies at a level above "Elementary I" (or its equivalent) should plan to take a placement exam in the relevant Columbia language program. Most placement exams take place during the New Student Orientation Program (NSOP), and exact times and dates of exams will be provided to students shortly before NSOP begins. Returning students who wish to take a placement exam but who are not participating in NSOP should contact the relevant Columbia departments before the beginning of each term to inquire about other placement exam options.

First-year students may also be placed into upper levels of certain language programs of study on the basis of scores on SAT II: Subject Tests or Advanced Placement examinations. Students with scores on these exams should consult their advising dean in the [Berick Center for Student Advising](#) and should ensure that the scores have been sent through official channels to Columbia College.

ADVANCED STANDING

The College grants credit for up to one semester (16 points) of college-level work completed before matriculation at Columbia College. This work may be done under the College Board Advanced Placement (AP) Program, GCE Advanced Level Examinations, International Baccalaureate Examination, or other national systems.

Advanced credit is awarded *upon completion* of the first year at Columbia, and is determined in accordance with College and departmental policies. Students wishing to arrange such credit must meet with their advising dean in the [Berick Center for Student Advising](#) and provide the relevant transcript/certificate.

Entering first-year students are not granted credit for courses taken at other colleges or universities *before* their graduation from secondary school. Students may receive a maximum of 6 points of credit for college courses taken *after* graduation from secondary school and prior to matriculation at Columbia. In order to receive this credit, students must submit an official university or college transcript and the syllabus for each relevant course taken elsewhere to their advising deans in the [Berick Center for Student Advising](#). Final determination will be made by the dean of advising.

Students who wish to receive advanced credit in any academic subject (including advanced placement in, or exemption from, the language requirement) may not take courses at Columbia that cover similar or more basic material than the advanced work already completed. Nor may students receive credit for two exams that cover the same material (e.g., Calculus AP and Mathematics GCE Advanced Level Exam). In some cases, advanced credit is awarded only when students successfully complete a higher-level course in the same field of study.

For information about advanced standing for transfer students, see [Academic Regulations—Regulations for Transfer Students](#).

ADVANCED PLACEMENT (AP) EXAMINATIONS

Students can earn a maximum of 16 points of credit earned through college-level coursework taken as part of a Advanced Placement high school curriculum prior to matriculation at Columbia.

Individual departments regularly review the College Board AP curriculum and determine appropriate placements, credit, and/or exemptions.

Students entering in the 2022–2023 academic year may be awarded AP credit for the following subjects and should refer to the relevant department sections in this Bulletin for specific information on credit granted, placement, and exemptions:

Subject	Department
Biology	Biological Sciences
Chemistry	Chemistry

Computer Science	Computer Science
Economics	Economics
English	English and Comparative Literature
French	French and Romance Philology
German	German Languages
Government and Politics	Political Science
History	History
Italian	Italian
Latin	Classics
Mathematics	Mathematics
Physics	Physics
Psychology	Psychology
Spanish	Latin American and Iberian Cultures
Statistics	Statistics

College Board Advanced Placement (AP) scores cannot be used toward exemption from any of the shared Core Curriculum courses, the Global Core Requirement, or the Science Requirement.

AP scores may be used toward satisfying the Foreign Language Requirement, according to the rules of the appropriate language department (see [The Core Curriculum—Foreign Language Requirement](#)). Students who wish to receive advanced credit or exemption for the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work already completed. For further information, students should consult with their advising dean in the [Berick Center for Student Advising](#).

International Baccalaureate

Students can earn a maximum of 16 points of credit earned through college-level coursework taken as part of an International Baccalaureate (IB) high school curriculum prior to matriculation at Columbia.

Entering students are granted six points of credit for each score of six or seven in IB Higher Level examinations, if taken in disciplines offered as undergraduate programs at Columbia College.

IB scores cannot be used toward exemption from any of the shared Core Curriculum courses, the Global Core Requirement, or the Science Requirement.

IB scores may be used toward satisfying the Foreign Language Requirement according to the rules of the appropriate language department (see [The Core Curriculum—Foreign Language Requirement](#)). Students who wish to receive advanced credit or exemption for the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work already completed. This restriction applies to

language credit based on AP, IB, A-levels and other advanced placement exams recognized by Columbia College.

For further information, students should consult with their advising dean in the [Berick Center for Student Advising](#).

BRITISH ADVANCED LEVEL EXAMINATIONS

Students can earn a maximum of 16 points of credit earned through college-level coursework taken as part of a British Advanced Level (A-Levels) high school curriculum prior to matriculation at Columbia.

Entering students are granted six points of credit for each grade of A or B on A-Levels examinations, if taken in disciplines offered as undergraduate programs at Columbia College.

A-Levels scores cannot be used toward exemption from any of the shared Core Curriculum courses, the Global Core Requirement, or the Science Requirement.

A-Levels scores may be used toward satisfying the Foreign Language Requirement, according to the rules of the appropriate language department (see [The Core Curriculum—Foreign Language Requirement](#)). Students who wish to receive advanced credit or exemption for the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work already completed. This restriction applies to language credit based on AP, IB, A-levels and other advanced placement exams recognized by Columbia College.

For further information, students should consult with their advising dean in the [Berick Center for Student Advising](#).

OTHER NATIONAL SYSTEMS

Students can earn a maximum of 16 points of credit earned through college-level coursework taken as part of a high school curriculum prior to matriculation at Columbia.

Pending review by the appropriate academic department at Columbia, students who complete secondary school work in other national systems may be granted credit in certain disciplines for sufficiently high scores. For further information, students should consult with their advising deans in the [Berick Center for Student Advising](#).

COURSES TAKEN IN OTHER COLUMBIA UNDERGRADUATE SCHOOLS

Columbia College students may take any course for credit listed in this Bulletin or in the course catalogues of Barnard College and the School of General Studies without any special approval for enrollment, unless so indicated in the descriptions of the relevant course, department and/or program.

Columbia College students may take a maximum of four courses for credit toward the Columbia College Bachelor of Arts degree that are offered by the Fu Foundation School of Engineering and Applied Science, on a space-available basis. This four-course limit does not apply to courses offered by the Computer Science Department, nor does it apply to students in the [3-2 Combined Plan program](#).

COURSES TAKEN IN THE GRADUATE SCHOOL OF ARTS AND SCIENCES

Columbia College students may take courses offered by the Graduate School of Arts and Sciences if they receive the permission of the instructor of the course, as well as the director of undergraduate studies in the department in which the course is taught, in order to ensure the student's preparation for the course. Students will typically be required to have previous coursework in the field or topic of the courses.

If students enrolled in graduate-level courses wish to use the courses to fulfill requirements for a major or concentration, they must receive permission from the director of undergraduate studies in the department of their major or concentration.

COURSES TAKEN IN OTHER DIVISIONS OF THE UNIVERSITY

Columbia College students may take a maximum of four courses for credit toward the Columbia College Bachelor of Arts degree in the professional schools at Columbia University listed below, with the requisite permissions. These courses will count as elective credit toward the 124 points necessary for the B.A. degree.

Columbia College students may also take courses in the professional schools at Columbia University listed below for credit that goes beyond the 124 points necessary for the B.A. degree, if they receive permission to do so from their advising deans from the [Berick Center for Student Advising](#).

Columbia College students enrolled in courses in these professional schools must follow the policies established by those schools; they must have the permission of the instructor of the course to enroll; and, in some instances, they must have the permission of the school in which the course is offered to enroll officially in the course.

Following is a list of schools and programs that allow undergraduates to register for courses, with their policies regarding the enrollment of Columbia College students. Students who wish to take a course in a Columbia school not listed below should first consult with their advising deans in the [Berick Center for Student Advising](#).

Columbia University Graduate School of Architecture, Planning and Preservation

Qualified Columbia College students may enroll in seminars and lectures offered by the Graduate School of Architecture,

Planning and Preservation (GSAPP) on a space-available basis. Columbia College students are not permitted to enroll in any studio courses in GSAPP. See: <https://www.arch.columbia.edu/cross-registration>.

Columbia University School of the Arts

Qualified Columbia College students may enroll in graduate courses offered by the School of the Arts on a space-available basis.

Columbia Business School

The Business School offers courses that are designed specifically for undergraduates, which are listed in the section of this Bulletin titled *Departments, Programs, and Courses—Business*.

Columbia College seniors may be able to take other courses offered by the Business School on a space-available basis if they have completed the required prerequisites. These courses do not count towards the limit of four professional school courses that can be taken for credit towards the Columbia College degree.

For these courses, students must follow the cross-registration guidelines of the Business School. Note that registration deadlines for these classes are often earlier than the College registration and Change of Program deadlines.

Columbia University School of International and Public Affairs

The School of International and Public Affairs (SIPA) offers open enrollment courses to all Columbia students on a space-available basis. Students interested in registering for a SIPA Open Enrollment Course at the 6000-level or above must receive instructor permission and then should complete and submit, along with documentation indicating instructor permission, a SIPA registration request form to the SIPA Registration office on the 6th floor of the International Affairs Building. If the class is not full, approval may be granted.

Columbia University School of Journalism

Columbia College students may enroll in certain courses offered by the School of Journalism on a space-available basis. Students must have signed permission from the School of Journalism's Office of the Associate Dean for Faculty and Academic Affairs, Pulitzer Hall.

Columbia Law School

In general, Columbia College students are not permitted to enroll in courses offered through the Law School. Exceptions to this policy may be granted under the following circumstances:

1. Law School courses may be taken by students in the Accelerated Interdisciplinary Legal Education (AILE) program. Students must have signed permission from the

Law School Office of the Assistant Dean of Academic Services, 500 William and June Warren Hall.

2. Faculty in the Law School sometimes open a small number of spaces in their seminars to Columbia College seniors, to be selected through an application process. Such opportunities will be shared with students if they become available.

Columbia University School of Professional Studies

Columbia College students are not permitted to enroll during the academic year—*i.e.*, Fall and Spring terms—in courses offered through the School of Professional Studies, unless those courses have been approved by the Committee on Instruction for specific degree programs (*e.g.*, the major in Sustainable Development, in which case the specific courses are noted on the program's website).

The School of Professional Studies (SPS) is responsible for the Summer Session at Columbia University. For information on taking courses at Columbia during the summer, please see the Summer Study section. Note that not all summer courses offered by SPS in Summer Session will count towards the 124 credits required for the B.A. Students interested in summer courses offered by the SPS should consult with their advising deans in the Berick Center for Student Advising before completing their enrollment.

Columbia Mailman School of Public Health

The Mailman School of Public Health offers courses designed for undergraduates through the Special Concentration in Public Health, which are listed in the section of this Bulletin titled Departments, Programs, and Courses—Public Health.

Qualified Columbia College students may enroll in other courses offered by the Mailman School of Public Health on a space-available basis with the permission of the relevant Mailman department. Students must complete the Public Health Cross Registration Application Form and receive signed permission from the department, as well as from the School of Public Health's Office of Student Affairs, 722 West 168 Street, Suite 1014. Once School of Public Health permissions are secured, students must also receive signed permission from the Berick Center for Student Advising, 403 Lerner, before proceeding to register for the course at the Registrar's Office, 205 Kent.

Columbia University School of Social Work

Columbia College students may enroll in courses offered by the School of Social Work on a space-available basis.

Teachers College, Columbia University

In general, Columbia College students may not enroll in courses offered by Teachers College. Exceptions to this policy may be granted under the following circumstances:

1. In rare instances, a student's faculty adviser may deem a course offered by Teachers College as essential to the student's undergraduate major or concentration. Students with such permission from their faculty adviser should submit a [petition](#) to Academic Affairs, 202 Hamilton.
2. In certain instances, instrumental music instruction in a particular instrument may be available at Teachers College and not through the Music Department. If students are accepted into the music instruction program at Teachers College, they will be charged per credit for the course over and above their Columbia tuition. Students should submit a [petition](#) to Andrew Plaa, Dean of Advising in the [Berick Center for Student Advising](#), 403 Lerner.

SUMMER STUDY

Columbia Summer

The Columbia University School of Professional Studies (SPS) is responsible for [Columbia Summer](#), and students who enroll in summer courses offered by SPS are subject to the policies and procedures of SPS, which may differ from the policies and procedures that govern their undergraduate coursework in the College in the Fall and Spring semesters. Columbia College students interested in summer coursework should consult their advising dean in the [Berick Center for Student Advising](#) for information on the different policies and procedures governing [Columbia Summer](#).

Not all courses offered in the Summer Session are accepted by Columbia College for credit. Students should also consult the annually updated [List of Approved Summer Courses](#).

Normally, Columbia College students may earn credit toward the B.A. through summer coursework only for courses taken in the Columbia Summer. Columbia College students may enroll in a maximum of 8 points of credit in any Columbia Summer session (or in overlapping sessions), and may earn a maximum of 16 credits in any Columbia Summer term.

Columbia College students enrolled in coursework in [Columbia Summer](#) may utilize the Pass/D/Fail option only under the following circumstances:

- Columbia College students may utilize the Pass/D/Fail option a maximum of twice during a year that spans Fall, Spring, and Summer. Students have the opportunity to use the Pass/D/Fail option one time during the Fall semester and one time during the Spring semester.
- Students who have not utilized one or both of these Pass/D/Fail option(s) in the previous academic year may elect, in the summer immediately following, to take one course in a Summer session on a Pass/D/Fail basis.
- For additional information on and restrictions governing Pass/D/Fail credit, see the [Academic Regulations—Exams and Grades](#) section of this Bulletin.

Students who wish for summer coursework to count toward their major or concentration should receive permission from the director of undergraduate studies of their major department.

Summer Study Outside Columbia University

In general, Columbia College students may not take courses toward the B.A. degree during the summer at another college or university outside Columbia University except in the case of approved study abroad programs.

In some circumstances, permission may be granted to students to take courses in the summer toward the B.A. during the summer at another college or university. Those circumstances include the following:

- A student has fallen behind in credits and wishes to catch up on coursework in order to make adequate progress toward the degree in the expected 8 semesters.
- A student wishes to take a course that is a prerequisite for a course that should be taken in the following fall for the student's major or concentration.
- A student wishes to take a language course toward the Foreign Language requirement. Students should note that introductory and intermediate language courses are only approved pending the successful completion of the departmental placement test into the next higher level language course. Students are responsible for arranging departmental testing upon return to campus in the Fall. If students do not place into the next level of the language course, credit will not be granted. Students who elect to discontinue study of the language or do not take the relevant departmental placement test will not be granted credit for the summer courses taken.

Students who wish to take summer coursework in one of the above categories should discuss their study plans with their advising dean in the [Berick Center for Student Advising](#). Students should then go through the following steps for approval for summer coursework taken elsewhere:

1. Obtain a copy of Columbia College's Pre-Approval for a Course Taken at Another U.S. Institution form, available in the [Berick Center for Student Advising](#), 403 Lerner.
2. Carefully read the following procedures to apply for such credit.
3. Complete the approval request form, outlining their reasons for taking summer courses and listing the specific courses in which they wish to enroll.
4. Submit the completed approval request form to the advising dean.

Once submitted to students' advising deans in the [Berick Center for Student Advising](#), the Committee on Academic Standing reviews requests for approval. Students should secure pre-approval prior to enrolling in courses at other institutions, to

avoid the loss of time and expense of enrolling in a course that is ultimately not approved.

Students may not receive credits for study abroad during the summer except in Columbia-sponsored programs or approved foreign-language, archaeology, and field-studies programs. Students seeking summer study abroad credits must receive permission from the [Center for Undergraduate Global Engagement](#), 606 Kent.

Students applying for summer school credit for courses that they wish to use in partial fulfillment of the science or Global Core requirements must submit the relevant course approval petition to their advising dean in the [Berick Center for Student Advising](#) for approval by the appropriate faculty committee, prior to taking the course. Note that students can only petition to have non-Columbia study abroad courses count towards fulfilling the Global Core requirement. Approval to receive College credit for summer school courses does not ensure approval of the course to fulfill one of these requirements.

STUDY OUTSIDE COLUMBIA UNIVERSITY IN THE ACADEMIC YEAR

In general, Columbia College students may not take courses for credit toward the B.A. degree at another college or university during the academic year (i.e., Fall and/or Spring). Permission to study at another school for a term or a year is granted only for study at institutions outside of the United States, as part of an [approved study abroad program](#), or for study through one of the established [domestic study-away programs](#). Exceptions may be granted for study during the summer. See the [Summer Study](#) section for more information.

Students who matriculate into degree programs at other institutions will not be eligible to continue study at Columbia. Columbia College students who matriculate at another post-secondary institution and/or are considered a degree-seeking student at a college or university other than Columbia College will be withdrawn from Columbia with no opportunity to return and complete the Columbia College degree.

LEAVES OF ABSENCE AND WITHDRAWALS FROM COLUMBIA COLLEGE

Students can request a leave of absence prior to the start of a term or during the term. When a student takes a leave of absence during a term, this action is also considered a withdrawal, defined as the dropping of one's entire academic program in a given term after the first day of classes of the term and, as a result, withdrawing from Columbia College.

Withdrawing from Columbia College after the start of the semester can have implications for financial aid, and students are strongly advised to talk with their advising deans and with the Office of Financial Aid about any financial consequences

of a necessary withdrawal. Any student withdrawing from Columbia College **must** notify the [Berick Center for Student Advising](#) in writing; it is not sufficient for a withdrawal to notify instructors of plans to withdraw or to stop attending classes. Absence from classes without officially withdrawing from Columbia College can result in failing grades in all courses.

VOLUNTARY MEDICAL LEAVE OF ABSENCE

A medical leave is granted to a student whose health condition interferes with successful full-time study. A leave can be granted for a minimum of one term and a maximum of two years.

Unless a student is granted an exception due to extenuating circumstances, a student will be permanently withdrawn after the maximum time period of two years.

Students must consult with their advising deans in the [Berick Center for Student Advising](#) to initiate a leave, and then provide medical documentation to support the request. Medical leaves must be accompanied by an individualized assessment of students' individual healthcare needs.

While on leave, students must be actively engaged in a course of medical treatment that leads to recovery. In addition, students are required to continue to access their Columbia email, which is the official means of communication by the University.

When applying for readmission to Columbia College, students must provide medical documentation supporting their readmission. Normally, students may only return in the Fall or Spring term. Only in rare circumstances will students be readmitted from medical leave to enroll in courses for the Columbia Summer Session.

All questions about medical leaves should be addressed to the students' advising deans in the [Berick Center for Student Advising](#).

Academic Standing and Transcript Notations

Students who take a leave while in good academic standing will return in good academic standing; students who take a leave while on academic action will return on academic action. When a leave begins when a term is already in session, the student's transcript will reflect the action of withdrawal and the date of withdrawal for the semester in question. If the date of withdrawal for a medical leave is on or before the Columbia College withdrawal deadline (noted on the academic calendar), the student's transcript will not reflect the individual courses attempted during the term. If the date of withdrawal for a leave begins after the Columbia College withdrawal deadline, individual courses will remain on the transcript.

Ordinarily, Columbia College students who are authorized to withdraw for medical reasons after the withdrawal deadline

will receive a mark of W for each of their courses for the term. These notations indicate an authorized withdrawal from the courses. In rare cases, when a student must leave for medical reasons beyond the relevant deadline, a student and advising dean in the [Berick Center for Student Advising](#) can work together with the faculty to determine whether an Incomplete would be a more appropriate notation on the transcript. In order to be eligible for an Incomplete, the student must have completed all work for the course except the final paper, exam, or project. The student must also obtain the approval of the relevant advising dean(s) in the [Berick Center for Student Advising](#) as well as the appropriate faculty member(s). Students should consult with their advising deans in the [Berick Center for Student Advising](#) for more details.

Students who have been approved for authorized Incompletes in the last semester before their medical leave must complete the work of each course upon their return to campus by the end of the Change of Program period. If the work is not completed by the end of the Change of Program period of the term in which the student returns, the grade may convert to the contingency grade or to an F. Due dates for incomplete work should be determined in consultation with the advising dean in the [Berick Center for Student Advising](#) upon notification of readmission.

When students begin a leave after the Columbia College withdrawal deadline, they should be aware of the overall number of credits that must be completed to remain in good academic standing in future semesters. Students should keep in mind that Columbia College students should complete an average of 15.5 points per term to remain in good academic standing. Students should consult with their advising deans in the [Berick Center for Student Advising](#) to learn whether or not they will fall below the low points threshold (see section on Academic Standing) established for Columbia College students and, if so, work with their advising deans and departments to create a reasonable academic plan to ensure the timely completion of their degree.

Students are not permitted to earn transferable credits toward the degree while on medical leave from the University, as the purpose of the leave is to regain full health in order to return and resume full-time study. In some cases, healthcare practitioners may recommend that students take courses at home institutions as part of the recovery process. It is recommended that students follow the advice of their healthcare practitioners; however, they should make their decisions knowing that coursework taken elsewhere while on medical leave may not be transferred back to Columbia to count towards their degree.

If a student matriculates at another institution in a degree program while on leave from Columbia, the student will be considered to have transferred to another institution and will be permanently withdrawn from Columbia College.

READMISSION FROM MEDICAL LEAVE OF ABSENCE

Students must complete all parts of the following readmission procedures by the following deadlines:

- Fall term readmission – June 1
- Spring term readmission – November 1
- Summer term readmission – not permitted

In order to begin the readmission process, students must first discuss their plans with their advising deans in the [Berick Center for Student Advising](#) and then submit the following letters to their advising deans by email or fax:

1. Request for readmission: This letter should review the circumstances that led to the leave, describe in detail any activities pursued while away, explain why studies can now be successfully resumed, and outline a plan for continued support. The letter should also indicate whether or not campus housing will be required.
2. Letter from medical practitioner supporting readmission: This letter should describe the treatment prescribed for the student and progress made by the student, provide an evaluation of the student's readiness to return to full-time study at Columbia, and outline the recommended continued care plan upon readmission.

The Medical Leave Readmission Committee is comprised of representatives of Columbia Health, the Berick Center for Student Advising, and other key offices of the College and the University. It meets in June and November to consider readmission requests for the Fall and Spring terms, respectively. Committee review is not guaranteed if documentation is submitted after the stated deadlines. Students will receive notification regarding one of the following three outcomes of the committee's assessment of readmission requests:

1. Applicants are approved for an interview by a Columbia Health practitioner. Pending the results of the interview, a student may be officially readmitted or denied readmission and will be notified of a decision by the Berick Center for Student Advising by letter and email.
2. Additional information is requested.
3. Readmission is denied. Students may reapply the following semester for readmission.

Once officially readmitted, students will be provided an online registration appointment in order to enroll for the coming term. Normally, students will be able to register in late August for the Fall and in mid-January for the Spring term. In addition, students who are guaranteed housing upon readmission may submit a housing application by following the instructions in their readmission letter. Students on leave cannot participate in housing lotteries before being formally readmitted.

Students must address all financial or other obligations to the University that may still be outstanding from the beginning

of their leave. If holds have been placed on their account, these holds must be cleared before they can enroll in classes or move into housing. If, after being readmitted for the following semester, a student cannot register by the end of the Change of Program period of that semester, then the student will be placed on another leave of absence.

Students are urged to meet with their advising deans in the [Berick Center for Student Advising](#) and, if they live in campus housing, a Residential Life staff member, during the first two weeks of their return to campus, to ensure a smooth transition back to the campus community.

VOLUNTARY PERSONAL LEAVE OF ABSENCE (NONMEDICAL)

A voluntary leave of absence may be granted by the Committee on Academic Standing to undergraduate students who request a temporary withdrawal from Columbia College for a nonmedical reason during the semester. Students do not need to petition the Committee on Academic Standing if they request a voluntary leave of absence prior to the start of the semester. Students considering a voluntary leave must discuss this option in advance with their advising deans in the [Berick Center for Student Advising](#).

Voluntary leaves are granted for a period of one to four semesters. Students must be in good academic standing at the time of the leave, and must be able to complete their degree in a total of eight semesters.

When a leave begins after a term is in session, the student's transcript will reflect the action of withdrawal and the date of withdrawal. If the date of withdrawal for a personal leave is on or before the Columbia College withdrawal deadline (noted on the academic calendar), the student's transcript will not reflect the individual courses attempted during the term.

Normally, if a voluntary leave of absence begins after the Columbia College withdrawal deadline, the student's transcript will include all courses attempted, with each course receiving a mark of W (indicating authorized withdrawal). In certain circumstances, a student may qualify for an Incomplete for a course, and the remaining work for the course would have to be completed by the end of the Change of Program period of the semester in which the student returns to Columbia. If the Incomplete is not completed by that time, the contingency grade or a W will be inserted as the final grade.

Students may not take courses for transferable credit while on leave. If a student matriculates at another institution in a degree program while on leave from Columbia, the student will be considered to have transferred to another institution and will be permanently withdrawn from Columbia College. Students who choose to take voluntary leaves are not guaranteed housing upon return to the University. International students should contact the [International Students and Scholars Office](#) to

ensure that a leave will not jeopardize their ability to return to Columbia College.

To return to Columbia College, students must notify the [Berick Center of Student Advising](#) by June 1 for the Fall term or November 1 for the Spring term. Students must request readmission in writing and submit a statement describing their readiness to return.

FAMILY EMERGENCY LEAVE OF ABSENCE

Columbia College students who must leave the university for urgent family reasons that necessitate a semester-long absence (e.g., family death or serious illness in the family) may request an emergency family leave of absence. Documentation of the serious nature of the emergency must be provided. Students must request an emergency family leave of absence from their advising deans in the [Berick Center for Student Advising](#).

When an emergency family leave begins after a term is in session, the student's transcript will reflect the action of withdrawal and the date of withdrawal. If the date of withdrawal for an emergency family leave of absence is on or before the Columbia College withdrawal deadline (noted on the academic calendar), the student's transcript will not reflect the individual courses attempted during the term. Normally, if an emergency family leave begins after the Columbia College withdrawal deadline, the student's transcript will include all courses attempted, with each course receiving a mark of W (indicating authorized withdrawal). In certain circumstances, a student may qualify for an Incomplete for a course, and the remaining work for the course would have to be completed by the end of the Change of Program period of the semester in which the student returns to Columbia. If the Incomplete is not completed by that time, the contingency grade or a W will be inserted as the final grade.

To return to Columbia College, students must notify the [Berick Center of Student Advising](#) by June 1 for the Fall term or November 1 for the Spring term. Students must request readmission in writing and submit a statement describing their readiness to return. Once readmission is granted, housing will be guaranteed.

FAILURE TO GRADUATE

Students who fail to graduate and who have been withdrawn from the College must apply for readmission within a two-year period in order to have an opportunity to complete the degree. If they do not complete their degree within two years, then they may be permanently withdrawn. To apply for readmission, students must have successfully completed no fewer than 90 points of academic credit and earned a GPA of no less than 2.0. Students must fulfill the degree and major or concentration requirements in place at the point of original matriculation. Readmission will be predicated upon the assessment of the student's ability to successfully complete the degree within

one calendar year. Inquiries regarding readmission should be directed to the [Berick Center for Student Advising](#).

READMISSION

In general, students seeking readmission to Columbia College must submit evidence that they have achieved the purposes for which they left. Consequently, specific readmission procedures are determined by the reasons for the withdrawal. Policy statements outlining the readmission procedures for voluntary or medical leaves of absences are available in the [Berick Center for Student Advising](#). Students should consult their advising deans for further information.

Students applying for readmission should complete all parts of the appropriate readmission procedures by June 1 for the Fall term or November 1 for the Spring term. Once an international student with F-1 or J-1 status is readmitted, the student should contact the [International Students and Scholars Office](#) to obtain a new visa certificate (form I-20 or form DS-2019).

Students may not take courses for transferable credit while on leave. If a student matriculates at another institution in a degree program while on leave from Columbia, the student will be considered to have transferred to another institution and will be permanently withdrawn from Columbia College.

DEGREE REQUIREMENTS

The faculty Committee on Instruction of Columbia College reviews Columbia College degree requirements and curricular matters regularly. This Bulletin reflects all faculty recommendations and curricular changes in its annual publication.

Columbia College policy requires students to fulfill the general degree requirements (*i.e.*, all degree requirements besides the major or concentration) that are stated in the Bulletin of the first year of their matriculation at Columbia College, and to fulfill the major or concentration requirements that are stated in the Bulletin at the time that students declare their major or concentration (typically in the second year of study).

MODIFICATION OF REQUIREMENTS

The requirements for the degree may be modified or waived in individual and rare cases only with the approval of the Dean of Academic Affairs of Columbia College, acting on behalf of the faculty Committee on Instruction of Columbia College. Students wishing to petition for a modification of degree requirements should discuss their requests with their advising deans in the [Berick Center for Student Advising](#).

THE COLUMBIA COLLEGE COMMITTEE ON ACADEMIC STANDING

[The Columbia College Committee on Academic Standing](#) implements academic policies and regulations for Columbia College students as set forth by the faculty Committee on

Instruction, the University Senate, or the faculty as a whole. [The Committee on Academic Standing](#) is expected to uphold the policies and regulations of the Committee on Instruction.

[The Committee on Academic Standing](#) is composed of advising deans, an associate dean of advising, and the dean of advising of the Berick Center for Student Advising.

REGISTRATION

Student Service Center

210 Kent
212-854-4400
ssc@columbia.edu

REGISTRATION AND ENROLLMENT

"Registration" is the process by which eligible students reserve a seat for themselves in current or future classes. Students receive informational emails from the Registrar's Office each semester that detail the procedures for each term's registration period.

"Enrollment" is the completion of the registration process and affords the full rights and privileges of student status. It is accomplished by the payment or other satisfaction of tuition and fees and by the satisfaction of other obligations to the University.

The University reserves the right to withhold the privilege of registration or any other University privilege from any person with an unpaid debt to the University.

All Columbia College students must be registered for a minimum of 12 points of credit in any given semester. Each Columbia College student must be registered for at least 12 points of credit by the close of the Change of Program period (*i.e.*, the end of the second week of classes in the Fall or Spring term), and those students who are registered for fewer than 12 points by this time will be withdrawn from the College. Graduating seniors who need fewer than 12 points of credit to complete their degree can petition the Committee on Academic Standing for permission to register for fewer than 12 points of credit, with the understanding that they will still be required to enroll as full-time students paying full-time tuition.

Students are held accountable for absences incurred owing to late enrollment.

Registration alone does not guarantee enrollment, nor does registration alone guarantee the right to participate in a class. In some cases, students need to obtain the approval of the instructor or of a representative of the department offering the course. In other cases, students may be required to attend the first few class sessions prior to official registration or to confirm official registration. Please check the course information in the *Departments, Programs, and Courses* section of this Bulletin and the registration instructions contained in the Directory of Classes for all of the approvals required.

According to University regulations, each person who completes registration is considered a student of the University during the term for which they register, unless the student's connection with the University is officially severed by

withdrawal or otherwise. No student registered or enrolled in any school/college of the University shall at the same time be registered or enrolled in any other school/college, either of the University or of any other institution, without specific authorization from the dean/director of the school/college in which the student is first registered.

The privileges of the University are not available to any student until they have completed registration. Typically, a student who is not officially registered for a University course may not attend the course; however, some courses may require students to attend the first few class sessions prior to official registration. Students are expected to register for courses during the time periods explicitly identified by the Office of the Registrar, and may be required to obtain written consent of a faculty member or of the Committee on Academic Standing to register at any time during an academic term.

To comply with current and anticipated Internal Revenue Service mandates, the University requires all students to report their Social Security numbers at the time of admission. **Newly admitted students who do not have Social Security numbers should obtain one well in advance of first registration.** International students should consult with the International Students and Scholars Office, located at 524 Riverside Drive (+1-212-854-3587) for more information.

Questions about registration should be directed to the Berick Center for Student Advising.

REGISTERING FOR CLASSES

Registration instructions are sent to students from the Office of the Registrar by email announced in advance of each registration period. Students' individual registration times are listed in Student Services Online (SSOL) and registration dates are listed on the Academic Calendar. Students should also consult the Registrar's website for additional information. Students are responsible for ensuring that their academic programs are in accordance with the policies noted here.

Some classes may be blocked for online registration and require written approval; students should check Vergil or the Directory of Classes for approval information. Courses blocked from online registration require additional approval, either in SSOL or through your academic advisor. A completed Registration Adjustment Form, with all necessary approvals confirmed, may be required. A student cannot use the Registration Adjustment Form to register for a course if the course is not blocked from online registration or if the student is eligible to join the course Wait List. Speak with your academic advisor for more information on this process.

Students otherwise unable to register through SSOL must submit a completed Registration Adjustment form to the Berick Center for Student Advising, with all necessary approvals confirmed.

Students are allowed to register for a maximum of 18 points of credit in any given semester. Also, students may not register for courses whose meeting times overlap. If students are accepted into courses through the Wait List so that their programs contain more than 18 points and/or overlapping courses, students are required to bring their enrollments into compliance with these registration policies by the end of the Change of Program period, either by reducing their course registrations to 18 points or fewer, and/or by dropping courses that overlap with others.

The Committee on Academic Standing in the Berick Center for Student Advising is tasked with upholding the academic policies of the College and will make changes to students' registration if the students fail to ensure that their academic programs comply with these policies set by the faculty.

DROPPING OR WITHDRAWING FROM COURSES

Students may drop a course from their academic program through the deadline noted during the fifth week of classes. Until this deadline, students can drop a course themselves online via Student Services Online (SSOL), although they are encouraged to talk with their advising dean about their choice to drop in order to consider all of their options. If a course is successfully dropped before this deadline, the course will be removed from the student's program and transcript.

Shared Core Curriculum courses have their own particular drop deadline—see “Dropping or Withdrawing from Core Curriculum Courses” below.

Between the fifth week of classes and the tenth week of classes, students may withdraw from a course. To withdraw from a class, students must first meet with their advising dean in the Berick Center for Student Advising, 403 Lerner, to discuss their choice to withdraw in order to consider all of their options. Students must then submit a Columbia College Acknowledgment of Course Withdrawal form to their advising dean in the Berick Center for Student Advising. If a student successfully withdraws from a course after the drop deadline and before the withdrawal deadline, the course will remain on the student's program and transcript with a notation of “W”, with no credit or final grade earned.

After the course withdrawal deadline, students may not withdraw from any course and will receive the letter grade earned in the course.

When considering the option to drop or withdraw from a course, students should be aware that, in order to remain in good academic standing, they must successfully complete no fewer than 12 points in a given semester. Students who do not earn at least 12 points per term will be placed on academic probation, or be suspended or dismissed. Students who do not make adequate progress to the degree (an average of 15.5 points

per term) will also face academic probation, suspension, or dismissal.

Neither failure to attend classes nor a student's personal communication to an instructor of intent to drop or withdraw will constitute dropping or withdrawing from a course. Students who stop attending classes without dropping or officially withdrawing are assigned the letter grade earned by factoring a zero or F for any missing work.

DROPPING OR WITHDRAWING FROM CORE CURRICULUM COURSES

The deadline to drop one of the shared Core Curriculum courses (*i.e.*, Art Humanities, Contemporary Civilization, Frontiers of Science, Literature Humanities, Music Humanities, and University Writing) from an academic program is the end of the Change of Program period—*i.e.*, the end of the first two weeks of classes. After this point, students cannot drop Core Curriculum courses but can withdraw from these courses according to the withdrawal processes noted above.

Please note that students can be placed on academic probation if they fail to complete certain Core classes in their first or second year. Students considering dropping a Core class should consult their advising deans before taking any action. For more details, see the section on Core Curriculum in this Bulletin.

DECLARING THE PASS/D/FAIL OPTION USING THE REGISTRATION SYSTEM

The deadline for declaring the Pass/D/Fail option for a course falls during the tenth week of classes. Up until this deadline, students may elect to change their course grading options for eligible courses from letter grading to Pass/D/Fail or from Pass/D/Fail to letter grading online via Student Services Online (SSOL).

The Pass/D/Fail option is available only for certain courses in a students' program. Students should refer to *Academic Regulations*—Exams and Grades listed in this Bulletin for more information regarding this grading option.

STUDY ABROAD

GLOBAL ENGAGEMENT

The Columbia University Center for Undergraduate Global Engagement (UGE) develops, coordinates, implements, and collaborates with other units at Columbia to support academic and co-curricular opportunities—including study abroad, global internships, global service-learning, global research and global courses on campus and abroad—for global learning and engagement for all undergraduates during their Columbia University journey; and works closely with faculty in their global research and teaching to ensure visibility and access to opportunities that build global awareness and the accomplishment of global competencies. UGE enhances access and support for undergraduates to global opportunities and brings students and faculty together in a central location that creates a hub of global activity at Columbia, allowing students to better connect and learn about potential programs; faculty and staff to share their global and regional expertise and advice; and for the collaborative development, implementation and assessment of new and existing undergraduate global programs and opportunities for global engagement across Columbia and around the world.

Center for Undergraduate Global Engagement

606 Kent

212-854-2559

uge@columbia.edu

Studying in a foreign country for a semester, a full year, or sometimes a summer, represents a significant enhancement to the Columbia College education. Study abroad expands the walls of the institution and offers students the opportunity to gain first-hand experience of the larger global community of which we are all members. Students engaged in international study discover insights into other cultures, develop new perspectives, and learn to reflect on how their own culture has shaped their understanding of the world. Students interested in studying abroad should visit the [Center for Undergraduate Global Engagement](#), 606 Kent, as early as possible to discuss their academic goals and to develop a plan for integrating international study into their curriculum.

ELIGIBILITY

The College maintains the authority over students' participation in study abroad programs and upholds standards for all potential candidates. To be eligible for participation in a Columbia-approved study abroad program, students must meet the following criteria:

- Have a minimum cumulative GPA of 3.0, including the semester before going abroad;

- Have at least junior standing for semester study abroad (students in any class year can study abroad during the summer);
- Make progress toward finishing the Core Curriculum, specifically, Literature Humanities, Contemporary Civilizations, University Writing, and Frontiers of Science;
- Demonstrate academic interest by completing at least one course pertaining to the country or region where the student intends to study;
- Maintain good academic and disciplinary standing. A review of each student's academic and disciplinary records is conducted as part of the required clearance process. Students on academic or disciplinary probation are not permitted to study abroad during the term of their probation.

It is generally possible to arrange for study in most foreign countries through programs sponsored by Columbia or by other institutions, or through direct application to foreign universities. Such studies may be approved for one to two terms in the junior year or during any summer term.

CREDIT AND GRADING

Students who enroll in the following Columbia-sponsored programs receive direct Columbia credit for their courses. The grades earned in their studies are reflected on their official transcripts and cumulative GPA:

- Columbia in Paris
- The Berlin Consortium for German Studies
- The Kyoto Center for Japanese Studies
- Columbia in Kenya
- Columbia in London
- Consortium for Advanced Studies in Cuba

Credit from outside approved programs is certified as transfer credit toward the degree when the student returns to the College and upon receipt of appropriate transcripts and other supporting materials. Grades earned during participation in outside approved programs are not reflected on the transcript or the cumulative GPA. College transfer students should note that they are permitted no more than 60 points of outside credit (see *Academic Regulations*—Regulations for Transfer Students).

All students are reminded that the final 30 credits required for the degree must be taken while enrolled in the College for study on Columbia's New York campus or on one of the Columbia-sponsored programs abroad. Any exceptions require special permission from the Committee on Academic Standing.

In addition, the following conditions apply for study abroad:

1. No credit is granted for courses in business, education, journalism, or other subjects that, at Columbia, are typically taught in professional schools.

2. Transfer credit is not awarded for courses taken on a Pass/Fail basis in outside programs. The minimum grade necessary for transfer of credit is C-.

STUDY ABROAD CLEARANCE

Students must be cleared to study on approved programs by the Center for Undergraduate Global Engagement, 606 Kent, by October 1 for the spring semester and by March 1 for the fall semester/academic year. Students must register with this office before November 15 for the spring semester and April 15 for the fall semester/academic year.

UNDERGRADUATE INTERNATIONAL TRAVEL POLICY

All matriculated undergraduates who wish to participate in Columbia-Led, Columbia-Facilitated and/or Recognized international travel must first be cleared to participate in such program and are then *required* to obtain School Sponsorship at least 4 weeks prior to departure, in accordance with the Undergraduate International Travel Policy.

TUITION AND FINANCES

While abroad, students remain enrolled at the College; tuition is paid to Columbia. Columbia, in turn, pays the academic costs of the overseas program. Students are financially responsible for room, board, and any other miscellaneous costs. Students receiving financial aid at Columbia remain eligible for aid when they study abroad with Columbia's approval.

Students may direct financial aid and study abroad inquiries to the Financial Aid and Educational Financing, 618 Lerner; 212-854-3711; ugrad-finaid@columbia.edu.

For a full list of semester and study abroad opportunities, please visit the Undergraduate Global Engagement website: <https://global.undergrad.columbia.edu/>.

VIRTUAL EXCHANGE

Global Columbia Collaboratory

The Global Columbia Collaboratory works with students and the Columbia global network from around the world to create a space for global learning. Framed by the United Nations Sustainable Development Goals, it serves as a platform for virtual exchange opportunities for all involved to learn, reflect, and work collaboratively on projects and ideas relevant to today's world.

Selected participants for the Collaboratory will participate in theme-based global seminars from faculty and experts drawn from Columbia's global networks; exchange perspectives and reflect together on the global challenges framed by the global seminar; and develop ideas with potential to impact today's society. Participants will be coached through the ideation process with support from the broader Columbia global network to help bring student projects to fruition.

Columbia College students who enroll in the Columbia-sponsored programs listed below have the same access to the financial aid they would have if they were enrolled in classes in New York. Students who plan to apply should consult with the Center for Undergraduate Global Engagement, 606 Kent; 212-854-2559; uge@columbia.edu (ogp@columbia.edu).

AFRICA

Kenya: Columbia in Kenya Program

In partnership with Princeton University, Columbia has developed a field semester abroad program in Kenya on Tropical Biology and Sustainability. Operating during the spring semester, this global immersion experience gives students the opportunity to study ecology, evolutionary biology, conservation biology, environmental engineering, and sustainable development in the environmental hub of East Africa. Based at Princeton's Mpala Research Centre in central Kenya, and with support from Columbia's Global Center Africa in Nairobi, students also travel across Kenya to places such as the forested slopes of Mt. Kenya, the wildlife-rich savannas of Laikipia, and the coffee and tea plantations of western Kenya. Students take four three-week course modules taught by Princeton and Columbia faculty who work in Kenya and other parts of East Africa.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

EAST ASIA

Japan: The Kyoto Consortium for Japanese Studies

The Kyoto Consortium for Japanese Studies (KCJS) offers an intensive, two-semester academic program primarily for undergraduates who wish to do advanced work in Japanese language and Japanese studies. The program is open to qualified students who have completed two or more years of college-level Japanese at the time of enrollment. A limited number of students may be admitted for single semester study in the fall or spring.

The KCJS curriculum provides intensive Japanese language study and the opportunity to choose from a broad spectrum of social sciences and humanities courses on premodern and contemporary Japan. The program takes advantage of the numerous social and cultural resources of Kyoto by incorporating into the curriculum field trips, guest speakers, and research projects based on local field work.

For program information, students may consult <https://global.undergrad.columbia.edu/program/kcjs-semester> and email uge@columbia.edu (ogp@columbia.edu). Students are also advised to consult with the director of undergraduate studies in the Department of East Asian Languages and Cultures.

EUROPE

France: Columbia in Paris

Established in 1966, the Columbia-Penn Program in Paris at Reid Hall offers semester, academic-year, and summer study-abroad options that challenge students to step outside the boundaries of a traditional French language program and use French as a means to further their understanding of their own area of study. Students with a good command of the French language refine their speaking and writing skills through intensive language training and by taking selected disciplinary courses taught in French specifically for the program at Reid Hall and in the French university system at partner institutions: Institut d'Etudes Politiques (Sciences Po), University of Paris I (Panthéon Sorbonne), University of Paris IV (Sorbonne), and University of Paris VII (Denis Diderot). Opportunities for participating in joint honors seminars and directed research are also available.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Germany: The Berlin Consortium for German Studies

The Berlin Consortium for German Studies (BCGS) provides students with the opportunity to enroll in courses at the Freie Universität Berlin (FU Berlin) for the fall semester or a full academic year. The program begins with a six-week intensive language practicum which, in conjunction with a month-long homestay, prepares students for study at the FU Berlin. Upon completion of the practicum, students enroll in one course taught by the BCGS directors on a topic such as cultures, politics, history, literature, theater, or cinema; and for at least two, possibly more, FU Berlin courses for which they meet the prerequisites.

The FU Berlin offers a wide range of courses in the humanities, social sciences, and natural sciences. Students majoring in a variety of disciplines may choose from an array of appropriate courses.

For program information, students may consult <https://global.undergrad.columbia.edu/program/bcgs> and email uge@columbia.edu (ogp@columbia.edu). Students are also advised to consult with the [director of undergraduate studies](#) in the [Department of Germanic Languages](#).

United Kingdom : Columbia in London Program

The Columbia in London Program operates under the direction of Columbia's Department of English and Comparative Literature, in partnership with Queen Mary University of London (QMUL), one of the UK's most prestigious academic institutions.

The program's Global Seminar studies major works of English and Anglophone literature from all periods and genres in a London context. Each fall, the program will be led by one Columbia faculty member whose research directly engages the literary culture of London. That faculty member will offer a version of the global seminar that will enable participating students to study literary texts in their immediate geographical and cultural settings, transforming their relationship to their objects of study and encouraging them to develop a wider range of reading practices and research methodologies. In addition to regular class meetings, the Global Seminar will involve regular outings to urban sites, designed to complement and enhance the readings and classroom discussions. Destinations will include the British Library, the British Museum, the Victoria and Albert Museum, the Tate Museums, the Globe Theater, and a host of other London cultural institutions.

In addition to the Global Seminar, students will also enroll alongside local students in courses offered by the host institution. QMUL offers programs across a broad range of disciplines, including physical and natural sciences, business and management, engineering, humanities, and social sciences.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (reidhall@columbia.edu).

United Kingdom: The Oxford/Cambridge Scholars Program

Columbia students interested in spending one or both semesters of their junior year at Oxford or Cambridge should apply for admission to the Oxford/Cambridge Scholars Program during the first term of their sophomore year. Application to the program is made through the [Center for Undergraduate Global Engagement](#), where a preliminary selection of candidates is made. Designated candidates for admissions then apply to one of the participating colleges of Oxford or Cambridge. Criteria for admission include a very strong academic record at Columbia, as well as commitment to a chosen field of study. Application through the Columbia Oxford/Cambridge Scholars Program is the only way the College authorizes study at either university.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

LATIN AMERICA AND THE CARIBBEAN

Cuba: The Consortium for Advanced Studies in Cuba

The Consortium for Advanced Studies Abroad (CASA) program in Cuba is a collaborative initiative involving eight U.S. universities: Brown, Columbia, Cornell, Dartmouth, Johns Hopkins, Northwestern, University of Pennsylvania, and

Vanderbilt University. CASA-Cuba provides students with a unique opportunity to have direct access to Cuba's leading institution of higher learning, the University of Havana, and to Casa de Las Américas, the Cuban government's premier research institution on Caribbean and Latin American studies, Cuban culture, and the arts. Comprehensive student services support the academic and social experience. The program runs in both fall and spring semesters.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Summer study abroad provides a meaningful complement to the College curriculum and can help students prepare for semester- or year-long overseas programs.

Columbia College students who enroll in the Columbia-sponsored summer programs listed below earn direct credit for their courses.

For a full list of summer study abroad opportunities, please visit the Undergraduate Global Engagement website: <https://global.undergrad.columbia.edu/>.

Recent programs are listed below.

Africa and the Middle East

Jordan/Tunisia: The Middle Eastern and North African Studies Program in Amman and Tunis

This nine-week program allows students to strengthen their skills in Modern Standard Arabic while being introduced to the history in the intersecting regions of the Maghreb and the Middle East. Students take the equivalent of a year of Modern Standard Arabic and receive training in the dialects of the Mashrek and the Maghreb. The language program is complemented by a cultural and historical seminar featuring lectures by prominent specialists from Columbia University and partner institutions in the Middle East and North Africa.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

East Asia

China: Columbia Summer in Beijing: Business Chinese

This ten-week program is based at Peking University and offers advanced Chinese language students an opportunity to gain firsthand experience in the language, culture, and customs that drive the economic development of the world's most populated nation. Students enroll in six weeks of intensive, personalized instruction in business Chinese language classes and four weeks

of language practicum placements in Beijing offices of local/multinational companies.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

China: Columbia Summer in Beijing: Chinese Language

This nine-week program immerses students in Beijing and offers four levels of intensive Chinese language studies from first through fourth year. Reading, writing, speaking and listening are emphasized in the classroom, in drill sections, and through private tutorials. Group excursions in and around Beijing and a week-long travel break give students insight into Chinese society and provide a variety of environments in which to practice language skills.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

China: Global Scholars Program: Adaptation to Changing Climates

The Global Scholars Program (GSP) in China consists of a spring course at Columbia, *Principles of Animal Behavior*, followed by a three-week field study course in China, *Behavioral Adaptation to Changing Climates*. Throughout the program, students will understand how animals cope with and adapt to changing environments. The program explores a broad range of topics in behavioral ecology, teaches hands-on research skills, and allows students to interact with government officials and students in China.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Japan: The Kyoto Consortium for Japanese Studies Program in Advanced and Classical Japanese

This six- or eight-week program offers intensive training in modern and classical Japanese for students who have completed at least one year or three years of Japanese, or the equivalent.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Europe

France: Columbia Summer in Paris

The six-week program offers modules at several levels designed to allow students to work together in small classes to integrate language and cultural studies and to progress in French

while using Paris as a learning lab for language, culture, and extracurricular activities.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

France : Columbia Summer Core in Paris: Art Humanities and Music Humanities

This six-week program enables students to complete two Core Curriculum courses, *Art Humanities* and *Music Humanities*, in Paris. The program emphasizes the musical and visual cultures of Paris. Day trips to important sites in the region, such as Chartres and Giverny, will complement the excursions to monuments and musical performances within Paris.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

France : Columbia Summer Undergraduate Math Research Program in Paris

This six-week program provides for intensive mathematical research with students and faculty from Columbia and the Université Denis Diderot in Paris.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Germany : Columbia Summer Core in Berlin: Art Humanities and Music Humanities

This six-week program enables students to complete two Core Curriculum courses, *Art Humanities* and *Music Humanities*, in Berlin. The program emphasizes the musical and visual cultures of German. Two overnight excursions to important sites in Germany will compliment the excursions to monuments and musical performances within Berlin.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Greece: Columbia Summer in Greece: Athens Curatorial Project

This five-week program takes place in various locations in Greece and consists of an intensive curatorial workshop grounded in a seminar highlighting historical, anthropological, and literary approaches to aspects of Greek history and culture. It examines these through the organization of an art exhibition under the general theme of the environment.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Italy: Columbia Summer in Italy: Archaeological Fieldwork

This four-week program provides students with the unique opportunity to excavate at Hadrian's Villa, a UNESCO World Heritage site near Rome and the most important of Roman imperial villas. Students learn archaeological techniques at all levels and think critically about how excavation work allows for deeper insight into the social, political, economic, architectural and artistic history of classical antiquity.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Italy: Columbia Summer in Venice

This six-week program is based at Ca' Foscari University in Venice and uses an interdisciplinary approach to understanding Italian culture and society through study of its language, literature/film, art history and conservation, and economy. Students are given the opportunity to gain a deeper appreciation of the rich Venetian culture, traditions, and history.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

Latin America

Mexico: Columbia Summer in Mexico City: Colonization and Decolonization

This four-week program in Mexico City gives students the opportunity to study the dynamics of civilizational contact, exchange, and conflict in the Americas. It offers the Center for the Study of Ethnicity and Race course "Colonization and Decolonization" in a moveable classroom setting to allow students access to sites of historical and architectural significance, including museums, archives, as well as meetings with local scholars and non-governmental organizations.

For program information, students may consult <https://global.undergrad.columbia.edu/> and email uge@columbia.edu (ogp@columbia.edu).

SUMMER STUDY ABROAD APPROVAL

Students seeking to study abroad during the summer must be approved by the Center for Undergraduate Global Engagement, 606 Kent. Transfer credit for summer classes taken abroad on outside programs is awarded only for foreign-language courses under these conditions:

- Credits for language study at the elementary and intermediate levels are awarded after the student takes a placement exam to determine his/her progress in the language. Advanced foreign-language instruction courses are accepted for academic credit upon review by the appropriate language department.

- The only non-language instruction courses eligible for credit are courses which will satisfy the major or concentration. The courses must be taken abroad in a foreign language and must receive departmental approval to satisfy major or concentration requirements.

Limited exceptions can be made for awarding credit for summer courses taught in English. College credit can be granted provided that the course offers a unique experience, such as a field-studies program or archaeological dig, where the study-abroad site functions as a constituent part of the course, and the program must be approved by the [Center for Undergraduate Global Engagement](#). Departmental approval is required and the course must satisfy major or concentration requirements.

EXCHANGE PROGRAMS

In order to provide the richest and most immersive experience possible to its students, Columbia has established a network of exchange agreements with international institutions. With an exchange agreement, Columbia students may study at a partner institution; in exchange, students from the foreign institution may study at Columbia. Students take regular courses alongside local students, live in campus housing, have an academic adviser, and have access to all university facilities and resources.

Currently, Columbia has undergraduate exchanges with the following institutions:

- Bocconi University
- Bo#aziçi University
- Hong Kong University of Science and Technology
- University of Hong Kong
- Waseda University

Students who plan to apply to these programs should consult with the [Center for Undergraduate Global Engagement](#), 606 Kent; 212-854-2559; uge@columbia.edu (ogp@columbia.edu).

CREDIT AND GRADING

As with other types of study abroad programs, all academic work completed abroad counts toward the Columbia degree, and students may take classes toward the major with the department's approval.

TUITION AND FINANCES

Columbia College students who attend these exchange programs have the same access to financial aid they would have if they were enrolled in classes on Columbia's New York campus. Columbia students pay their usual Columbia tuition and are responsible for non-academic costs abroad.

Students may direct financial aid and study abroad inquiries to the [Financial Aid and Educational Financing](#), 618 Lerner; 212-854-3711; ugrad-finaid@columbia.edu.

SPECIAL PROGRAMS

Preprofessional Advising

Berick Center for Student Advising
403 Lerner
212-854-6378
preprofessional@columbia.edu

Medical, dental, and other health professional schools prefer that undergraduates complete a four-year program of study culminating in a bachelor's degree. All health professional schools require prerequisite coursework, but the specific coursework can vary somewhat from program to program and school to school. This coursework can be completed during the undergraduate years along with the Core Curriculum and the major or concentration.

CONCENTRATIONS AND MAJORS

There is no concentration or major preferred by medical school admissions committees. Students are encouraged to pursue a concentration or major in any field that appeals to them. Students concentrating in a non-science area may wish to take one or two extra science courses to demonstrate their interest and aptitude in the sciences. Students should work closely with their advising deans and preprofessional advisers from the Berick Center for Student Advising, as well as their departmental major adviser in planning a program that meets their interests.

PREMEDICAL REQUIREMENTS

It is very important to note that each medical school in the United States and Canada individually determines its own entrance requirements, including prerequisite coursework or expected competencies. Each medical school also sets its own rules regarding acceptable courses or course equivalents. It is therefore essential that students confirm the premedical requirements for all schools to which they intend to apply.

In addition to medical school course requirements, medical schools currently require applicants to sit for the Medical College Admissions Test (MCAT). Students preparing for medical school are advised to take the following courses, as they will meet the prerequisites for most medical schools and will prepare applicants for the MCAT:

- 1 year of General Chemistry and General Chemistry Lab;
- 1 year of Organic Chemistry and Organic Chemistry Labs;
- 1 year of Introductory Biology and Biology Lab;
- 1 year of General Physics and Physics Labs;

- 1 semester Biochemistry;
- 1 semester of Introductory Psychology

At Columbia, the following courses correspond to the above requirements:

Chemistry

Select one of the following three options:

Option 1:

CHEM UN1403 - CHEM UN1404	GENERAL CHEMISTRY I-LECTU and GENERAL CHEMISTRY II-LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY

Option 2: for students who place into the accelerated track:

CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN1507 or CHEM UN1500	INTENSVE GENERAL CHEMISTRY-LAB GENERAL CHEMISTRY LABORATORY

Option 3: available to students depending on results of placement exam:

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN2045 - CHEM UN2046	INTENSVE ORGANIC CHEMISTRY and INTENSVE ORG CHEM-FOR 1ST YEAR (formerly CHEM W3045-W3046)
CHEM UN2545	INTENSIVE ORGANIC CHEM LAB

Organic Chemistry

CHEM UN2443 - CHEM UN2444	ORGANIC CHEMISTRY I-LECTURES and ORGANIC CHEMISTRY II-LECTURES (formerly CHEM W3443-W3444)
CHEM UN2493 - CHEM UN2494	ORGANIC CHEM. LAB I TECHNIQUES and ORGANIC CHEM. LAB II SYNTHESIS

Biology

BIOL UN2005 - BIOL UN2006	INTRO BIO I: BIOCHEM, GEN, MOLEC and INTRO BIO II: CELL BIO, DEV/PHYS
BIOL UN2501	CONTEMPORARY BIOLOGY LAB (or other Biology laboratory approved by premedical adviser)

Physics

Select one of the following three options:

Option 1:

PHYS UN1201 - PHYS UN1202	GENERAL PHYSICS I and GENERAL PHYSICS II
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PHYS UN1291 GENERAL PHYSICS I LAB
- PHYS UN1292 and GENERAL PHYSICS II
LABORATORY

Option 2:

PHYS UN1401 INTRO TO MECHANICS #
- PHYS UN1402 THERMO
and INTRO ELEC/MAGNETISM
OPTCS

Or

PHYS UN1601 PHYSICS I:MECHANICS/
- PHYS UN1602 RELATIVITY
and PHYSICS II: THERMO,
ELEC # MAG

Also select one of the following laboratories:

PHYS UN1291 GENERAL PHYSICS I LAB
- PHYS UN1292 and GENERAL PHYSICS II
LABORATORY

PHYS UN1493 INTRO TO EXPERIMENTAL
PHYS-LAB

PHYS UN1494 INTRO TO EXPERIMENTAL
PHYS-LAB

PHYS UN2699 Experiments in Classical and
Modern Physics

PHYS UN3081 INTERMEDIATE
LABORATORY WORK

Option 3:

PHYS UN2801 ACCELERATED PHYSICS I
- PHYS UN2802 and ACCELERATED PHYSICS
II

Also select one of the following laboratories:

PHYS UN1493 INTRO TO EXPERIMENTAL
PHYS-LAB

PHYS UN1494 INTRO TO EXPERIMENTAL
PHYS-LAB

PHYS UN2699 Experiments in Classical and
Modern Physics

PHYS UN3081 INTERMEDIATE
LABORATORY WORK

Psychology

PSYC UN1001 THE SCIENCE OF
PSYCHOLOGY

While these courses are recommended for MCAT preparation, students should note the following additional information:

- **English:** Most medical schools require one year of English, emphasizing skill acquisition in writing. Columbia College students fulfill this requirement with UNIVERSITY WRITING (ENGL CC1010) and *Masterpieces of Western Literature and Philosophy (Literature Humanities)* (HUMA CC1001-HUMA CC1002).
- **Mathematics:** Although not required by most medical schools, calculus is required for Columbia chemistry sequences and therefore all premedical students should have successfully completed the equivalent of one semester of Calculus. Medical schools that do have a mathematics requirement typically expect one semester of calculus

and one semester of statistics. Any Columbia calculus and statistics classes will meet the requirement and it is sometimes possible to use AP credit toward this requirement.

- **Biochemistry:** An increasing number of medical schools require one semester of biochemistry. While Columbia's introductory biology sequence covers many foundational concepts of biochemistry, which may prepare students for the MCAT, many medical schools will require a course in Biochemistry prior to matriculation.
- **Advanced Biology:** A small number of schools require more than one year of introductory biology and many of these recommend specific advanced level classes.
- **Social and Behavioral Science:** A number of schools have begun to add social and behavioral science courses into their requirements, including, but not limited to, psychology and sociology.

Students should note that medical schools' stated prerequisites are subject to change from year to year and it is the responsibility of students to confirm the prerequisite requirements for the medical schools to which they intend to apply. Most medical schools list their requirements in greater detail on their individual websites. More information can also be found from the [Association of American Medical Colleges \(AAMC\)](#).

BARNARD COURSES

While it is preferred that students complete their premedical requirements with Columbia College courses, students may take premedical requirements at Barnard if course prerequisites have been satisfied in advance. However, students should keep in mind that the Columbia Biology and Chemistry Departments may not accept Barnard courses toward the concentration and major. Students should consult their departmental advisers before registering for a Barnard course.

STUDENTS WITH ADVANCED PLACEMENT

Advanced Placement (AP) credit is accepted by some schools, but not all. Students are responsible for monitoring the requirements of each school to which they intend to apply.

Generally, students with AP credit are strongly advised to take further courses in the field in which they have received such credit.

APPLICATION TO HEALTH PROFESSION PROGRAMS

For many health professions programs, students apply for admission more than a year in advance of matriculation. Most Columbia students take time between undergraduate and health profession school and thus wait to apply to these schools until after graduating. Students who are interested in going directly on to health professional school following graduation should

complete all prerequisite courses which will prepare them for application by the end of the junior year.

Students planning to apply to medical or dental school should meet with preprofessional advisers prior to application and plan to obtain a Premedical Advisory Committee letter as part of their application. A Premedical Advisory Committee application is made available each year in December. For more information regarding this process, please consult with a [preprofessional adviser](#) in the [Berick Center for Student Advising](#), 403 Lerner preprofessional@columbia.edu.

CLINICAL AND RESEARCH EXPOSURE

Preprofessional Advising maintains an online list of many different clinical volunteer and research opportunities across New York City and beyond. These opportunities can offer students the chance to explore the health profession and to interact with patients, and these experiences are viewed by medical schools as essential preparation. Students are therefore strongly encouraged to spend time volunteering or working in clinical and research environments before applying to medical school.

THE FU FOUNDATION SCHOOL OF ENGINEERING AND APPLIED SCIENCE

The Combined Plan (3-2) Program

The Combined Plan (3-2) Program is a dual degree program that provides Columbia College students the opportunity to earn a Bachelor of Arts degree from Columbia College and a Bachelor of Science degree from The Fu Foundation School of Engineering and Applied Science in five years. Columbia College students must apply in their junior year to The Fu Foundation School of Engineering and Applied Science. In order to apply, students must have completed or be in the process of completing the pre-engineering courses including:

Mathematics

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III

or

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1207	and HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B

or

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1205	and ACCELERATED MULTIVARIABLE CALC

and

MATH UN1202	CALCULUS IV
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Chemistry

CHEM UN1403	GENERAL CHEMISTRY I-LECTU (at a minimum)
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Physics

Select one of the following three sequences:

PHYS UN1401	INTRO TO MECHANICS #
- PHYS UN1402	THERMO and INTRO ELEC/MAGNETISM # OPTCS

PHYS UN1601	PHYSICS I:MECHANICS/RELATIVITY
- PHYS UN1602	and PHYSICS II: THERMO, ELEC # MAG

PHYS UN2801	ACCELERATED PHYSICS I
- PHYS UN2802	and ACCELERATED PHYSICS II

Some programs require a third semester of Physics

Computer Science

Select one of the following four courses, depending on program:

ENGI E1006	INTRO TO COMP FOR ENG/APP SCI
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COMS W1004	Introduction to Computer Science and Programming in Java
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Economics

ECON UN1105	PRINCIPLES OF ECONOMICS
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Laboratory Requirement (choose one of the following)*:

PHYS UN1494	INTRO TO EXPERIMENTAL PHYS-LAB
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CHEM UN1500	GENERAL CHEMISTRY LABORATORY
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*Note that some majors require a specific lab in either Chemistry or Physics, or both

As a condition for admission to the 3-2 program students must have also completed the requirements for a Columbia College major or concentration, as well as any additional pre-curricular requirements for the specific engineering major (see specific requirements on the [Undergraduate Admissions](#) website). In the fourth and fifth years of study, students will be enrolled at the Fu Foundation School of Engineering and Applied Science. During those years, the students must complete the requirements for a major in the Fu Foundation School of Engineering and Applied Science in consultation with a faculty advisor for their engineering department. Students with more than 35 transfer credits are not eligible for the program. Housing and financial aid will be continued.

Each fall, Undergraduate Admissions conducts information sessions in which students meet with the Combined Plan Program administrator. For more information, students should contact their advising deans in the [Berick Center for Student Advising](#), 403 Lerner, or email combinedplan@columbia.edu.

The 4+1 Program with Columbia College

The 4+1 Program provides students in The Fu Foundation School of Engineering and Applied Science (SEAS) the opportunity to obtain a Bachelor of Arts degree from Columbia College, through the completion of one additional year of study after the completion of four years of study and the fulfillment of all requirements for the Bachelor of Science degree in engineering.

SEAS students who are interested in the 4+1 Program must declare their interest in the spring of their sophomore year and plan their next three years of study with the program adviser. The fifth year of study commences in the fall semester and students are required to conclude their studies after two full-time semesters of enrollment. Students are expected to earn 31 credits while enrolled at Columbia College.

The program is selective, and admission is based on the following factors:

1. Granting of the B.S. at SEAS at the end of the fourth year
2. The fulfillment of all Columbia College Core Curriculum requirements by the end of the fourth year at SEAS
3. Maintaining a minimum GPA of 3.0 in Columbia College Core courses as well as those courses counting toward the Columbia College major
4. Creating a plan to complete a Columbia College major or concentration by the end of their fifth year that is approved by the appropriate director of undergraduate studies.

For more information, students may contact their advising dean in the Berick Center for Student Advising, 403 Lerner.

THE GRADUATE SCHOOL OF ARTS & SCIENCES

The B.A./M.A. option allows Columbia College students to enroll in graduate-level courses at Columbia and apply the earned credit toward a Columbia M.A., assuming admission to the Graduate School of Arts and Sciences. Applicants interested in the B.A./M.A. option should apply at least two months prior to the semester in which they intend to begin taking courses that will count toward the M.A. Some academic programs have more specific application deadlines.

Coursework taken toward the B.A./M.A. option is subject to the following guidelines:

1. The credit for the coursework must be in excess of the 124 points required for the B.A. degree.
2. A course used to fulfill a requirement for the B.A. degree may not be counted toward graduate credit.
3. The student must obtain the approval of both the graduate department(s) offering the course(s) and the undergraduate department in which they are majoring or concentrating.

4. The maximum amount of graduate credit that an undergraduate can earn toward the M.A. degree requirement in the Graduate School of Arts & Sciences is 0.50 Residence Unit. For more information on the Residence Units for graduate programs, please consult the relevant website of the Graduate School of Arts & Sciences.

Students who are interested in pursuing the B.A./M.A. option must consult the director of graduate studies (DGS) or program director of their intended M.A. program before applying. This consultation is a required part of the application process and must take place before a B.A./M.A. application may be submitted.

THE JUILLIARD SCHOOL

Exceptionally talented Columbia College students have access to instrumental, composition, and voice instruction at The Juilliard School through two distinct programs.

The Cross-Registration Program

The Cross-Registration Program provides Columbia College students with the opportunity to enroll in weekly instrumental (classical and jazz), composition, and vocal instruction at The Juilliard School. Students must submit a formal application and audition successfully at Juilliard to be accepted into the Cross-Registration Program. Annual juries will be held at Juilliard at the end of each academic year, to determine that students are eligible to continue in the program. The Cross-Registration Program covers weekly instruction only; ensembles and classes at Juilliard are generally not open to participants in the Cross-Registration Program.

Applicants to the Cross-Registration Program may be incoming first-year students or continuing students in Columbia College, and they should submit a Juilliard Application for Admission, including pre-screening materials. Students in the cross-registration program may participate in the program for up to four years of study and have the option of applying to the joint B.A./M.M. program in their junior year.

The Joint B.A./M.M. Program

The joint degree program offers students the opportunity to earn a B.A. degree from Columbia and an M.M. degree from Juilliard in five years. Voice candidates may need six years of study to complete the program depending on preparation.

Columbia College students must have participated in the cross-registration program for at least one year to be eligible to apply to the joint degree program. There are no prerequisite courses required to qualify for admission to the joint program, but students considering the program are encouraged to complement their cross-registration instruction at Juilliard with music classes and participation in ensembles at Columbia.

College students apply to the joint degree program in their junior year. To be considered for the program, Columbia College students must have completed by the end of junior

year 94 points of coursework, including all Core Curriculum requirements and the major or concentration requirements for the B.A., and they must have participated in the cross-registration program for at least one year. If accepted to the joint degree program, students will become full-time graduate students at Juilliard in their fourth year and will be subject to Juilliard's financial aid policies. While it may be possible to complete 1-2 courses required for the B.A. degree at Columbia College in the fourth year, students must receive permission to do so from the College and will not be eligible for financial aid from Columbia College in that fourth year.

Eligible students should submit the Juilliard Application for Admission by the appropriate deadline. The pre-screening (if applicable) is waived, and live auditions are held at The Juilliard School in early March.

Students who wish to pursue the joint program should consult with Alex España, Associate Dean, in the Berick Center for Student Advising.

THE LAW SCHOOL

Accelerated Interdisciplinary Legal Education Program

The Accelerated Interdisciplinary Legal Education (AILE) Program provides Columbia College students with outstanding records the opportunity to earn a B.A. degree from Columbia College and a J.D. degree from Columbia Law School in six years.

To be eligible to apply, students must have enrolled in all six semesters of study for the B.A. from Columbia College on Columbia's New York campus (*i.e.*, students with semesters of transfer credit or study abroad credit, even from Columbia programs, are not eligible to apply to the joint program). Students must have completed by the end of junior year 93 points of credit toward the B.A., including all Columbia College Core Curriculum requirements and also the requirements for a major or concentration. In the fifth and sixth years of study (*i.e.*, the second and third years at the Law School), students must complete 12 points of coursework through the Graduate School of Arts and Sciences, and the coursework must have the prior approval of the student's pre professional adviser.

Interested students should submit an application in the spring of their junior year to the Office of Preprofessional Advising in the Berick Center for Student Advising. Columbia College may nominate one or two juniors each year for consideration, and the final admission determination is made by the Law School Admissions Committee. Prospective participants in this program must take the Law School Admission Test (LSAT) or Graduate Record Examination (GRE) no later than the February administration in the year of intended enrollment. After formal admission to the Law School, students are withdrawn from the College to become full-time Law School students in their fourth

year, and are subject to the financial aid and housing policies of the Law School from that point forward.

AILE students receive Columbia College and Law School degrees at the same time, at the end of six years. AILE students must apply for the B.A. degree the term before they expect to graduate. Students should inform their advising deans in the Berick Center for Student Advising of their plans to graduate in order to be considered for honors and Phi Beta Kappa.

For more information, students may contact Preprofessional Advising, 403 Lerner, 212-854-6378; preprofessional@columbia.edu.

THE MAILMAN SCHOOL OF PUBLIC HEALTH

The 4+1 program between Columbia College and Columbia School of Public Health is a dual degree program that offers students the opportunity to earn a Bachelor of Arts degree from Columbia College and a Master's in Public Health degree from the Mailman School of Public Health (Mailman) in five years.

Students accepted into the program spend the fall semester of their senior year taking the multidisciplinary Public Health Core Curriculum at Mailman, then complete their undergraduate coursework for the College's B.A. degree in the spring semester of their senior year. After graduation from the College, students in the program enroll full-time at Mailman and engage in coursework, thesis work, and a practicum. The practicum takes place in the summer following the academic year of coursework and thesis work at Mailman.

College students may apply to the program in their junior year. Applicants must have a minimum cumulative GPA of 3.5, and are expected to have taken at least one semester of calculus, statistics or other appropriate quantitative course. Particular M.P.H. disciplines – specifically, the Biostatistics program and the Environmental Health Sciences program – have additional prerequisites. More information, including application instructions, can be found on the Mailman website.

For more information, students may contact their advising dean in the Berick Center for Student Advising, 403 Lerner.

THE SCHOOL OF INTERNATIONAL AND PUBLIC AFFAIRS

The International Affairs Five-Year Program

The International Affairs Five-Year Program offers Columbia College students the opportunity to earn both a Bachelor of Arts degree and a Master's in International Affairs degree from the School of International and Public Affairs (SIPA) in five years.

Students apply to the program during their junior year through the School of International and Public Affairs Admissions Office. Admission to the joint program does not constitute admission to SIPA. Once admitted to the joint program, students complete their senior year at Columbia College, by

taking mostly graduate-level courses that are approved by SIPA to count toward the M.I.A. degree.

To be eligible for the program, students must have, by the end of their junior year, been enrolled in Columbia College for at least four semesters; completed a minimum of 93 credits; achieved competence in a modern foreign language; and completed all Columbia College Core Curriculum requirements. They also must have satisfied all major/concentration requirements, with the possible exception of two courses (i.e., needing no more than 6-8 credits to complete the major/concentration). These two courses toward the major or concentration may be taken during the senior year while completing 24 points of other coursework that will be accepted by SIPA. One 3-point course approved by SIPA may be taken in the junior year. It may be possible to take courses toward the M.I.A. degree during the summer between the junior and senior year with prior approval. To progress in the M.I.A. program in the fifth year, students must receive the B.A. from the College with a satisfactory GPA. Upon formal admission to SIPA after their senior year, students may apply for housing and financial aid through SIPA.

For more information, students may contact their advising deans in the Berick Center for Student Advising, 403 Lerner.

Public Policy and Administration Five-Year Program

The 4+1 program in Public Policy and Administration is a dual degree program that offers students the opportunity to earn a Bachelor of Arts degree from Columbia College and a Master's of Public Affairs degree from the School of International and Public Affairs in five years.

Interested students should apply during their junior year through the School of International and Public Affairs Admissions Office. Admission to the joint program does not constitute admission to SIPA. Once admitted to the joint program, students complete their senior year at Columbia College, by taking mostly graduate-level courses that are approved by SIPA to count toward the M.P.A.

To be eligible for the program, students must have, by the end of the junior year, been enrolled in Columbia College for at least four semesters; completed a minimum of 93 credits; achieved competence in a modern foreign language; completed all College Core Curriculum requirements. They also must have satisfied all major/concentration requirements, with the possible exception of two courses (i.e., needing no more than 6-8 credits to complete the major/concentration). These two courses toward the major or concentration may be taken during the senior year while completing 24 points of other coursework that will be accepted by SIPA. One 3-point course approved by SIPA may be taken in the junior year. It may be possible to take courses toward the M.P.A. degree during the summer between the junior and senior year, with prior approval. To progress in the M.P.A. program in the fifth year, students must receive the

B.A. from the College with a satisfactory GPA. Upon formal admission to SIPA after their senior year, students may apply for housing and financial aid through SIPA.

For more information, students may contact their advising dean in the Berick Center for Student Advising, 403 Lerner.

Please note: This Columbia College Bulletin page will be updated as information on exchange programs is confirmed. Thank you.

ACADEMIC HONORS, PRIZES, AND FELLOWSHIPS

DEAN'S LIST

During each academic term, students who have earned a minimum GPA of 3.6 or better in 12 or more points of letter credit in the preceding term are placed on the Dean's List.

The grade P is considered neutral when the averages are figured, and the dividing factor is reduced by the number of points taken for Pass credit. Students who have received grades of D, F, W (or UW pre-Spring 2014) during the term are not eligible for consideration. In any given semester, the mark of YC (year course) precludes the attainment of Dean's List status until the grade for the entire year's coursework is awarded. Students who receive the grade of IN (incomplete), **approved in advance** by the Committee on Academic Standing, are eligible for Dean's List only after all IN grades are changed to letter grades. Students who have been found responsible by the Office of Student Conduct and Community Standards for a violation of academic integrity will not be eligible for the Dean's List during the term of the sanction.

COLLEGE (LATIN) HONORS

The Bachelor of Arts degree will be awarded with honors in three categories (*cum laude*, *magna cum laude*, *summa cum laude*) to the top 25 percent of the graduating class. Honors are determined by an undergraduate student's cumulative GPA for all work at Columbia, with the top 5 percent of the graduating class being awarded *summa cum laude*, the next 10 percent being awarded *magna cum laude*, and the remaining 10 percent awarded *cum laude*.

College honors are the highest academic recognition awarded by the College. There is no separate consideration of honors for October or February graduates. The honor is officially noted on the diploma and transcript of students who have graduated. October and February graduates may ask the Registrar to add an honors notation to an already issued diploma.

Both academic standing and disciplinary standing are taken into consideration when awarding College honors.

VALEDICTORIAN AND SALUTATORIAN

The Committee on Honors, Awards, and Prizes reviews the academic records of the most exceptional students nominated by the faculty for Valedictorian and Salutatorian. Selection is based not on GPA alone, but on the breadth, depth, rigor of academic program, high quality of academic achievement,

departmental recommendations, and outstanding academic work beyond that which is required for the degree.

The Committee on Honors, Awards, and Prizes considers both academic standing and disciplinary standing within the College when awarding Valedictorian and Salutatorian.

DEPARTMENTAL HONORS

Departmental honors may be established and awarded by any Columbia College department or academic program, and is recorded on a student's final transcript. Students should consult with their [director of undergraduate studies](#) no later than the beginning of the first term of their senior year if they wish to be considered for departmental honors. Students who are awarded departmental honors are notified by their department in mid-May. Not all departments and programs offer departmental honors.

College guidelines for departmental honors include the following four criteria:

Departmental honors are awarded to no more than 10%, or, in small departments, one member, of the graduating majors (including all October, February, and May degrees);

A grade point average (GPA) of at least 3.6 in major courses is expected for a student to be considered for departmental honors;

An honors thesis or equivalent project of high quality should be required by each department or academic program in order to receive departmental honors;

Academic departments and programs consider both academic standing and disciplinary standing within the College when awarding departmental honors.

PHI BETA KAPPA

This academic society was founded in 1776 to recognize and celebrate friendship, morality, and learning. The Columbia College Delta chapter was formed in 1869. Each year, 10% of the senior class are inducted into [Phi Beta Kappa](#) by faculty who are members of the society. Two percent are elected in the fall and the other eight percent are elected in the spring. Selection is based not only on academic achievement, but also on evidence of intellectual promise, character, and achievement outside the classroom. Academic achievement is measured by strength and rigor of program, as well as by grades and faculty recommendations. Students may not apply for Phi Beta Kappa nor may they solicit faculty for recommendations.

As with graduation honors, October and February graduates are considered along with May graduates. Election to Phi Beta Kappa is noted on a student's transcript.

The faculty Phi Beta Kappa selection committee considers both academic standing and disciplinary standing within the College when electing new members to the society.

While prizes are typically awarded annually, they are done so at the discretion of the respective selection committees. Hence, should a selection committee decide, in a particular year, that there are no suitable candidates; the prize will not be awarded. Unless otherwise noted, these prizes are awarded to Columbia College students only.

GENERAL PRIZES

ALUMNI ASSOCIATION ACHIEVEMENT AWARD

(1947) A trophy, in the form of a Columbia lion, awarded annually to the member of the senior class who is judged to be most outstanding for qualities of mind, character, and service to the College.

ALUMNI PRIZE

(1858) Awarded annually by the Alumni Association to the senior judged by classmates to be the most faithful and deserving.

CHARLES H. BJORKWALL PRIZE

(1937) Established by Ottilie Emma Bjorkwall in memory of her brother, Dr. Charles H. Bjorkwall. Awarded annually to a member of the senior class for unselfish service to the College community.

EDWARD SUTLIFF BRAINARD MEMORIAL PRIZE

(1920) Established by Miss Phebe Sutliff in memory of her nephew, Edward Brainard Sutliff, CC'21. Awarded annually to the member of the graduating class who is judged by classmates to be most worthy of distinction for qualities of mind and character.

JAMES CHRISTOPHER CARALEY MEMORIAL PRIZE

(1984) Established in memory of James Christopher Caraley, 1959–1979, CC'81, by his family and friends. Awarded annually to that member of the junior class who has demonstrated the greatest commitment to the value of preservation of the natural environment or of world peace and order.

ROBERT LINCOLN CAREY MEMORIAL PRIZE

(1967) A trophy, in the form of a lion, awarded annually by the Alumni Association to the senior who, through a combination of leadership qualities as exercised in the non-athletic extracurricular program of Columbia College and outstanding achievement in the academic program of the College, best exemplifies the ideals that Robert Lincoln Carey sought to engender in the students of Columbia College.

STANLEY I. FISHEL/ZETA BETA TAU PRIZE

Established in honor of Stanley I. Fishel, CC'34, who was president of ZBT while at Columbia and later national president, and who believed in the important role fraternities can play in the development of undergraduates. Awarded to an undergraduate fraternity member who has demonstrated leadership, academic achievement, and participation in athletics or other campus activities.

RICHARD H. FOX MEMORIAL PRIZE

(1927) Established by Mr. and Mrs. Leon S. Fox in memory of their son, Richard H. Fox, CC'21. Awarded to the senior who, in the judgment of the King's Crown Advisory Committee, has shown to the College the greatest interest and helpfulness. The student must have participated in some nonathletic activities and must be one who combines intelligence with a kindly interest in his or her fellows.

ROBERT SHELLOW GERDY PRIZE

(1969) Established by Mr. and Mrs. Irving Gerdy in memory of their son, Robert Shellow Gerdy, CC'39. Awarded to that member of the graduating class who, throughout the undergraduate years, has made a significant contribution as a member of the staff of one or more College student publications, especially Jester, Columbia Review, and Spectator.

ROBERT HARRON AWARD

(1972) Established by his friends in memory of Robert Harron. Awarded annually to a member of the junior class for qualities of grace and generosity.

KING'S CROWN AWARD

(1916) Gold and silver insignia in the form of King's Crowns, each distinguished by a device symbolic of a particular activity, awarded annually by the King's Crown Advisory Committee in recognition of significant participation in any activity under its jurisdiction. Conferred each spring on the basis of written nominations solicited from the governing board of each eligible organization.

MILCH PRIZE

(1948) Established by Dr. and Mrs. Henry Milch. Awarded annually to the member of the junior class who, by leadership in extracurricular as well as scholastic activities, has, in the judgment of teachers and classmates, done the most to enhance the reputation of Columbia College.

LEONARD A. PULLMAN MEMORIAL PRIZE

(1965) A certificate and the inscription of the student's name on a plaque in Alfred Lerner Hall, awarded annually to a member of the senior class who displays those qualities of outstanding scholarship and significant service to the College exemplified in the life of Leonard Pullman, CC'62. The recipient must occupy a position of responsibility in a nonathletic Columbia College activity.

CHARLES M. ROLKER, JR. PRIZE

(1909) Established by Mrs. C. M. Rolker in memory of her son, Charles M. Rolker, Jr., CC 1907. Awarded annually to the member of the graduating class who is judged by classmates to be most worthy of special distinction because of scholarship, participation in student activities, or in any combination thereof.

VAN AM PRIZE

(1925) Established by the Class of 1898 on the occasion of its twenty-fifth anniversary. Awarded to the member of the sophomore class who is most distinguished for service, character, and courtesy in relations with faculty members,

fellow students, and visitors. A donation is presented to the student activity of the winner's choice.

GENERAL ACADEMIC PRIZES

ALBERT ASHER GREEN MEMORIAL PRIZE

(1913) Established by Mr. and Mrs. Asher Green in memory of their son, Albert Asher Green, CC 1914. Awarded to the senior who has been a student in good standing in the College for at least three years and who has made the best record of scholarship.

DAVID B. TRUMAN ALUMNI AWARD

(1970) Established in honor of David B. Truman, former Dean of the College, this award acknowledges the Columbia College student who has made the most distinguished contribution to the academic affairs of the College.

PRIZES IN THE CORE CURRICULUM

JOSHUA A. FEIGENBAUM PRIZE IN LITERATURE HUMANITIES

(2004) Established by Joshua Feigenbaum and awarded to a student who is judged by the faculty to have exhibited excellence in Literature Humanities.

WALLACE A. GRAY PRIZE IN LITERATURE HUMANITIES

(2004) Established in memory of the late Professor Wallace Gray and awarded annually to the Columbia College undergraduate who is judged by the faculty to have written the best essay in Literature Humanities.

DEAN HAWKES MEMORIAL PRIZE IN THE HUMANITIES

(1943) Established by a committee of the Class of 1943 in memory of Dean Herbert E. Hawkes. Awarded annually to the member of the junior class who is judged to be the most deserving on the basis of work in the humanities.

JONATHAN THRONE KOPIT PRIZE IN LOGIC AND RHETORIC

(1997) Established by Mrs. Ina Cohen in memory of her husband, Jonathan Throne Kopit, CC'68. Awarded annually to the Columbia College student who, in the opinion of the departmental committee, has made the most significant progress in University Writing.

JAMES P. SHENTON PRIZE IN CONTEMPORARY CIVILIZATION

(2004) Established by the Committee on the Core and the Office of the Dean of the College in memory of Professor James P. Shenton, CC'49 and GSAS'55. Awarded annually to the Columbia College undergraduate who is judged by the faculty to have written the best essay in Contemporary Civilization.

PRIZES IN THE HUMANITIES

DINO BIGONGIARI PRIZE

(1954) Established by the former students and friends of Professor Dino Bigongiari, awarded annually to the senior who has written an outstanding essay on Italian civilization or whose work in the regular Italian courses is judged most worthy of distinction.

BUNNER PRIZE

(1896) Established by friends of the late Henry Cuyler Bunner. Awarded to the candidate for a degree in Columbia University who has submitted the best essay on a topic dealing with American literature. The topic to be selected in connection with course or seminar work in American literature and approved by the chairman of the Bunner Prize Committee.

DOUGLAS GARDNER CAVERLY PRIZE

(1994) Established in memory of Douglas Gardner Caverly, CC'68, by his family and friends, and awarded for outstanding performance by a graduating major in Classics.

DEUTSCHER VEREIN PRIZE IN GERMAN

(1917) Awarded annually to the junior or senior who submits the winning essay on a prescribed topic in German literature.

EARLE PRIZE IN CLASSICS

(1907) Established in memory of Mortimer Lamson Earle, CC 1886, lecturer and professor in the Department of Classics. Awarded for excellence in sight translation of passages of Greek and Latin. Only candidates for the degree of Bachelor of Arts may compete.

JAMES GUTMANN PRIZE IN PHILOSOPHY

(1987) Established in honor of James Gutmann, this prize is awarded to a graduating Columbia College senior in Philosophy who plans to pursue graduate work in the field.

ADAM LEROY JONES PRIZE IN LOGIC

(1934) Established by Mrs. Adam Leroy Jones in memory of her husband, who was Associate Professor of Philosophy and Director of University Admissions, 1909–1934. Awarded to a student in the College for the best essay on any topic in the philosophy of science or in the foundation of logic. It may be either a topic connected with seminar work in the Department of Philosophy or one approved by the Jones Prize Committee.

HELEN AND HOWARD R. MARRARO PRIZE

(1972) Established in honor of Professor Howard R. Marraro. Awarded to an undergraduate of high academic distinction and promise in an area of study concerned with Italian culture, including art, music, comparative literature, history, economics, government, or in any other academic discipline.

BENJAMIN F. ROMAINE PRIZE FUND

(1922) Gift of Benjamin F. Romaine to provide an annual prize for proficiency in Greek language and literature.

ERNEST STADLER PRIZE FOR THE EXCELLENCE IN THE STUDY OF CLASSICAL ANTIQUITY

(2006) Established by Dr. Richard A. Brooks, CC'53, and Dr. Eva Stadler Brooks, BC'53, in memory of Dr. Stadler Brooks'

father, Ernest Stadler, who had a life-long commitment to the study of classical antiquity. The prize may be awarded annually to a graduating senior of Columbia College who is judged by the faculty to have demonstrated academic excellence through coursework and the writing of a senior essay on some aspect of the history or culture of the classical world.

PRIZES IN THE SOCIAL SCIENCES

CHARLES A. BEARD PRIZE IN POLITICAL SCIENCE

(1963) Established by the Honorable Albert Levitt. Awarded to the student who writes the best paper in political science during the academic year.

CARL B. BOYER MEMORIAL PRIZE

(1978) Established by Mrs. Carl B. Boyer in memory of her husband. Awarded annually to the Columbia undergraduate who writes the best essay on any topic in the history of science or mathematics as judged by a faculty committee.

SHANLEY & CHAMBERLAIN PRIZE

(2019) Annual award for best undergraduate essay in the areas of the American presidency, Congress, or public policy.

CHANLER HISTORICAL PRIZE

(1877) Established at the bequest of J. Winthrop Chanler, CC 1847. Awarded to the senior who submits the best essay on a topic dealing with the history of civil government in America. The topic to be selected in conjunction with seminar work in one of the social science departments and approved by the chairperson of the Chanler Prize Committee.

TARAKNATH DAS FOUNDATION AWARD

(1957) Awarded annually to a student in Columbia College, the School of General Studies, or Barnard College for excellence in Asian studies, particularly in the history and culture of India.

ALBERT MARION ELSBERG PRIZE

(1912) Established by Mrs. Albert Elsberg in memory of her son, Albert Marion Elsberg. Awarded to a student with sophomore, junior, or senior standing who has demonstrated excellence in modern history.

SANFORD S. PARKER PRIZE

(1980) Funded by the family and friends in memory of Sanford S. Parker, CC'37. Awarded to a Columbia College senior going on to graduate study in economics who shows promise of doing original work and has already demonstrated boldness of thought and a commitment to excellence, whose interests are wide, heart kind, and spirit generous.

CAROLINE PHELPS STOKES PRIZE

(1910) Established at the bequest of Caroline Phelps Stokes. Awarded to a student who has been a degree candidate for at least one academic year at Columbia College or Barnard College, and who has written the best essay on any topic concerning the rights of man. The topic to be selected in connection with course or seminar work and approved by the Stokes Prize Committee.

ALAN J. WILLEN MEMORIAL PRIZE

(1968) Established by classmates and friends of Alan J. Willen, CC'64, in his memory. Awarded to the Columbia College student who writes the best seminar paper on a contemporary American political problem. The selection is made jointly by representatives of the Departments of History and Political Science.

MYRA KRAFT PRIZE FOR SUPERIOR ACADEMIC ACHIEVEMENT IN THE STUDY OF HUMAN RIGHTS

(2013) Established to honor the memory of Myra Kraft, beloved wife of Robert Kraft, CC'63 and Trustee Emeritus, this prize is awarded to the Columbia College student majoring in Human Rights who has the highest grade point average and a superior record of academic achievement in Human Rights.

PRIZES IN THE NATURAL AND PHYSICAL SCIENCES

ALFRED MORITZ MICHAELIS PRIZE

(1926) Established by Mrs. Jeanette Michaelis in memory of her son, Alfred Moritz Michaelis, CC 1920. Awarded to the member of the graduating class who has completed with the most proficiency the sequence of courses in physics that corresponds most nearly to the sequence given by the late Professor George V. Wendell.

PROFESSOR VAN AMRINGE MATHEMATICAL PRIZE

(1910) Established by George G. DeWitt, CC 1867. Awarded to three College students (a first-year, a sophomore, and a junior) who are deemed most proficient in the mathematical subjects designated during the year of the award.

JOHN DASH VAN BUREN, JR. PRIZE IN MATHEMATICS

(1906) Established by Mrs. Louise T. Hoyt in memory of her nephew, John Dash Van Buren, Jr., CC 1905. Awarded to the degree candidate who writes the best examination on subjects prescribed by the Department of Mathematics.

PRIZES IN THE CREATIVE AND PERFORMING ARTS

SEYMOUR BRICK MEMORIAL PRIZE

(1969) Established by Mrs. Seymour Brick and her son, Richard, in honor of their husband and father, Seymour Brick, CC'34. Awarded to the Columbia College student who submits the best one-act or full-length play as judged by the Department of English and Comparative Literature.

KAREN OSNEY BROWNSTEIN WRITING PRIZE

(1991) Established by Neill H. Brownstein, CC'66, in memory of Karen Osney Brownstein. Awarded to a graduating senior in Columbia College who has written a single piece or a body of work so distinguished in its originality of concept and excellence of execution that it fairly demands the award, support, and recognition the prize intends.

GEORGE WILLIAM CURTIS PRIZE

(1902) Established by the late Samuel Putnam Avery, CC 1896, an associate of George William Curtis. Awarded to students in the College for excellence in the public delivery of English orations.

ROBERT W. GOLDSBY FUND

(2019) Awarded to the Columbia College student who demonstrates excellence in the dramatic arts.

PHILOLEXIAN CENTENNIAL WASHINGTON PRIZE

(1902) Gift of J. Ackerman Coles, CC 1864. Awarded once every four years to the student in the college who shall be deemed most worthy, upon delivery of an original address on a subject concerning public affairs.

PHILOLEXIAN PRIZE FUND

(1904) A gift of the Philolexian Society, the income from which shall be used for prizes in Columbia College for debating, essays, short stories, and poetry.

AUSTIN E. QUIGLEY PRIZE

(2010) The Austin E. Quigley prize for outstanding artistic and intellectual achievement may be awarded to a Columbia College senior majoring in Drama and Theatre Arts. Named in honor of Columbia College's dean from 1995-2009, the prize is funded by Nobel Laureate Richard Axel, CC '67 and University Professor of Biochemistry and Molecular Biophysics.

THE LOUIS SUDLER PRIZE IN THE ARTS

(1983) Awarded annually to a senior who, in the opinion of the Faculty, has demonstrated excellence of the highest standards of proficiency in performance or execution or in the field of composition in one of the following general areas of performing and creative arts: music, theatre, painting, sculpture, design, architecture, film or dance.

VAN RENSSELAER PRIZE

(1926) Gift of Maximilian Foster. Awarded to the candidate for a degree in Columbia University who is the author of the best example of English lyric verse. Material must be submitted to the Department of English and Comparative Literature by April 1.

GEORGE EDWARD WOODBERRY PRIZE

(1935) Established by the Woodberry Society of New York. Awarded every second year to an undergraduate student in Columbia University for the best original poem.

DEPARTMENT PRIZES**African American and African Diaspora Studies**

ELLA BAKER AWARD FOR OUTSTANDING ACADEMIC ACHIEVEMENT

RALPH JOHNSON BUNCHE AWARD FOR LEADERSHIP AND SERVICE

Art History and Archaeology

SENIOR THESIS PRIZE IN ART HISTORY AND ARCHAEOLOGY

Biological Sciences

THE BRIDGES AND STURTEVANT PRIZE IN BIOLOGICAL SCIENCES

CHARLES A. HUEBSCHMANN PRIZE

Center for the Study of Ethnicity and Race

CSER AWARD FOR ACADEMIC EXCELLENCE

CSER AWARD FOR BEST THESIS

Chemistry

BRIAN BENT AWARD

RICHARD BERSOHN PRIZE

THOMAS J. KATZ PRIZE

Comparative Literature and Society

CATHERINE MEDALIA JOHANNET MEMORIAL PRIZE IN COMPARATIVE LITERATURE AND SOCIETY

Computer Science

THEODORE R. BASHKOW AWARD

COMPUTER SCIENCE DEPARTMENT AWARD

JONATHAN L. GROSS AWARD FOR ACADEMIC EXCELLENCE

ANDREW P. KOSORESOW MEMORIAL AWARD FOR EXCELLENCE IN TEACHING AND SERVICE

RUSSELL C. MILLS AWARD

Creative Writing

ELLIS AVERY PRIZE FOR CREATIVE WRITING

Drama and Theatre Arts

DASHA AMSTERDAM EPSTEIN AWARD IN PLAYWRITING

DESIGN AND PRODUCTION AWARD IN THEATRE

Earth and Environmental Sciences

WALTER PITMAN SENIOR THESIS AWARD

Economics

ROMINE PRIZE

English and Comparative Literature

ACADEMY OF AMERICAN POETS POETRY PRIZE

CHARLES PATERNO BARRATT-BROWN MEMORIAL PRIZE

ARTHUR E. FORD POETRY PRIZE

JOHN VINCENT HICKEY PRIZE

Film and Media Studies

PAT ANDERSON PRIZE IN FILM REVIEWING

GUY GALLO MEMORIAL AWARD IN SCREENWRITING

ANDREW SARRIS MEMORIAL AWARD FOR FILM CRITICISM

French and Romance Philology

PROMISE IN FRENCH STUDIES

SENIOR FRENCH PRIZE

History

CHARLES A. BEARD PRIZE IN HISTORY

FACULTY SPECIAL PRIZE

LILY PRIZE IN HISTORY

GARRETT MATTINGLY PRIZE

UNDERGRADUATE EDUCATION COMMITTEE PRIZE

Latin American and Iberian Cultures

SUSAN HUNTINGTON VERNON PRIZE

Music

CHARLES S. MILLER AWARD

DOUGLAS MOORE PRIZE

BORIS AND EDNA RAPPOPORT PRIZE

Philosophy

DAVID H. SIFF PHILOSOPHY OF SCIENCE AWARD

Political Science

THE PHYLLIS STEVENS SHARP FELLOWSHIP IN AMERICAN POLITICS

Religion

PETER AWN UNDERGRADUATE PAPER PRIZE

Slavic Languages

THE AMERICAN COUNCIL OF TEACHERS OF RUSSIAN SCHOLAR LAUREATE AWARD

ROBERT A. MAGUIRE PRIZE IN SLAVIC STUDIES

PUSHKIN POETRY PRIZE

Sociology

GRANT SQUIRES PRIZE IN SOCIOLOGY

Sustainable Development

STUART GAFFIN AWARD FOR LEADERSHIP AND ENGAGEMENT

Women, Gender, and Sexuality Studies

FEMINIST TO THE CORE ESSAY PRIZE

QUEER STUDIES AWARD

WOMEN'S AND GENDER STUDIES ESSAY PRIZE

FELLOWSHIPS FOR GRADUATE STUDY

HARRY J. CARMAN FELLOWSHIP

(1949) Established by friends and former students of Harry J. Carman GS 1919, former dean of Columbia College, this fellowship is awarded annually to a Columbia College senior who exhibits intellectual promise for advanced study.

JARVIS AND CONSTANCE DOCTOROW FELLOWSHIP

(2005) Established by the Jarvis and Constance Doctorow Foundation, this fellowship is awarded annually to a Columbia College senior for one year of study at St. Edmund Hall, Oxford University.

HENRY EVANS TRAVELLING FELLOWSHIP

(1928) Established by Mrs. Henry Evans in memory of her husband, Henry Evans CC 1881, this fellowship is awarded annually to graduating seniors at Columbia College who are planning to undertake a research project of a creative nature that requires travel rather than formal graduate study.

HOLTHUSEN-SCHINDLER ENDOWMENT FUND

(2000) Established through a bequest from the estate of Lenore S. Holthusen GS'51, the widow of Hen Holthusen CC 1915, LAW 1917, this scholarship is awarded to graduates of Columbia College who continue their education at Columbia Law School.

EURETTA J. KELLETT FELLOWSHIPS

(1932) Established through a bequest from the estate of Eurette Jane Schlegel, this fellowship is awarded to Columbia College seniors who have shown exceptional proficiency in the study of liberal arts for one or two consecutive years of study at Oxford University or Cambridge University.

SPECIAL UNDERGRADUATE FELLOWSHIPS

COLUMBIA COLLEGE SCIENCE SCHOLARSHIP

(2018) Awarded to outstanding undergraduate sophomores majoring in biology, chemistry, chemical physics, biophysics, or neuroscience and behavior for summer undergraduate research in one of the labs of the Columbia College Science Scholars faculty.

BEESEN GLOBAL EXPERIENCE TRAVEL FELLOWSHIPS

(2015) Established by Charles F. Beesen LS'58, this fellowship is awarded annually to undergraduate students of Columbia College and Barnard who are not native speakers of French for summer study abroad in Paris.

THE CLASS OF 1939 SUMMER RESEARCH FELLOWSHIP

(1989) Established by the Class of 1939 in honor of the 50th anniversary of their graduation, this fellowship grants students the opportunity to pursue their intellectual goals, gain valuable research experience, and cultivate stronger relationships with faculty members.

HARVEY KRUEGER GLOBAL EXPERIENCE FELLOWSHIP

Established by Harvey M. Krueger CC'51, LAW'53, this fellowship is awarded to Columbia College students for study abroad or independent research projects in Israel or Poland.

HERBERT DERESIEWICZ SUMMER RESEARCH FELLOWSHIP

(2011) Established by Robert Leslie Deresiewicz CC'79, P: CC'13, CC'16, in memory of his father Herbert Deresiewicz SEAS'48, SEAS'52, P: CC'79, CC'85, BC'78, GSAS'90, GSAS'93, GSAS'98, JRN'87, PT'79, a long time SEAS faculty member and department chairman who held a deep and abiding love for undergraduate teaching. This fellowship is awarded to a Columbia College or SEAS student for full-time laboratory research on the Morningside Heights campus in biological sciences, biomedical engineering, chemistry or chemical engineering.

INTERNATIONAL AFFAIRS FELLOWSHIP FUND

(2019) Established by an anonymous donor, this fellowship is awarded to Columbia College juniors majoring in political science proposing summer research focusing on international relations, human rights, or regional studies.

SOLOMON AND SEYMOUR FISHER CIVIL LIBERTIES FELLOWSHIP

(1989) Established by Solomon Fisher, CC'36, LAW'38, P: CC'62, GSAS'68 and Seymour Fisher, CC'45, this fellowship is awarded annually to a Columbia College student for work during the summer at the Legal Department of the American Civil Liberties Union National Office in New York City.

KLUGE FELLOWS SUMMER RESEARCH GRANT

(1988) Established by John Kluge, CC'37, P: CC'05 this fellowship . Administered by the Columbia University Scholars Program (CUSP) Summer Enhancement Fellowships, grants are awarded competitively to students from underrepresented groups for independent research project during the summer under the sponsorship of a faculty member. The application process includes a series of seminars and workshops.

RICHARD LEWIS KOHN TRAVELLING FELLOWSHIP

(1959) Established in memory of Richard Lewis Kohn CC'60 from gifts of various donors, this fellowship is awarded annually to a Columbia College student for study during the junior year in Great Britain.

MYRA KRAFT PRIZE FOR EXCEPTIONAL PRACTICAL EXPERIENCE IN HUMAN RIGHTS ADVOCACY

(2013) Established by Robert Kraft CC'63, P: CC'94, in memory of his wife Myra Kraft P: CC'94, this prize is awarded to the rising Columbia College senior majoring in human rights for a summer or one-term human rights internship.

NICHOLAS LUBAR AND FAMILY PRIZE

(2019) Established by Nicholas R. Lubar CC'73, this prize is awarded to Columbia College students for summer research in the field of Latin American politics or policy-making related to economic development and improved standards of living within Latin America and the Caribbean nations.

MELLON MAYS UNDERGRADUATE FELLOWSHIP

(1996) Awarded in the spring semester of the sophomore year to minority students, and other undergraduates with a demonstrated commitment to racial diversity, who wish to pursue a Ph.D. and whose intellectual and social commitments embody those of the late Dr. Benjamin Mays. The fellowship is for a two-year academic enhancement program funded by the Andrew W. Mellon Foundation.

NOBUHISA AND MARCIA ISHIZUKA GLOBAL FELLOWSHIP IN EAST ASIAN STUDIES

(2015) Established by Nobuhisa Ishizuka CC'82, LAW'86 this fellowship is awarded annually to a Columbia College student for an international experience studying Japanese language and culture.

PRESIDENTIAL GLOBAL FELLOWSHIP

(2014) Established by President Lee C. Bollinger, the fellowship is awarded to first-year undergraduates (CC, SEAS, GS) for participation in global engagement opportunities.

SANFORD S. PARKER PRIZE SUMMER FELLOWSHIPS

(1980) Funded by the family and friends of Sanford S. Parker CC'37. Awarded to Columbia College juniors in order to conduct summer research projects. Recipients will show promise of doing original work, and demonstrate boldness of thought and a commitment to excellence.

**RICHARD AND BROOKE KAMIN RAPAPORT
SUMMER MUSIC PERFORMANCE FELLOWSHIP**

(1993) Established by Brooke Kamin Rapaport and Richard A. Rapaport CC'69, P: CC'22, this music fellowship is awarded to Columbia College students who are particularly gifted in musical performance, composition or conducting.

**EDWIN ROBBINS ACADEMIC RESEARCH
AND PUBLIC SERVICE FELLOWSHIP**

(1991) Established by Edwin Robbins, CC'53, LAW'55, P: LAW'88, this fellowship is awarded each summer to four Columbia College students majoring in political science or history who intend to conduct research into important political or policy making matters, or who will be working as interns, without compensation, in a governmental office, agency, or other public service organization.

ARTHUR ROSE TEACHING ASSISTANTSHIP

(1958) Established by Mr. and Mrs. Bennett Rose in memory of their son, Arthur Rose. This fellowship is awarded to a senior in Columbia College who is to assist the work of a member of the faculty in one of the departments that contribute to the courses in Contemporary Civilization and the Humanities.

**THE PHYLLIS STEVENS SHARP FELLOWSHIP IN
AMERICAN POLITICS**

(2005) Established by John Stevens Sharp CC'79, GSAS'80, GSAS'82, this fellowship is awarded to Columbia College students majoring in political science for research in American politics or policy making or uncompensated internships in a government office, agency, or other organization serving the public.

**SUMMER UNDERGRADUATE RESEARCH
FELLOWSHIP**

Awarded to undergraduate students for hands-on biology related laboratory research on either the Morningside campus or in the biomedical labs at Columbia's Health Sciences. The fellowship provides for one summer of full time research.

**RICHMOND B. WILLIAMS TRAVELLING
FELLOWSHIP**

(1988) Established through a bequest from the estate of Richmond B. Williams CC'1925, JRN'1925, this fellowship is awarded to Columbia College juniors majoring in English for a summer research project requiring foreign travel.

YATRAKIS SUMMER RESEARCH FELLOWSHIP

(2019) Established in honor of Kathryn B. Yatrakis GSAS'76, GSAS'81, P: CC'94, CC'96, CC'05 by her family, this fellowship is awarded to Columbia College students for summer research in urban studies.

(1981) Established by the Class of 1954, this fund enables students and faculty to jointly experience cultural events through the Urban New York Program.

**ARNOLD I. KISCH, M.D., AND VICTORIA L.
J. DAUBERT, PH.D FUND FOR STUDENTS TO
EXPERIENCE OPERA IN N.Y.C.**

(1993) Created for students to experience opera in New York City within the Urban New York Program.

SPECIAL ENDOWMENTS**CLASS OF 1954 URBAN NEW YORK PROGRAM
ENDOWMENT**

STANDARDS AND DISCIPLINE

As members of the Columbia University community, all Columbia College students are expected to uphold the highest standards of integrity, civility, and respect. Students are therefore expected to conduct themselves in an honest, civil, and respectful manner in all aspects of their lives. Students who violate these standards of behavior interfere with their ability, and the ability of others, to take advantage of the full complement of University life, and are subject to Dean's Discipline.

The continuance of each student upon the rolls of the University, the receipt of academic credits, the confirmation of graduation, and the conferral of any degree or the granting of any certificate are strictly subject to the disciplinary powers of the University. Ultimate authority on matters of students' discipline is vested in the Trustees of the University, which is delegated to the Dean of Columbia College and his staff, who establish standards of behavior for Columbia College students beyond the regulations included in the Statutes of the University, and who define procedures by which discipline will be administered.

A full list of behavioral and academic violations can be found through [Student Conduct and Community Standards](#).

BEHAVIORAL STANDARDS

University policy regarding behavior standards have been developed for the purposes of maintaining a safe and healthy educational environment. Categories of prohibited conduct include, but are not limited to, the following:

- Access/Egress, Unauthorized
- Alcohol, Prohibited use of
- Collusion
- Columbia University Identification Card, Prohibited use of
- Columbia Identity (or affiliated organizations), Unauthorized use of
- Copying and/or Distribution, Unauthorized
- Disruptive Behavior
- Endangerment
- Failure to Comply
- Falsification
- Federal, State or Local laws, Violation of
- Fire Safety Policies, Violation of
- Harassment
- Hazing
- Illegal Drugs Policy, Violation of
- Information Technologies Policies, Violation of

- Retaliation
- Smoking Policy, Violation of University
- Surveillance/Photography, Unauthorized
- Theft
- University Policies, Violation of
- Vandalism/Damage to Property
- Weapons

Violations of the policies regarding the above categories will be subject to Dean's Discipline.

ACADEMIC INTEGRITY

A Columbia College education has two complementary elements: the intellectual development of bodies of knowledge and habits of mind, and the overall development of moral character and personal ethics. These elements are supported by a commitment to academic integrity.

Academic integrity defines an intellectual community and its educational mission. As members of the intellectual community of Columbia College, students are expected to respect and acknowledge the intellectual work of others and denote clearly how their own work relates to that of others.

Violating the standards of academic integrity severely inhibits a student's opportunity to mature academically, professionally, and socially. Consequently, a violation of academic integrity is one of the most serious offenses a student can commit at the University.

Violations of academic integrity may be intentional or unintentional and can include, but are not limited, to:

- Academic Dishonesty, Facilitation of
- Assistance, Unauthorized
- Bribery
- Cheating
- Collaboration, Unauthorized
- Dishonesty
- Ethics, Honor Codes, and Professional Standards, Violation of
- Failing to Safeguard Work
- Giving or Taking Academic Materials, Unauthorized
- Obtaining Advanced Knowledge
- Plagiarism
- Sabotage
- Self-Plagiarism
- Test Conditions, Violation of

ACADEMIC INTEGRITY IN THE VIRTUAL AND HYBRID CLASS ENVIRONMENT

The Columbia undergraduate classroom, whether real or virtual, is a vital and dynamic space for learning, sustained

by the expectation that the class experience is shared only by participants in the course. The free and respectful exchange of ideas is the foundation of teaching and learning and can occur only if all course participants agree as a matter of academic integrity (subject to standard penalties) to respect the guidelines established below.

To support and sustain the class experience, the Columbia undergraduate Committee on Instruction sets forth the following expectations, pertaining both to course materials and to course meetings:

- Course materials, including handouts, readings, slides, and attendant materials must not be broadly shared, distributed, or sold outside the course environment (including on social media) without permission of the instructor. They must be understood as the product of instructors' intellectual work, and treated as their property.
- The contents of class discussion and breakout rooms may not be circulated outside the classroom, in whole or in part, for non-educational purposes (e.g., on social media) or outside the Columbia community. Students are expected to respect the complex dynamics of class discussion and use discretion when repeating the ideas of others outside of the classroom. The audio and visual recordings of class discussion and breakout rooms belong to the course participants and must be understood in the context of the course. This is especially crucial to protect the identity of speakers; in certain circumstances, failure to do so could be a form of bullying and could endanger course participants.
- Recordings of class sessions must not be shared, in whole or in part, with those outside the class. Students are not permitted to record any portion of class sessions without the explicit consent of the instructor.

comprehensive list of policies and expectations available on the [Student Conduct and Community Standards](#) website.

DEAN'S DISCIPLINE OVERVIEW

It is expected that all students act in an honest way and respect the rights of others at all times. Dean's Discipline is the process utilized by Columbia College to investigate and respond to allegations of behavioral or academic misconduct. The Dean's Discipline process aims to educate students about the impact their behavior may have on their own lives as well as on the greater community and, as a result, is not meant to be an adversarial or legal process.

The process is initiated when an allegation is reported that a student has violated Columbia College or University policies. Students may be subject to Dean's Discipline for any activity that occurs on or off campus that impinges on the rights of other students and community members. This also includes violations of local, State, or Federal laws.

[Student Conduct and Community Standards](#) is responsible for all disciplinary affairs concerning Columbia College students that are not reserved to some other body.

Columbia College students are expected to familiarize themselves with *Standards and Discipline* and the

COLUMBIA UNIVERSITY POLICIES

Since policies and procedures are subject to change, please check the [Columbia University website](#) for the most current information.

RESERVATION OF UNIVERSITY RIGHTS

This Bulletin is intended for the guidance of persons applying for or considering application for admission to Columbia College of Columbia University and for the guidance of Columbia students and faculty.

In general, the Bulletin sets forth the manner in which the University intends to proceed with respect to the matters set forth herein, but the University reserves the right to depart without notice from the terms of this Bulletin. The Bulletin is not intended to be, and should not be, regarded as a contract between the University and any student or other person.

Valuable information to help students, faculty, and staff understand some of the policies and regulations of the University can now be found in [University Policies](#), which includes information on the following:

- Additional Policy Sources for the Columbia Community
- Central Administration of the University's Academic Programs
- Consumer Information
- Crime Definitions in Accordance with the Federal Bureau of Investigation's Uniform Crime Reporting Program
- Essential Resources:
 - Campus Safety and Security
 - Disability Services
 - Ombuds Office
 - Transcripts and Certifications
- FERPA - Policy on Access to Student Records under the Federal Family Educational Rights and Privacy Act (FERPA) of 1974, as Amended
- Gender-Based Misconduct Policies for Students
- Information Technology Policies
- International Travel Planning Policy
- Involuntary Leave of Absence Policy
- Military Leave of Absence Policy
- Non-Retaliation Policy
- Policies on Alcohol and Drugs

- Policies and Procedures on Nondiscrimination and Harassment
- Policy on Partisan Political Activity
- Protection of Minors
- Social Security Number Reporting
- Student Email Communication Policy
- University Event Policies
- University Regulations (Including Rules of University Conduct)
- Use of Hoverboards on University Campus and Property
- Use of Unmanned Aircraft Systems on University Campus and Property
- Voluntary Leave of Absence Policy
- Involuntary Leave of Absence Policy

POLICY ON ACADEMIC CONCERNS, COMPLAINTS, AND GRIEVANCES

Columbia University is committed to fostering intellectual inquiry in a climate of academic freedom and integrity. Its members, students, and faculty alike, are expected to uphold these principles and exhibit tolerance and respect for others. The following procedures are part of a process to ensure that student concerns about experiences in the classroom or with faculty are addressed in an informed and appropriate manner.

Please note that this policy is meant to address any potential concerns about a faculty member's *professional conduct and behavior* toward students in the classroom or in other instructional settings. Potential concerns about *grades awarded by a faculty member* are covered by a separate policy, which can be found on the College's website under "Academics".

Columbia believes that both students and faculty have the right to express their views freely, within an atmosphere of tolerance and civility. Faculty may present students with ideas and interpretations that surprise, and even offend them. But they must do so in an environment that is open to divergent views. Faculty, of course, must not discriminate on the basis of race, gender, sexual orientation, disability, religion, or other inappropriate categories.

The University offers several avenues of assistance to students who feel that their professors have not lived up to these responsibilities. These range from informal counseling and mediation to formal grievance processes. It is a violation of University policy to retaliate against any student who brings a grievance procedure in good faith.

The Ombuds Office. When students encounter problems that they feel they cannot discuss with their professors, they may, instead, turn to the University Ombuds Office -- <http://ombuds.columbia.edu> -- for information, clarification of University policies, and confidential advice. The Ombuds Officer may refer students to other offices for further assistance or engage in informal mediation at the request of students. The

Ombuds Officer does not have the authority to conduct formal investigations.

Deans and Department Chairs. Students may also approach the chair of the department in which their course is given for advice and assistance in resolving problems with individual faculty. If they are not satisfied with the assistance they receive or consider the chair to be part of the problem, they may seek assistance from the dean of the School within which they are enrolled or the dean or vice president overseeing the School within which the course is offered. The deans and vice presidents are authorized to conduct formal investigation of student complaints against their professors and, when they consider it appropriate, provide relief to the student or impose sanctions against the professor in a manner that is consistent with the University's disciplinary policies for faculty. The form such investigations take is left to the discretion of the deans and vice presidents.

Office of Equal Opportunity and Affirmative Action. When students believe that they have been the victims of discrimination or sexual harassment by faculty, they may seek assistance from the Office of the Associate Provost for Equal Opportunity and Affirmative Action -- <http://eoaa.columbia.edu>. As described in the University's Policy Statement on Discrimination and Sexual Harassment, the Associate Provost is empowered to conduct investigations of their complaints, with certain exceptions, as well as provide confidential advice and engage in informal mediation. The Associate Provost may exercise those responsibilities herself or delegate them to a designee. If at any time a complaint is filed with a governmental agency or court, the University procedures must cease immediately.

Time Frame for Proceedings

A student should ordinarily bring any concern or complaint within 30 days of the end of the term in which the offending conduct occurred or by the beginning of the following term. The school process will ordinarily take 30 days.

Confidentiality

At every level, those involved recognize and respect a student's need for confidentiality when addressing certain kinds of concerns. If the student wishes complete confidentiality, concerns may be raised with the University's Ombuds Office, a neutral office that can receive complaints of any kind for the University and that offers a range of options and communication channels. Students, however, must be aware that the Ombuds Office has no authority to adjudicate a complaint; it is there as a confidential resource to students, faculty, and administrators to advise on various avenues of redress and to mediate disputes, if both parties agree.

GRADUATION

The B.A. degree is awarded three times during the year: in February, May, and October. Under special circumstances,

a degree scheduled to be awarded in May may be awarded in June instead. There is one University Commencement ceremony in May (see Academic Calendar).

Application or Renewal of Application for the Degree

The Application for the Degree is available on the Registrar's website. Students may complete the degree application form electronically and submit it to diplomas@columbia.edu. Alternative instructions for submitting the application for the degree are on the form itself.

General deadlines for applying for graduation are September 1 for October degrees; November 1 for February degrees; and December 1 for May degrees. When a deadline falls on a weekend or holiday, the deadline moves to the next business day. Students who fail to earn the degree by the conferral date for which they applied must file another application for a later conferral date.

Diplomas

There is no charge for the preparation and conferral of an original diploma. Unless you explicitly indicate otherwise, your diploma will be printed under your legal full name. You can verify the presentation of your name on SSOL under the "Academic Profile" rubric. If you wish to make changes to the name that will display on your diploma, you may do so by writing to the Office of the Registrar at diplomas@columbia.edu.

If a graduate's Columbia diploma is lost or damaged, there will be a charge of \$100 for a replacement diploma. Note that replacement diplomas carry the signatures of current University officials. Applications for replacement diplomas are available through the Office of the University Registrar.

Additional Information:

- [Application for Degree or Certificate — University Registrar](#)
- [Graduation and Diplomas — University Registrar](#)
- [Commencement Week](#)
- [GradZone](#)

IMMUNIZATION REQUIREMENTS

Before students are permitted to register for classes, there are several immunization requirements that all students—regardless of credit load—must complete. For this reason, a hold is placed on registration for all incoming students.

Documentation is upon admission or at least 30 days prior to a student's scheduled registration date, except for seasonal influenza.

1. **Measles, Mumps, and Rubella (MMR):** New York State public health law and University policy requires that all students born on or after January 1, 1957 document immunity to measles, mumps, and rubella.
2. **Meningitis decision:** New York State public health law and University policy requires that students document that they either have received the meningococcus meningitis (ACWY) vaccine or have declined to receive it. Those indicating they have received the vaccine must upload documentation showing the vaccine was received in the last 10 years.
3. **COVID-19:** University policy requires that students must provide documentation of being up-to-date with COVID-19 vaccines (please visit the [Immunization Compliance page](#) for the most updated definition of vaccine status).
4. **Seasonal Influenza:** Columbia University policy requires that students receive, or provide documentation they have received, the seasonal influenza vaccine. Vaccines must be administered on or after August 1 of the prevailing season.

*For students enrolled in the Fall, this requirement must be met before students are permitted to register for Spring courses. For students new to the University in the Spring term, this requirement applies before a student is permitted to register for their first term at Columbia.

Submit Documentation

Submit the University immunization form and all proof/documentation via the [Columbia Health Patient Portal](#) (Immunization Record section under Medical Clearances). All documentation must be in English or accompanied by a certified translation.

Note regarding the Meningitis Decision: Certify your decision about receiving the meningitis vaccine using the online form. Those indicating they have received the meningitis ACWY vaccine must upload documentation showing the vaccine was received in the last 10 years.

Records may also be sent via other options as outlined on the Columbia Health website, though records submitted outside of the Patient Portal process may experience significantly longer processing times.

All forms are processed in the order in which they are received.

Columbia University does not expedite processing of late forms. As such, any delays in submitting or an incomplete submission will result in registration delays.

Columbia Health provides COVID-19 and seasonal influenza vaccinations with no out-of-pocket costs for students during the Fall term.

Exemptions

Columbia University is committed to providing a safe, inclusive, and supportive experience for all students and recognizes medical contraindications to vaccination as well as

student observance of their faith as it pertains to the practice of immunization.

To request a medical or religious exemption, please complete the appropriate request forms, read the required Vaccine Information, attach all supplemental materials, and upload all documents to the [Columbia Health Patient Portal](#) (Upload Immunization Record section under Medical Clearances) prior to the deadline. Note that students requesting an exemption must submit separate forms for each vaccine exemption request. Learn more about exemption requests on the [Immunization Compliance page](#).

For information about these requirements visit the [Immunization Compliance page](#), or email immunizationcompliance@columbia.edu.

IMMUNIZATIONS RECOMMENDATIONS

[Columbia Health](#) recommends that students receive all routine childhood vaccinations, an updated tetanus booster, vaccination for Hepatitis B (three-dose series), and varicella (chicken pox). These vaccines are available at [Columbia Health Medical Services](#).

Students who have paid the Columbia Health & Related Services Fee are not charged for the following vaccines when administered at Columbia Health Medical Services:

1. Measles, Mumps and Rubella (MMR)*;
2. Hepatitis A;
3. Hepatitis B;
4. Hepatitis Combination A and B;
5. Influenza;
6. Meningococcal Meningitis;
7. Pneumococcal (if clinically indicated);
8. Tetanus-Diphtheria;
9. Tetanus-Diphtheria-Pertussis;
10. Varicella

For all other vaccinations, students are charged for the cost of the vaccine. Vaccinations are available to students who have not paid the Columbia Health & Related Services Fee for a minimal cost.

*MMR vaccine cost will be charged if it is administered to meet pre-matriculation immunization requirements.

NOTICE OF NON-DISCRIMINATION

Columbia University is committed to providing a learning, living, and working environment free from unlawful discrimination and to fostering a nurturing and vibrant community founded upon the fundamental dignity and worth of all of its members. Consistent with this commitment, and with all applicable laws, it is the policy of the University not to tolerate unlawful discrimination in any form and to provide

persons who feel that they are victims of discrimination with mechanisms for seeking redress.

The University prohibits any form of discrimination against any person on the basis of race, color, sex, gender, pregnancy, religion, creed, marital status, partnership status, age, sexual orientation, gender identity, gender expression, national origin, disability, military status, or any other legally protected status in the administration of its educational policies, admissions policies, employment, scholarship and loan programs, and athletic and other University-administered programs.

Nothing in this policy shall abridge academic freedom or the University's educational mission. Prohibitions against discrimination and discriminatory harassment do not extend to statements or written materials that are relevant and appropriately related to the subject matter of courses.

Inquiries or complaints regarding any form of discrimination or harassment may be directed to:

Title IX Coordinator/Section 504 Officer for Columbia University

Office of Equal Opportunity and Affirmative Action

103 Low Library

212-854-5511

Department of Education

Office for Civil Rights (New York Office)

OCR.NewYork@ed.gov

646-428-3800

RELIGIOUS HOLIDAYS

It is the policy of the University to respect its members' religious beliefs. In compliance with New York State law, each student who is absent from school because of his or her religious beliefs will be given an equivalent opportunity to register for classes or make up any examination, study, or work requirements that he or she may have missed because of such absence on any particular day or days.

No student will be penalized for absence due to religious beliefs, and alternative means will be sought for satisfying the academic requirements involved.

Officers of Administration and of Instruction responsible for scheduling of academic activities or essential services are expected to avoid conflict with religious holidays as much as possible. If a suitable arrangement cannot be worked out between the student and the instructor involved, they should consult the appropriate dean or director. If an additional appeal is needed, it may be taken to the Provost.

STUDENT POLICIES AND PROCEDURES ON DISCRIMINATION AND HARASSMENT, GENDER-BASED MISCONDUCT POLICIES FOR STUDENTS AND CONSENSUAL ROMANTIC AND SEXUAL RELATIONSHIPS

Columbia University is committed to providing a learning, living, and working environment free from discrimination, harassment and gender-based and sexual misconduct. Consistent with this commitment and with applicable laws, the University does not tolerate discrimination, harassment, or gender-based sexual misconduct in any form and it provides students who believe that they have been subjected to conduct or behavior of this kind with mechanisms for seeking redress. All members of the University community are expected to adhere to the applicable policies, to cooperate with the procedures for responding to complaints of discrimination, harassment and gender-based and sexual misconduct, and to report conduct or behavior they believe to be in violation of these policies to the Office of Equal Opportunity and Affirmative Action or the Gender-Based Misconduct Office within Student Conduct and Community Standards. For additional information on these issues, policies, and resources, please visit the Sexual Respect website.

Complaints against students for gender-based misconduct are processed in accord with the Gender-Based Misconduct Policies for Students. Students who attend Barnard College and Teachers College as well as Columbia University are covered by these policies. The use of the term "gender-based misconduct" includes sexual assault, sexual harassment, gender-based harassment, stalking, and intimate partner violence. Columbia University's Sexual Respect Online provides additional information and resources for students, faculty, and staff.

Complaints against students for other forms of discrimination and harassment are processed in accord with the Student Policies and Procedures on Discrimination and Harassment and should be filed with the Dean of Students of the school in which the accused student is enrolled.

Complaints against employees and third parties affiliated with the University for discrimination and harassment are processed in accord with the Employment Policies and Procedures on Discrimination, Harassment, Sexual Assault, Domestic Violence, and Stalking. The use of the term "discrimination and harassment" includes discrimination, discriminatory harassment, gender-based harassment, stalking, intimate partner violence, sexual harassment, and sexual assault.

Columbia University maintains policies regarding consensual romantic and sexual relationships between faculty and students, and staff and students.

The Policy on Romantic and Sexual Relationships between Faculty/Staff and Undergraduate Students states that no faculty or staff member shall initiate or accept sexual or romantic advances or engage in a romantic or sexual relationship with any undergraduate student enrolled in Columbia College, the Fu Foundation School of Engineering and Applied Science, the School of General Studies, or Barnard College or other affiliate of Columbia, regardless of whether the faculty member has a supervisory role over the student.

For further information and assistance, contact:

Office of Equal Opportunity and Affirmative Action

2690 Broadway

103 Low Library

eoaa.columbia.edu

212-854-5511

Title IX Coordinator/Section 504 Officer for Columbia University

Office of Equal Opportunity and Affirmative Action

2690 Broadway

103 Low Library

eoaa.columbia.edu

212-854-5511

Gender-Based Misconduct Office

612 West 115th St.

Watson Hall

8th Flr.

sexualrespect.columbia.edu/gender-based-misconduct-policy-students

212-854-1717

Additional Resources

Columbia offers a number of confidential resources to students who believe they were subjected to discrimination, harassment or gender-based or sexual misconduct and who do not wish to report to the University:

Columbia Health Sexual Violence Response and Rape Crisis/ Anti-Violence Support Center (Confidential)

24/7/365 Helpline

health.columbia.edu/svr

212-854-HELP (4357)

Columbia Health Medical Services (Confidential)

health.columbia.edu/emergency

212-854-7426

Columbia Health Counseling and Psychological Services (Confidential)

2920 Broadway

Lerner Hall, 8th Fl.

health.columbia.edu/cps

(212) 854-2878

Ombuds Office

2920 Broadway

710 Lerner Hall

ombuds.columbia.edu

212-854-1493

Office of the University Chaplain

1200 Amsterdam Ave.

660 Schermerhorn Extension

ouc.columbia.edu

212-854-1234

UNDERGRADUATE INTERNATIONAL TRAVEL POLICY

All matriculated undergraduates participating in Columbia-Led, Columbia-Facilitated and/or Recognized international travel **will be required to obtain School Sponsorship** at least 4 weeks prior to departure.

Application for School Sponsorship is comprised of the following steps. All steps must be completed prior to travel departure:

1. Complete and Submit a **School Sponsorship Request Form** - including all travel destinations and side trips while abroad.
2. Complete **Pre-Departure Orientation**.
3. Abide by all University requirements, including:
 - a. Register all travel with the University's international travel assistance services – International SOS (ISOS).
 - b. Maintain a health insurance policy that will also provide coverage outside the U.S. for routine, urgent, and emergent care (such as the Columbia Student Health Insurance Plan).

4. Complete the **Assumption of Risk, Waiver and Release Form**, which must be signed by the undergraduate.

5. Complete or adhere to any additional safety protocol measures recommended by the Undergraduate Travel Review Committee.

Undergraduates are expected to begin the application for School Sponsorship **as soon as an opportunity that would require international travel has been secured, and submit a completed application no later than 4 weeks prior to departure.**

Once School Sponsorship is approved and issued, undergraduates may continue their work with a sponsoring unit/program to begin/continue their preparation for a specific Columbia-Led, Columbia-Facilitated and/or Recognized travel program.

Undergraduates are required to immediately notify the Undergraduate Travel Review Committee should any changes to their location occur during the duration of their travel so their School Sponsorship file may be updated.

The undergraduate schools reserve the right to revoke sponsorship, support and funding if any step of the School Sponsorship process is not completed or acknowledged prior to departure and/or if the Undergraduate Travel Review Committee determines after review that the travel would be imprudent, based on assessment of the risk variables involved and/or the particular facts of the application. The purchase of travel protection insurance is strongly recommended to potentially mitigate financial loss in case of trip cancellation or interruption.

If a country or region is placed on the medium, high, or extreme risk list during travel, the Undergraduate Travel Review Committee will assess the risks of remaining in or departure from the country or region. Undergraduates will be advised of the risks and, if necessary, provided a recommended course of action. The undergraduate schools reserve the right to revoke sponsorship, support and funding should the undergraduate not follow the recommendations of the Undergraduate Travel Review Committee.

Link to the full policy: <https://www.cc-seas.columbia.edu/travelpolicy/policy>.

VETERANS BENEFITS AND TRANSITION ACT OF 2018

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent nor delay the student's enrollment;
- Assess a late penalty fee to the student;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources available to other students who have satisfied their tuition and fee bills to the institution, including but not limited to access to classes, libraries, or other institutional facilities.

However, to qualify for this provision, such students may be required to:

- Produce the Certificate of Eligibility by the first day of class;
- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies.

DEPARTMENTS, PROGRAMS, AND COURSES

This section contains a description of the curriculum of each department in the College, along with information regarding degree requirements for majors and concentrators, including course descriptions, registration information, elective courses, and suggestions about courses and programs in related fields.

Columbia College students should use the school Bulletin for academic planning purposes, as not all courses listed on the University-wide *Directory of Classes* and *Vergil* are open to Columbia College students.

The College reserves the right to withdraw or modify the courses of instruction or to change the instructors at any time.

- [African American and African Diaspora Studies](#) (p. 168)
- [American Studies](#) (p. 175)
- [Ancient Studies](#) (p. 178)
- [Anthropology](#) (p. 179)
- [Archaeology](#) (p. 194)
- [Architecture](#) (p. 197)
- [Art History and Archaeology](#) (p. 203)
- [Astronomy](#) (p. 214)
- [Biological Sciences](#) (p. 225)
- [Business](#) (p. 253)
- [Chemistry](#) (p. 257)
- [Classics](#) (p. 276)
- [Cognitive Science](#) (p. 295)
- [Colloquia, Interdepartmental Seminars, and Professional School Offerings](#) (p. 315)
- [Comparative Literature and Society](#) (p. 318)

- Computer Science (p. 327)
- Creative Writing (p. 351)
- Dance (p. 363)
- Drama and Theatre Arts (p. 373)
- Earth and Environmental Sciences (p. 386)
- East Asian Languages and Cultures (p. 403)
- Ecology, Evolution, and Environmental Biology (p. 430)
- Economics (p. 443)
- Education (p. 464)
- English and Comparative Literature (p. 474)
- Ethnicity and Race Studies (p. 495)
- Film and Media Studies (p. 503)
- French (p. 510)
- Germanic Languages (p. 520)
- History (p. 531)
- History and Philosophy of Science (p. 558)
- Human Rights (p. 562)
- Italian (p. 567)
- Jazz Studies (p. 581)
- Jewish Studies (p. 584)
- Language Resource Center (p. 586)
- Latin American and Caribbean Studies (p. 599)
- Latin American and Iberian Cultures (p. 602)
- Linguistics (p. 616)
- Mathematics (p. 621)
- Medieval and Renaissance Studies (p. 636)
- Middle Eastern, South Asian, and African Studies (p. 637)
- Music (p. 655)
- Philosophy (p. 690)
- Physical Education and Intercollegiate Athletics (p. 700)
- Physics (p. 712)
- Political Science (p. 726)
- Psychology (p. 742)
- Public Health
- Regional Studies (p. 769)
- Religion (p. 769)
- Slavic Languages (p. 802)
- Sociology (p. 820)
- Statistics (p. 829)
- Sustainable Development (p. 841)
- Urban Studies (p. 853)
- Visual Arts (p. 859)
- Women's and Gender Studies (p. 869)

AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES

African American and African Diaspora Studies: 758 Schermerhorn Extension; 212-854-7080; <https://afamstudies.columbia.edu/>

Institute for Research in African-American Studies: 758 Schermerhorn Extension; 212-854-7080; <http://iraas.columbia.edu/>

Chair, African American and African Diaspora Studies: Professor Kellie Jones; kej2119@columbia.edu

Director, Institute for Research in African American Studies: Professor Mabel O. Wilson, mow6@columbia.edu

Director of Undergraduate Studies: Professor. Farah Jasmine Griffin; fjg8@columbia.edu

Director of Academic Administration and Finance: Shawn Mendoza; 758 Schermerhorn Extension; s.mendoza@columbia.edu (sm322@columbia.edu)

Administrative Assistant: Sharon Harris; 758 Schermerhorn Extension; 212-854-7080; sh2004@columbia.edu

The Institute for Research in African-American Studies was established at Columbia in 1993, expanding the University's commitment to this field of study. The African-American studies curriculum explores the historical, cultural, social, and intellectual contours of the development of people of African descent. The curriculum enables students to master the basic foundations of interdisciplinary knowledge in the humanities and social sciences in the black American, Caribbean, and sub-Saharan experience.

Courses examine the cultural character of the African diaspora; its social institutions and political movements; its diversity in thought, belief systems, and spiritual expressions; and the factors behind the continuing burden of racial inequality. During their junior and senior years of study, students focus their research within a specific discipline or regional study relevant to the African diaspora.

Students should consider a major in African American and African Diaspora studies if they are interested in careers where strong liberal arts preparation is needed, such as fields in the business, social service, or government sectors. Depending on one's area of focus within the major, the African American and African Diaspora studies program can also prepare individuals for career fields like journalism, politics, public relations, and other lines of work that involve investigative skills and working with diverse groups. A major in African American and African Diaspora studies can also train students in graduate research skills and methods, such as archival research, and is very useful

for individuals who are considering an advanced graduate degree such as the Ph.D.

DEPARTMENTAL HONORS

The requirements for departmental honors in African American and African Diaspora studies are as follows:

1. All requirements for major must be completed by graduation date;
2. Minimum GPA of 3.6 in the major;
3. Completion of senior thesis—due to the director of undergraduate studies on the first Monday in April.

A successful thesis for departmental honors must be selected as the most outstanding paper of all papers reviewed by the thesis committee in a particular year. The Thesis Evaluation Committee is comprised of department faculty and led by the director of undergraduate studies. The thesis should be of superior quality, clearly demonstrating originality and excellent scholarship, as determined by the committee. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

THE AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES DEPARTMENT THESIS

Although the senior thesis is a prerequisite for consideration for departmental honors, all African American and African Diaspora studies majors are strongly encouraged to consider undertaking thesis work even if they are ineligible or do not wish to be considered for departmental honors. The senior thesis gives undergraduate majors the opportunity to engage in rigorous, independent, and original research on a specific topic of their choosing, the result of which is a paper of 35-60 pages in length.

The senior thesis must be written under the supervision of at least one faculty member. Should the thesis writer elect to have more than one thesis adviser (either from the outset or added on during the early stages of research), these faculty in the aggregate comprise the Thesis Committee, of which one faculty member must be designated chair. In either case, it is incumbent upon the thesis writer to establish with the thesis chair and committee a reasonable schedule of deadlines for submission of outlines, chapters, bibliographies, drafts, etc.

In many cases, thesis writers may find that the most optimal way in which to complete a thesis is to formally enroll in an AFAS independent study course with their thesis adviser as the instructor. **All third year students interested in writing a thesis should notify the director of undergraduate studies and submit the name of the faculty adviser ideally by October 1, but certainly no later than the end of the fall semester of their junior year.** In close consultation with the thesis adviser, students develop a viable topic, schedule of

meetings, bibliography, and timeline for completion (including schedule of drafts and outlines).

DEPARTMENTAL PRIZES

Ralph Johnson Bunche Award for Leadership and Service

The Bunche Award recognizes an undergraduate who has demonstrated a tremendous capacity for leadership and provided distinguished service to the Institute for Research in African American Studies.

The award is named in honor of Ralph Johnson Bunche (1901-1971), the highest American official in the United Nations. For his conduct of negotiations leading to an armistice in the First Arab-Israeli War, he received the Nobel Peace Prize in 1950; he was the first African American recipient of this honor.

Ella Baker Award for Outstanding Academic Achievement

The Ella Baker Prize is awarded annually to an undergraduate who has demonstrated academic excellence, intellectual commitment to the field of African American Studies and who has written a thesis that advances our understanding of the African American experience.

The award is named for the brilliant activist, organizer, leader and Harlem resident, Ella Baker. Baker served as a field secretary for the NAACP before organizing the Southern Christian Leadership Conference under the leadership of Dr. Martin Luther King. Following her departure from SCLC she helped student activists organize the Student Non-violent Coordinating Committee. She would serve as an important mentor to these young people throughout the rest of her life.

SENIOR FACULTY

Kevin Fellezs (Music)
Robert Gooding-Williams (Philosophy)
Farah J. Griffin (English and Comparative Literature)
Frank Guridy (History)
Kellie E. Jones (Art History and Archaeology)
Samuel K. Roberts (History)
Josef Sorett (Religion)
Sudhir A. Venkatesh (Sociology)
Mabel O. Wilson (Architecture, Planning and Preservation)

RESEARCH FELLOWS

Vanessa Argard-Jones (Anthropology)
Fredrick C. Harris (Political Science)
Carl Hart (Psychology)
Obery Hendricks (Religion/African-American Studies)
Colin Wayne Leach (Psychology and Africana Studies, Barnard College)
Natasha Lightfoot (History)
Mignon Moore (Sociology - Barnard)

AFFILIATED FACULTY

Belinda Archibong (Economics)
 Christopher Brown (History)
 Maguette Camara (Dance - Barnard)
 Mamadou Diouf (Middle Eastern, South Asian, and African Studies)
 Ann Douglas (English and Comparative Literature)
 Barbara Fields (History)
 Saidiya Hartman (English and Comparative Literature)
 Ousmane Kane (School of International and Public Affairs)
 Rashid Khalidid (History)
 George E. Lewis (Music)
 Mahmood Mamdani (Anthropology)
 Gregory Mann (History)
 Robert O'Meally (English and Comparative Literature)
 David Scott (Anthropology)
 Susan Strum (Law School)

IN MEMORIAM

Marcellus Blount
 Steven Gregory
 Manning Marable, founder of IRAAS

GUIDELINES FOR ALL MAJORS AND CONCENTRATORS

Governed Electives

The "governed electives" category must include courses from at least three different departments, providing an interdisciplinary background in the field of African-American Studies. (Note: you cannot count one of your governed electives within your designated area of study).

Designated Area of Study

A Designated Area of Study, preferably within a distinct discipline (for example, history, politics, sociology, literature, anthropology, psychology, etc.). Students may also select courses within a particular geographical area or region or an interdisciplinary field of study.

Any of the departmental disciplines (history, political science; sociology, anthropology, literature, art history; psychology, religion, music, etc.).

Any of the pertinent area studies (African Studies; Caribbean/Latin American; Gender Studies; etc.).

Please note that the major/concentrator is not allowed to "create" or "make up" a designated area of study without the direct approval of the Director of Undergraduate Studies, and that such approval must be sought before the student has embarked on the course of designated area of study, and that such approval will be granted only in very rare and exceptional cases. Under no circumstances should the major/concentrator hope to take a series of courses only later to "create" a Designated Area of Study around these courses.

MAJOR IN AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES

A minimum of twenty-seven (27) points is required for the completion of the major. The major should be arranged in consultation with the director of undergraduate studies. Students interested in majoring should plan their course of study no later than the end of their sophomore year.

Core Requirements

All majors must complete to satisfaction the core required courses. The core requirements are:

- (1) Introduction to African-American Studies - 4 Points
- (2) Major Debates in African-American Studies - 4 Points
- (3) Governed Elective - 4 Points
- (4) Governed Elective - 4 Points
- (5) Senior Seminar - 4 Points
- (6) Designated Area of Study Course (DAS) - 3 Points
- (7) DAS or Senior Pro Seminar - 4 Points

CONCENTRATION IN AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES

A minimum nineteen (19) points is required for the completion of the concentration.

Core Requirements

All concentrators must complete to satisfaction the core required courses. The core requirements are:

- (1) Introduction to African-American Studies - 4 Points
- (2) Governed Elective - 4 Points
- (3) Governed Elective - 4 Points
- (4) Senior Seminar - 4 Points
- (5) Designated Area of Study Course (DAS) - 3-4 Points

AFAS UN1001 INTRO TO AFRICAN-AMER STUDIES. 4.00 points.

Prerequisites: Students need to register for a section of AFAS UN1010, the required discussion section for this course.

Prerequisites: Students need to register for a section of AFAS UN1010, the required discussion section for this course.

From the arrival of enslaved Africans to the recent election of President Barack Obama, black people have been central to the story of the United States, and the Americas, more broadly. African Americans have been both contributors to, and victims of, this "New World" democratic experiment. To capture the complexities of this ongoing saga, this course offers an inter-disciplinary exploration of the development of African-American cultural and political life in the U.S. but also in relationship to the different African diasporic outposts of the Atlantic world. The course will be organized both chronologically and thematically, moving from the "middle passage" to the present so-called "post-racial" moment—drawing on a range of classical texts, primary sources, and more

recent secondary literature—to grapple with key questions, concerns, and problems (i.e. agency, resistance, culture, etc.) that have preoccupied scholars of African-American history, culture, and politics. Students will be introduced to a range of disciplinary methods and theoretical approaches (spanning the humanities and social sciences), while also attending to the critical tension between intellectual work and everyday life, which are central to the formation of African-American Studies as an academic field. This course will engage specific social formations (i.e. migration, urbanization, globalization, etc.), significant cultural/political developments (i.e. uplift ideologies, nationalism, feminism, Pan-Africanism, religion/spirituality, etc.), and hallmark moments/movements (i.e. Harlem Renaissance, Civil Rights movement, etc.). By the end of the semester, students will be expected to possess a working knowledge of major themes/figures/traditions, alongside a range of cultural/political practices and institutional arrangements, in African-American Studies

Fall 2022: AFAS UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 1001	001/14857	M W 10:10am - 11:25am 209 Havemeyer Hall	Josef Sorett	4.00	98/100

AFAS UN1002 Major Debates in African-American Studies. 4.00 points.

Prerequisites: Students must register for discussion section, AFAS UN1003.

Prerequisites: Students must register for discussion section, AFAS UN1003. This course will focus on the major debates in African-American Studies from the role of education to the political uses of art. The class will follow these debates historically with attention to the ways in which earlier discussions on migration and emigration, for example, were engaged with the specific historical conjuncture in which they took place as well as in the myriad ways in which earlier debates continue to resonate today. There will be a mix of primary documents and secondary sources and commentary

Fall 2022: AFAS UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 1002	001/13511	Th 12:10pm - 2:00pm 425 Pupin Laboratories	Shanya Cordis	4.00	12/12

AFAS UN1003 Blackness and Frenchness: A Radical Genealogy. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

How have Black radicals embraced the French language and, at times, Frenchness without espousing France's dominance and its doctrines of assimilation? This course explores the watershed moments from the past three centuries that redefine the articulations of blackness in French, in France and beyond—from revolutionary or constitutional independence in the post-colony to recent social movements in continental Europe.

In addition to the opening inquiry, guiding questions for this course include but are not limited to the following. What kinds of state-sanctioned backlash in France have ensued in the face of affirmative reclamations of blackness (e.g. Négritude and Afroféminisme)? And, what are the historical linkages between Black radicalism in France and the United States? Through an intra-imperial and inter-imperial lens, this course will center contributions from Black writers, artists, and intellectuals of divergent colonial histories with especial consideration to those for whom French and France is their native language and land.

Spring 2023: AFAS UN1003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 1003	001/18021	Th 2:10pm - 4:00pm 606 Lewisohn Hall	Veronique Charles	4.00	12/15

AFAS UN3030 AFRICAN-AMERICAN MUSIC. 3.00 points.

This course focuses on a central question: how do we define “African-American music”? In attempting to answer this question, we will be thinking through concepts such as authenticity, representation, recognition, cultural ownership, appropriation, and origin(s). These concepts have structured the ways in which critics, musicians and audiences have addressed the various social, political and aesthetic contexts in which African-American music has been composed (produced), performed (re-produced) and heard (consumed)

Fall 2022: AFAS UN3030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3030	001/13512	T Th 10:10am - 11:25am C01 80 Claremont	Kevin Fellezs	3.00	13/12

AFAS UN3943 Senior Pro Seminar. 4.00 points.

This course is a seminar for seniors to either write a formal proposal for a capstone project or to begin the research process for a Senior Thesis, which will be written in the Spring semester. This interdisciplinary course provides the necessary structure needed to complete either goal. This will be an interactive class in which students are required to participate and actively engage in each meeting

Fall 2022: AFAS UN3943

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3943	001/13513	W 4:10pm - 6:00pm 707 Hamilton Hall	Robert Gooding-Williams	4.00	13/10

AFAS UN3930 TOPICS IN THE BLACK EXPERIENCE. 4.00 points.

Please refer to Institute for Research in African American Studies for section course descriptions: <http://iraas.columbia.edu/>

Fall 2022: AFAS UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	002/18387	T 2:10pm - 4:00pm 402b International Affairs Bldg	Shanya Cordis	4.00	7/12

Spring 2023: AFAS UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	003/18197	Th 10:10am - 12:00pm 412 Pupin Laboratories	Nyle Fort	4.00	15/12

AFAS UN3936 Black Intellectuals Seminar. 4 points.

AFAM Major/Concentrator required course

This undergraduate seminar examines a diverse group of black intellectuals' formulations of ideologies and theories relative to racial, economic and gender oppression within the context of dominant intellectual trends. The intellectuals featured in the course each contributed to the evolution of black political thought, and posited social criticisms designed to undermine racial and gender oppression, and labor exploitation around the world. This group of black intellectuals' work will be analyzed, paying close attention to the way that each intellectual inverts dominant intellectual trends, and/or uses emerging social scientific disciplines to counter racism, sexism, and classism. This seminar is designed to facilitate an understanding of the black intellectual tradition that has emerged as a result of African-American thinkers' attempts to develop a unified response to an understanding of the black condition. This course explores of a wide range of primary and secondary sources from several different periods, offering students opportunity to explore the lives and works of some of the most important black intellectuals. We will also consider the way that period-specific intellectual phenomenon-such as Modernism, Marxism, Pan-Africanism, and Feminism-combined with a host of social realities.

AFAS UN3940 SENIOR THESIS SEMINAR. 4.00 points.

The Senior Seminar will afford thesis writers the chance to workshop their idea, conduct research and/or interviews, work with the IRB protocols (if necessary), learn to work with archival materials, and perform other research activities prior to writing the thesis. Students who choose to write a capstone paper or conduct a capstone project can choose an elective course the following semester. The Thesis Seminar, conducted in the spring semester, is a workshop-oriented course for Senior Thesis writers organized around honing their writing skills while providing guidance to students in their field/disciplinary-specific projects. For example, a student may choose to write a historical biography of an artist while another may pursue a sociological study of the effects of mass incarceration on voting rights. The instructor of the Thesis Seminar, working with a faculty adviser (dependent on the specific field of inquiry in the thesis), will provide feedback and supervise the writing schedule of the students

Spring 2023: AFAS UN3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3940	001/16825	W 2:10pm - 4:00pm 307 Pupin Laboratories	Vivaldi Jean-Marie	4.00	2/12

AFAS GU4031 POPULAR MUSIC/PROTEST MOVEMENTS. 4.00 points.

Open to graduate students and limited advanced undergraduates.

This course will examine the relationship between popular music and popular movements. We will be taking a historical, as well as a thematic, approach to our investigation as a way to trace various legacies within popular music that fall under the rubric of "protest music" as well as to think about the ways in which popular music has assisted various communities to speak truth to power. We will also consider the ways in which the impact of the music industry has either lessened or enhanced popular music's ability to articulate "protest" or "resistance" to hegemonic power.

Spring 2023: AFAS GU4031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4031	001/17174	T 2:10pm - 4:00pm C01 80 Claremont	Kevin Fellezs	4.00	9/15

AFAS GU4035 Criminal Justice and the Carceral State in the 20th Century United States. 4 points.

To apply for course enrollment, please contact Prof. Samuel Roberts (skroberts@columbia.edu).

This course provides an introduction to historical and contemporary concepts and issues in the U.S. criminal justice system, including state violence; the evolution of modern policing; inequality and criminal justice policy; drug policy as urban policy; and the development of mass incarceration and the "carceral continuum." The writing component to this course is a 20-25 page research paper on a topic to be developed in consultation with the instructor. This course has been approved for inclusion in the African-American Studies and History undergraduate curricula.

AFAS GU4037 Third World Studies. 4 points.

Introduction to third world studies; an introduction to the methods and theories that inform the field of third world studies (aka ethnic studies), including imperialism, colonialism, third world liberation movements, subjectivities, and racial and social formation theories;

AFAS GU4080 TOPICS IN THE BLACK EXPERIENCE. 4.00 points.

Please refer to Institute for African American and African Diaspora Studies Department for section-by-section course descriptions

Fall 2022: AFAS GU4080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080	001/18349	T 4:10pm - 6:00pm 327 Uris Hall	Jonah Mixon-Webster	4.00	14/15
AFAS 4080	002/18350	T 12:10pm - 2:00pm 212a Lewisohn Hall	Maboula Soumahoro	4.00	9/15
AFAS 4080	003/18390	W 2:10pm - 4:00pm	Vivaldi Jean-Marie	4.00	6/15

		501 International Affairs Bldg			
AFAS 4080 004/18774		W 12:10pm - 2:00pm	Obery Hendricks	4.00	4/12
		301m Fayerweather			

Spring 2023: AFAS GU4080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080 001/16824		M 10:10am - 12:00pm 412 Pupin Laboratories	Maboula Soumahoro	4.00	13/15
AFAS 4080 002/16919		M 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Frank Guridy	4.00	13/15
AFAS 4080 003/18548		T 2:10pm - 4:00pm 568 Alfred Lerner Hall	Jafari Allen	4.00	3/10
AFAS 4080 004/18554		W 2:10pm - 4:00pm 253 Engineering Terrace	Anthony Johnson	4.00	10/12

ENGL GU4621 HARLEM RENAISSANCE. 3.00 points. (Lecture). This course will focus on the arts of the Harlem Renaissance as experiments in cultural modernity and as forms of incipient political empowerment. What was the Harlem Renaissance? Where and when did it take place? Who were its major players? What difference did it make to everyday Harlemites? What were its outposts beyond Harlem itself? Was there a rural HR? An international HR? As we wonder about these problems of definition, we will upset the usual literary/historical framework with considerations of music and painting of the period. How to fit Bessie Smith into a frame with W.E.B. Du Bois? Ellington with Zora Neale Hurston? Aaron Douglas with Langston Hughes? Where is Harlem today? Does it survive as more than a memory, a trace? Is it doomed to be black no more? How does Harlem function in our national/(international?) imagination? Has the Harlem Renaissance's moment come and gone? What continuities might we detect? What institutions from the early twentieth century have endured?

ENGL GU4622 AFRICAN AMERICAN LITERATURE II. 3.00 points.

(Lecture). This survey of African American literature focuses on language, history, and culture. What are the contours of African American literary history? How do race, gender, class, and sexuality intersect within the politics of African American culture? What can we expect to learn from these literary works? Why does our literature matter to student of social change? This lecture course will attempt to provide answers to these questions, as we begin with Zora Neale Hurstons *Their Eyes Were Watching God* (1937) and Richard Wrights *Native Son* (1940) and end with Melvin Dixons *Loves Instruments* (1995) with many stops along the way. We will discuss poetry, fiction, drama, and non-fictional prose. Other authors include Ralph Ellison, James Baldwin, Gwendolyn Brooks, Malcom X, Ntozake Shange, Audre Lorde, and Toni Morrison. There are no prerequisites for this course. The formal assignments are two five-page essays and a final examination. Class participation will be graded

Spring 2023: ENGL GU4622

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4622	001/13190	T Th 10:10am - 11:25am 503 Hamilton Hall	Farah Griffin	3.00	50/54

OF RELATED INTEREST**Africana Studies (Barnard)**

AFRS BC2004	INTRODUCTN TO AFRICAN STUDIES
AFRS BC2005	CARIBBEAN CULTURE # SOCIETIES
AFRS BC2006	INTRODUCTION AFRICAN DIASPORA
AFRS BC3020	Harlem Crossroads
AFRS BC3055	Slave Resistance in the United States from the Colonial Era to the Civil War
AFRS BC3100	Medicine and Power in African History
AFRS BC3110	THE AFRICANA COLLOQUIUM
AFRS BC3120	History of African-American Music
AFRS BC3121	Black Women in America
AFRS BC3146	African American and African Writing and the Screen
AFRS BC3150	RACE #PERFORMNCE IN CARIBBEAN
AFRS BC3517	African American Women and Music
AFEN BC3525	Atlantic Crossings: The West Indies and the Atlantic World
AFRS BC3528	Harlem on My Mind: The Political Economy of Harlem
AFRS BC3550	GAY HARLEM
AFRS BC3560	Human Rights and Social Change in Sub-Saharan Africa
AFRS BC3570	Africana Issues: Diasporas of the Indian Ocean
AFRS BC3589	BLK SEXUAL PLTCS U.S.POP CLTR
AFRS BC3590	The Middle Passage

American Studies

AMST UN3930	Topics in American Studies
AMST UN3931	Topics in American Studies

Anthropology

ANTH UN1130	Africa and the Anthropologist
ANTH UN2005	THE ETHNOGRAPHIC IMAGINATION
ANTH V3005	Africa: Culture and Society
ANTH UN3850	Psychoanalysis, Colonialism, and Race
ANTH UN3983	Ideas and Society in the Caribbean

Anthropology (Barnard)

ANTH V3005	Africa: Culture and Society
ANTH V3943	Youth and Identity Politics in Africa
ANTH UN3946	African Cultural Production
ANTH UN3983	Ideas and Society in the Caribbean
ANTH V3988	Race/Sexuality Science and Social Practice
Art History and Archaeology	
AHIS UN2500	ARTS OF AFRICA
AHIS W3897	Black West: African-American Artists in the Western United States
Center for the Study of Ethnicity and Race	
CSER UN1012	History of Racialization in the United States
CSER UN3940	COMP STUDY OF CONSTITUTNL CHAL
Dance (Barnard)	
DNCE BC3578	Traditions of African-American Dance
Economics	
ECON GU4438	ECONOMICS OF RACE IN THE U.S.
English and Comparative Literature	
ENGL W3400	African-American Literature I
English (Barnard)	
ENWS BC3144	Minority Women Writers in the United States
AFEN BC3148	Literature of the Great Migration: 1916-1970
ENGL BC3196	HARLEM RENAISSANCE LITERATURE
History	
AFCV UN1020	AFRICAN CIVILIZATION
HIST UN2432	U.S. ERA OF CIVIL WAR # RECON
HIST UN2523	HEALTH INEQUALITY: MODERN US
HIST UN2540	HISTORY OF THE SOUTH
HIST UN2618	The Modern Caribbean
HIST W3575	Power and Place: Black Urban Politics
HIST W3662	Slave Memory in Brazil: Public History and Audiovisual Narratives in Perspective
HIST UN3429	TELLING ABOUT THE SOUTH
HIST UN3518	COLUMBIA UNI # SLAVERY
HIST UN2772	West African History
HIST W4404	Native American History
HIST UN3779	AFRICA AND FRANCE
HIST UN3928	SLAVERY/ABOLITION-ATLANTC WRLD
HIST GU4984	HACKING THE ARCHIVE: LAB FOR COMP. HIST
HIST W4434	The Atlantic Slave Trade

HIST GU4584	Drug Policy and Race
HIST GU4588	RACE, DRUGS, AND INEQUALITY
HIST W4985	Citizenship, Race, Gender and the Politics of Exclusion
History (Barnard)	
Jazz Studies	
JAZZ W3100	Jazz and American Culture
JAZZ GU4900	Jazz and the Literary Imagination
Middle Eastern, South Asian, and African Studies	
MDES UN2030	Major Debates in the Study of Africa
Music	
MUSI UN2016	JAZZ
MUSI UN2020	SALSA, SOCA # REGGAE
MUSI W4435	Music and Performance in the African Postcolony
Political Science	
POLS UN3245	RACIAL AND ETHNIC POLITICS
POLS UN3604	War, Peace, and International Interventions in Africa
Political Science (Barnard)	
POLS BC3101	* Colloquium on Black Political Thought
POLS BC3810	*Colloquium on Aid, Politics & Violence in Africa
Psychology	
PSYC UN2640	INTRO TO SOCIAL COGNITION
PSYC UN2650	INTRO TO CULTURAL PSYCHOLOGY
PSYC GU4615	PSYCH OF CULTURE & DIVERS
Religion	
RELI UN2415	Religions of Harlem
RELI UN2335	RELI IN BLACK AMERICA:AN INTRO
RELI UN3630	Religion and Black Popular Cultures
RELI V3650	Religion and the Civil Rights Movement
RELI GU4355	AFR AM PROPHETIC POL TRADITION
RELI W4826	Religion, Race and Slavery
Religion (Barnard)	
RELI UN3203	RELIGION IN AMERICA II
RELI W4826	Religion, Race and Slavery
Sociology	
SOCI UN2420	RACE # PLACE IN URBAN AMERICA
SOCI W3277	Post-Racial America?
Women's and Gender Studies	
WMST GU4300	Queer Theory/ Visual Culture

AMERICAN STUDIES

Program Office: 319-321 Hamilton; 212-854-6698
<http://www.columbia.edu/cu/amstudies/>

Director: Prof. Hilary Hallett, 319 Hamilton; 212-854-6698;
hah2117@columbia.edu

Assistant Director: Michael Gately, 319 Hamilton;
 212-854-6544; mg3898@columbia.edu

Associate Director: Prof. Robert Amdur, 311 Hamilton;
 212-854-4049; rla2@columbia.edu

Administrative Assistant: Arelis Herrera, 319 Hamilton;
 212-854-6698; ah3115@columbia.edu

American Studies offers students the opportunity to explore the experience and values of the people of the United States as embodied in their history, literature, politics, art, and other enduring forms of cultural expression. The program seeks to prepare students to confront with historical awareness the pressing problems that face our society. The program takes advantage of Columbia's location by involving students with the life of the city—working with community service organizations such as the Double Discovery Center, which serves New York City high school students; and by inviting leading figures in the local political and cultural scene to participate in colloquia, public conferences, and classroom discussions. It is an interdisciplinary program designed to be open and flexible while taking seriously the challenge of striving for a liberal education that helps prepare students for responsible citizenship.

ADVISING

Each American Studies major or concentrator is assigned an academic adviser who monitors their progress through graduation. With at least ten advisers for each academic year, students are assured of individual attention and guidance. Advisers meet with students at least twice a semester.

DEPARTMENTAL HONORS

Students with a 3.6 minimum GPA in the major and an outstanding senior project are considered for honors. Normally no more than 10% of graduating majors receive departmental honors in a given year.

DEPARTMENT FACULTY

- Hilary Hallett
- Roosevelt Montas
- Andrew Delbanco
- Casey N. Blake
- Michael Hindus
- Roger Lehecka
- Thai Jones

- Lynne Breslin
- Paul Levitz
- Valerie Paley
- Robert Pollack
- Ross Posnock
- Cathleen Price
- Benjamin Rosenberg
- James Shapiro
- Maura Spiegel

Affiliated Faculty

- Rachel Adams (English and Comparative Literature)
- Courtney Bender (Religion)
- Casey N. Blake (History; American Studies)
- Jeremy Dauber (Germanic Languages)
- Andrew Delbanco (English and Comparative Literature; American Studies)
- Todd Gitlin (Journalism; Sociology)
- Farah Griffin (English and Comparative Literature)
- Frank Guridy (History)
- Michelle M. Moody-Adams (Philosophy)
- Rebecca Kobrin (History)
- Robert Amdur (Political Science)
- Roosevelt Montas (Core and American Studies)
- Ross Posnock (English and Comparative Literature; American Studies)
- Wayne Proudfoot (Religion)
- Jonathan Rieder (Sociology, Barnard)
- Maura Spiegel (English and Comparative Literature)

GUIDELINES FOR ALL AMERICAN STUDIES MAJORS AND CONCENTRATORS

Declaring the Major or Concentration

Although students generally declare their major or concentration in the spring of their sophomore year, students may want to take electives early on in areas that interest them but that later connect with the American studies major.

Grading

A grade lower than C- cannot be counted toward the major or concentration in American studies. A grade of C- can be counted only with the approval of the director or associate director. Pass/D/Fail courses do not count toward the major or concentration unless the course was taken before the student declared the major or concentration.

MAJOR IN AMERICAN STUDIES

A minimum of nine courses is required to complete the major.

Please note that as of January 2018 Major requirements have changed, beginning with the Class of 2020. Please consult with the department if there are any questions.

Two American Studies Core courses.

The following two courses are ordinarily required:

AMST UN1010	INTRO TO AMERICAN STUDIES
HIST UN2478	US INTELLECTUAL HIST 1865-PRES
or AMST UN3930	Topics in American Studies

Please note, the AMST UN3930 section MUST be Freedom and Citizenship in the U.S. to count towards the core course requirement

Two seminars in American Studies

AMST UN3930	Topics in American Studies
AMST UN3931	Topics in American Studies

Additional Courses

Four courses drawn from at least two departments, one of which must be in History and one of which must deal primarily with some aspect of American experience before 1900. (A course in U.S. History before 1900 would fulfill both requirements.)

Senior Research Project

The final requirement for the major in American Studies is completion of a senior essay, to be submitted in the spring of senior year. Alternatively, students may fulfill this requirement by taking an additional seminar in which a major paper is required or by writing an independent essay under the supervision of a faculty member. Seniors who wish to do a senior research project are required to take the Senior Project Colloquium AMST UN3920 in the fall of the senior year.

CONCENTRATION IN AMERICAN STUDIES

A minimum of 7 courses is required to complete the concentration. Please note that as of January 2018 Concentration requirements have changed, beginning with the Class of 2020. Please consult with the department if there are any questions.

Two American Studies Core courses.

The following are ordinarily required:

AMST UN1010	INTRO TO AMERICAN STUDIES
HIST UN2478	US INTELLECTUAL HIST 1865-PRES
or AMST UN3930	Topics in American Studies

Please note, the AMST UN3930 section MUST be Freedom and Citizenship in the U.S. to count towards the core course requirement

Additional Courses

Select five additional courses drawn from at least two departments, one of which must be in History, and one of which must deal with the period before 1900.

AMST UN1010 INTRO TO AMERICAN STUDIES. 4.00 points.

This course is an interdisciplinary exploration of the values and cultural expressions of the people of the United States since the late nineteenth century. We will examine a variety of works in literature, history, cultural and social criticism, music, the visual arts and the built environment with an eye to understanding how Americans of different backgrounds, living at different times and in different locations, have understood and argued about the meaning and significance of American national identity. Our goal is to make connections between different genres of expression and consider how different cultural forms have served as opportunities to ponder the meaning of modern life in the United States. Lectures and readings will give particular attention to the sites—real and imagined—where Americans have identified the promise and perils of American life. Discussion section required: AMST UN1011

Spring 2023: AMST UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 1010	001/12175	M W 1:10pm - 2:25pm 603 Hamilton Hall	Roosevelt Montas	4.00	44/60

AMST UN1011 INTRO TO AMERICAN STUDIES-DIS. 0.00 points.

Corequisites: AMST UN1010

Corequisites: AMST UN1010 This is the required discussion section for AMST UN1010 Intro to American Studies

AMST UN3920 SENIOR PROJECT COLLOQUIUM. 1.00 point.

Required for American studies students who intend to do a senior research project

This course is for American studies majors planning to complete senior projects in the spring. The course is designed to help students clarify their research agenda, sharpen their questions, and locate their primary and secondary sources. Through class discussions and a workshop peer review process, each member of the course will enter spring semester with a completed bibliography that will provide an excellent foundation for the work of actually writing the senior essay. The colloquium will meet every other week and is required for everyone planning to do a senior research project. Application due June 15. See American Studies website

Fall 2022: AMST UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3920	001/14886		Hilary-Anne Hallett	1.00	13/15

AMST UN3930 Topics in American Studies. 4 points.

Please refer to the Center for American Studies website for course descriptions for each section.
americanstudies.columbia.edu

Fall 2022: AMST UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	001/10028	T 2:10pm - 4:00pm 317 Hamilton Hall	Hilary-Anne Hallett	4	14/18
AMST 3930	002/10029	T 10:10am - 12:00pm 317 Hamilton Hall	James Shapiro	4	10/18
AMST 3930	003/10030	W 12:10pm - 2:00pm 317 Hamilton Hall	John McWhorter	4	7/18
AMST 3930	004/11089	W 10:10am - 12:00pm 317 Hamilton Hall	Roosevelt Montas	4	22/18
AMST 3930	005/12000	F 10:10am - 12:00pm 317 Hamilton Hall	Michael Hindus	4	11/18

AMST UN3931 Topics in American Studies. 4 points.

Please refer to the Center for American Studies for section descriptions

Spring 2023: AMST UN3931

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	001/12160	M 2:10pm - 4:00pm 317 Hamilton Hall	Andrew Delbanco, Roger Lehecka	4	13/15
AMST 3931	002/12169	T 4:10pm - 6:00pm 317 Hamilton Hall	Valerie Paley	4	15/19
AMST 3931	003/12168	T 6:10pm - 8:00pm 317 Hamilton Hall	Cathleen Price	4	9/15
AMST 3931	004/12167	W 12:10pm - 2:00pm 317 Hamilton Hall	Lynne Breslin	4	13/18
AMST 3931	005/12166	Th 4:10pm - 6:00pm 609 Hamilton Hall	Craig Blinderman	4	19/18
AMST 3931	006/12165	M 6:10pm - 8:00pm 317 Hamilton Hall	Benjamin Rosenberg	4	15/18
AMST 3931	007/12170	T 2:10pm - 4:00pm 317 Hamilton Hall	Casey Blake	4	18/18
AMST 3931	008/12172	W 4:10pm - 6:00pm 317 Hamilton Hall	Maura Spiegel	4	20/22

AMST UN3935 Indigenous Peoples of New York and New England. 4.00 points.

This course provides an interdisciplinary perspective on Native peoples of present-day New York and New England and on their interactions with settler colonial societies (French, Spanish, British, US). Most of the reading will be by Native authors. In order to provide a firm historical foundation for understanding the dynamics of Indigenous and colonial history our emphasis will be on the period between European settlement and the nineteenth century. Coverage will not be exhaustive; there are too many Native nations in this region for that to be possible. Our focus rather will be on major turning

points in Native history which have become flashpoints for controversy among scholars and in the broader public sphere: the relationship between Indians and Pilgrims, King Philip's War, the so-called Indian Great Awakening, and others. We will also familiarize ourselves with present-day debates in Indigenous Studies including those pertaining to the idea of "ethnographic refusal"—i.e., the idea that Indigenous peoples should resist sharing information about their traditional cultures with non-Indian outsiders especially in academic spaces, where the study of Native Americans has often worked against Indigenous interests. The course should appeal broadly to students interested in Native history, literature, religion, and legal studies

AMST UN3990 SENIOR RESEARCH SEMINAR. 4.00 points.

Open to American Studies seniors doing a research project.

Prerequisites: AMST UN3920

Prerequisites: AMST UN3920 A seminar devoted to the research and writing, under the instructors supervision, of a substantial paper on a topic in American studies. Class discussions of issues in research, interpretation, and writing

Spring 2023: AMST UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3990	001/17433		Hilary-Anne Hallett	4.00	11/13

AMST UN3997 SUPERVISED INDIVIDUAL RESEARCH. 1.00-4.00 points.

For students who want to do independent study of topics not covered by normal program offerings, or for senior American studies majors working on the Senior Honors Project independent of 3990y. The student must find a faculty sponsor and work out a plan of study; a copy of this plan should be submitted to the program director

Fall 2022: AMST UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3997	001/18917		Robert Amdur	1.00-4.00/1	

AMHS GU4462 IMMIGRANT NEW YORK. 4.00 points.**HIST UN2478 US INTELLECTUAL HIST 1865-PRES. 4.00 points.**

This course examines major themes in U.S. intellectual history since the Civil War. Among other topics, we will examine the public role of intellectuals; the modern liberal-progressive tradition and its radical and conservative critics; the uneasy status of religion in a secular culture; cultural radicalism and feminism; critiques of corporate capitalism and consumer culture; the response of intellectuals to hot and cold wars, the Great Depression, and the upheavals of the 1960s. Fields(s): US

Fall 2022: HIST UN2478

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2478	001/10586	M W 4:10pm - 5:25pm	Casey Blake	4.00	63/90

HIST 2478 AU1/18636	329 Pupin			
	Laboratories			
	M W 4:10pm -	Casey	4.00	15/15
	5:25pm	Blake		
	329 Pupin			
	Laboratories			

ANCIENT STUDIES

Program Office: 617 Hamilton; 212-854-3902;
classics@columbia.edu
<http://www.columbia.edu/cu/classics/>

Director of Undergraduate Studies: Prof. Marcus Folch,
 617C Hamilton Hall; (212) 854-5684; mf2664@columbia.edu

Director of Academic Administration and Finance: Juliana
 Driever, 617 Hamilton; 212-854-2726; jd2185@columbia.edu

The purpose of this program is to enable the student to explore the cultural context of the ancient Mediterranean as a whole while concentrating on one specific Mediterranean or Mesopotamian culture. Central to the concept of the program is its interdisciplinary approach, in which the student brings the perspectives and methodologies of at least three different disciplines to bear on his or her area of specialization.

Faculty participating in the program are scholars specializing in all aspects of ancient culture and civilization from the Departments of Anthropology; Art History and Archaeology; Classics; History; Middle Eastern, South Asian, and African Studies; Philosophy; and Religion, ensuring that a wide variety of approaches are available.

Course offerings vary year to year. Students are required to discuss their program prior to or during registration. The culmination of the ancient studies major comes in the senior year, when students with different areas of specialization come together to share their ideas in the senior seminar and then to write a substantial piece of original research. Students should think about topics for their senior paper during the junior year and find a faculty adviser at the beginning of the fall term of their senior year, after consulting with the director of undergraduate studies.

In the senior year, students register for ANCS UN3996 during the fall, and ANCS UN3998 DIRCTD RSRCH-ANCIENT STUDIES I is usually taken during the spring. Sections should be arranged directly with the academic departmental administrator after finding a faculty adviser.

GUIDELINES FOR ALL ANCIENT STUDIES MAJORS

Grading

Advanced placement credits and courses passed with a grade of D may not be counted toward the major.

Courses

In an interdisciplinary program, courses that are available may on occasion have a substantial overlap in content. Since credit cannot be given twice for the same work, no courses may be counted toward the major that overlap significantly with courses already taken or in progress.

It is the student's responsibility to discuss his or her program with the director of undergraduate studies well in advance and to provide him or her with all the necessary information on the courses concerned, since failure to do so may result in a course not being counted after it has already been taken.

Any course in the Department of Classics may be credited toward the major.

MAJOR IN ANCIENT STUDIES

The major in ancient studies requires 12 courses (a minimum of 36 points), two of which must be:

Major Seminar

ANCS UN3996	THE MAJOR SEMINAR
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Senior Thesis

ANCS UN3998	DIRCTD RSRCH-ANCIENT STUDIES I
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The selected program of study for the major must collectively satisfy the following criteria:

Language Study *

Select two courses of an ancient language at or above the intermediate level, i.e., 1200-level or above.

Fundamental Breadth **

Select two introductory courses on some aspect of the ancient Mediterranean. Some examples include:

HIST UN1010	ANCIENT GREEK HIST, 800-146 BC
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AHIS UN3248	Greek Art and Architecture
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AHIS UN3250	Roman Art and Architecture
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PHIL UN2101	HISTORY OF PHILOSOPHY I
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CLLT UN3132	Classical Myth
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Advanced Study

Select two advanced courses on the ancient Mediterranean, typically at the 3000- or 4000-level.

Cultural Concentration

Select four courses on the culture of the language chosen, including one history course.

*

The minimum language requirement must be completed by the end of the first semester of the student's senior year, so that the student is equipped to use sources in the original language in their thesis. Students are strongly urged to begin study of an ancient language as soon as possible and to complete more than the minimum requirements, since the best way to gain an understanding of a culture is through the actual words of its people. Those considering graduate work on the ancient world should also be aware that most graduate schools require more than two years of undergraduate language training for admission. The language offered in fulfillment of this requirement should generally match the student's area of cultural concentration; special arrangements are available with other universities for students whose cultural concentration require languages not normally taught at Columbia.

Students entering with expertise in their chosen languages are placed in advanced courses as appropriate but are still required to complete at least two semesters of language courses at Columbia; exceptions to this policy may be made in the case of languages not normally taught at Columbia. Language courses at the *1100*-level may not be counted toward the major. Language courses, including those at the *1100*-level, must be taken for a letter grade.

**

Relevant introductory courses are offered by the Department of Classics or from offerings in the Programs or Departments of Ancient Studies, Art History and Archaeology, History, Philosophy, or Religion. Students should confirm a course's relevance with the director of undergraduate studies as soon as possible.

OF RELATED INTEREST

Art History and Archaeology

AHIS UN3248	Greek Art and Architecture
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Classics

GREK UN1101	ELEMENTARY GREEK I
LATN UN1101	ELEMENTARY LATIN I
GREK UN1102	ELEMENTARY GREEK II
LATN UN1102	ELEMENTARY LATIN II
LATN V1120	Preparation for Intermediate Latin
GREK UN1121	INTENSIVE ELEMENTARY GREEK
LATN UN1121	INTENSIVE ELEMENTARY LATIN
GREK UN2101	INTERMEDIATE GREEK: PROSE
LATN UN2101	INTERMEDIATE LATIN I
LATN UN2102	INTERMEDIATE LATIN II
CLLT UN3132	Classical Myth
CLCV GU4110	Gender and Sexuality In Ancient Greece

History

HIST W4024	The Golden Age of Athens
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Philosophy

PHIL UN2101	HISTORY OF PHILOSOPHY I
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Religion

RELI V3120	Introduction to the New Testament
RELI V3140	Early Christianity

Women's and Gender Studies

WMST GU4300	Queer Theory/ Visual Culture
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ANTHROPOLOGY

Departmental Office: 452 Schermerhorn; 212-854-4552
<http://www.columbia.edu/cu/anthropology>

Director of Undergraduate Studies:

Professor Naor Ben-Yehoyada; 470 Schermerhorn Extension; 212 854-8936; nhb2115@columbia.edu; Professor Maria José de Abreu; 957 Schermerhorn Extension; 212-854-4752; md3605@columbia.edu, Fall 2022

Departmental Consultants:

Archaeology: Prof. Zoë Crossland, 965 Schermerhorn Extension; 212-854-7465; zc2149@columbia.edu (zc2149@columbia.edu) Office Hours are by appointment
Biological/Physical Anthropology: Prof. Ralph Holloway, 856 Schermerhorn Extension; 212-854-4570; rlh2@columbia.edu

Anthropology at Columbia is the oldest department of anthropology in the United States. Founded by Franz Boas in 1896 as a site of academic inquiry inspired by the uniqueness of cultures and their histories, the department fosters an expansiveness of thought and independence of intellectual pursuit.

Cross-cultural interpretation, global socio-political considerations, a markedly interdisciplinary approach, and a willingness to think otherwise have formed the spirit of anthropology at Columbia. Boas himself wrote widely on pre-modern cultures and modern assumptions, on language, race, art, dance, religion, politics, and much else, as did his graduate students including, most notably, Ruth Benedict and Margaret Mead.

In these current times of increasing global awareness, this same spirit of mindful interconnectedness guides the department. Professors of anthropology at Columbia today write widely on colonialism and postcolonialism; on matters of gender, theories of history, knowledge, and power; on language, law, magic, mass-mediated cultures, modernity, and flows of capital and desire; on nationalism, ethnic imaginations, and political contestations; on material cultures and environmental conditions; on ritual, performance, and the arts; and on linguistics, symbolism, and questions of representation. Additionally, they write across worlds of similarities and differences concerning the Middle East, China, Africa, the Caribbean, Japan, Latin America, South Asia, Europe, Southeast Asia, North America, and other increasingly transnational and technologically virtual conditions of being.

The Department of Anthropology traditionally offered courses and majors in three main areas: sociocultural anthropology, archaeology, and biological/physical anthropology. While the sociocultural anthropology program now comprises the largest part of the department and accounts for the majority of faculty and course offerings, archaeology is also a vibrant program within anthropology whose interests overlap significantly with those of sociocultural anthropology. Biological/physical anthropology has shifted its program to the Department of Ecology, Evolution, and Environmental Biology. The Anthropology Department enthusiastically encourages cross-disciplinary dialogue across disciplines as well as participation in study abroad programs.

SOCIOCULTURAL ANTHROPOLOGY

At the heart of sociocultural anthropology is an exploration of the possibilities of difference and the craft of writing. Sociocultural anthropology at Columbia has emerged as a particularly compelling undergraduate liberal arts major. Recently, the number of majors in sociocultural anthropology has more than tripled.

Students come to sociocultural anthropology with a wide variety of interests, often pursuing overlapping interests in, for example, performance, religion, writing, law, ethnicity, mass-media, teaching, language, literature, history, human rights, art, linguistics, environment, medicine, film, and many other fields, including geographical areas of interest and engagement. Such interests can be brought together into provocative and productive conversation with a major or concentration in sociocultural anthropology. The requirements for a major in sociocultural anthropology reflect this intellectual expansiveness and interdisciplinary spirit.

ARCHAEOLOGY

Archaeologists study the ways in which human relations are mediated through material conditions, both past and present. Particular emphases in the program include the development of ancient states and empires, especially in the indigenous Americas; the impact of colonial encounters on communities in the American Southwest, the Levant and Africa; and human-animal relations in prehistory, religion and ritual, and the archaeology of the dead.

Themes in our teaching include the political, economic, social, and ideological foundations of complex societies; and archaeological theory and its relationship to broader debates in social theory, technology studies, and philosophy. Faculty members also teach and research on questions of museum representations, archaeological knowledge practices, and the socio-politics of archaeology. The program includes the possibility of student internships in New York City museums and archaeological fieldwork in the Americas and elsewhere.

ADVISING

Majors and concentrators should consult the director of undergraduate studies when entering the department and devising programs of study. Students may also seek academic advice from any anthropology faculty member, as many faculty members hold degrees in several fields or positions in other departments and programs at Columbia. All faculty in the department are committed to an expansiveness of thought and an independence of intellectual pursuit and advise accordingly.

SENIOR THESIS

Anthropology majors with a minimum GPA of 3.6 in the major who wish to write an honors thesis for departmental honors consideration may enroll in ANTH UN3999 SENIOR THESIS SEM IN ANTHROPOL. Students should have a preliminary concept for their thesis prior to course enrollment. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

PROFESSORS

Nadia Abu El-Haj (Barnard)
 Lila Abu-Lughod
 Partha Chatterjee, Professor Emeritus of Anthropology
 Myron L. Cohen
 Zoe Crossland
 Terence D'Altroy
 Ralph L. Holloway, Professor Emeritus of Anthropology
 Claudio Lomnitz
 Mahmood Mamdani
 Brinkley Messick
 Rosalind Morris
 Elizabeth Povinelli
 Nan Rothschild (Barnard, *emerita*)
 David Scott, Department Chair
 Lesley A. Sharp (Barnard)
 Michael Taussig, Professor Emeritus of Anthropology
 Paige West (Barnard)

ASSOCIATE PROFESSORS

Catherine Fennell
 Severin Fowles (Barnard)
 Marilyn Ivy
 Brian Larkin (Barnard)
 John Pemberton
 Audra Simpson

ASSISTANT PROFESSORS

Vanessa Agard-Jones
 Naor Ben-Yehoyada
 Hannah Rachel Chazin
 Maria Jose de Abreu

LECTURERS

Brian Boyd
Ellen Marakowitz
Karen Seeley

ADJUNCT RESEARCH SCHOLAR GUIDELINES FOR ALL ANTHROPOLOGY MAJORS AND CONCENTRATORS

Grading

No course with a grade of D or lower can count toward the major or concentration. Only the first course that is to count toward the major or concentration can be taken Pass/D/Fail.

Courses

Courses offered in other departments count toward the major and concentration only when taught by a member of the Department of Anthropology. Courses from other departments not taught by anthropology faculty must have the approval of the director of undergraduate studies in order to count toward the major or concentration.

MAJOR IN ANTHROPOLOGY

The requirements for this program were modified on January 29, 2016.

The program of study should be planned as early as possible in consultation with the director of undergraduate studies.

The anthropology major requires 30 points in the Department of Anthropology.

Sociocultural Focus

Students interested in studying sociocultural anthropology are required to take the following courses:

ANTH UN1002	THE INTERPRETATION OF CULTURE
ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
ANTH UN2005	THE ETHNOGRAPHIC IMAGINATION

Archaeology Focus

Students interested in studying archaeological anthropology are required to take the following courses:

ANTH UN1002	THE INTERPRETATION OF CULTURE
ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
ANTH UN2028	THINK LIKE AN ARCHAEOLOGIST

NOTE: Students wishing to pursue an interdisciplinary major in archaeology should see the *Archaeology* section of this Bulletin.

Biological/Physical Focus

Students interested in studying this field should refer to the major in evolutionary biology of the human species in the Department of Ecology, Evolution, and Environmental Biology.

CONCENTRATION IN ANTHROPOLOGY

The anthropology concentration requires 20 points in the Department of Anthropology.

Sociocultural Focus

Students interested in studying sociocultural anthropology are required to take the following course:

ANTH UN1002	THE INTERPRETATION OF CULTURE
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Archaeology Focus

Students interested in studying archaeological anthropology are required to take the following course:

ANTH UN2028	THINK LIKE AN ARCHAEOLOGIST
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Biological/Physical Focus

Students interested in pursuing study in this field should refer to the concentration in evolutionary biology of the human species in the Department of Ecology, Evolution, and Environmental Biology.

FALL 2022 SOCIOCULTURAL ANTHROPOLOGY ANTH UN1002 THE INTERPRETATION OF CULTURE. 3.00 points.

The anthropological approach to the study of culture and human society. Case studies from ethnography are used in exploring the universality of cultural categories (social organization, economy, law, belief system, art, etc.) and the range of variation among human societies

Fall 2022: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/10256	M W 10:10am - 11:25am 106 Jerome L Greene Hall	Naor Ben-Yehoyada	3.00	90/120

Spring 2023: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/12207	M W 10:10am - 11:25am Ren Kraft Center	Syantani Chatterjee	3.00	64/100

ANTH UN3729 Burning Down the House: Anthropology of Revolution. 4.00 points.

In this course, we are going to examine political imagination in revolutionary times and discuss issues of representation and authorship that emerge when people mobilize for change. Taking lessons from anthropology, critical theory, queer and feminist theory, as well as postcolonial and Black studies, we will apply a method of critical inquiry to readings of the revolution as historical concept and as a lived experience. We will examine not simply “what happened”, but how we came to know about it: What determines whether a popular uprising is written into history as a “revolution” or dismissed as a “riot”? What does it mean for a revolution to “succeed”? Who gets to author the revolution as such — the people on the street, the people who take power, or the people writing about the event after it happened? Who gets to be the protagonists of the revolution, and who are left out? How does class, race and gender figure into this hierarchy of voice? We will apply these questions in reading two contemporary uprisings that get to the heart of the tensions between “identarian” and “universal” political claims: The Movement for Black Lives in the US, and Lebanon’s civil uprising of 2019-20. Both uprisings mobilized against racial capitalism and sectarianism and were met with state and police violence. We will examine the political critique that emerged from these uprisings, and how they might enable a critique of the political as an exclusionary concept. By reading activist, scholarly and artist interpretations of the uprisings, including film, dance, poetry, and manifestos, we will ask: What new forms of political mobilization and visions emerge from this critique?

Fall 2022: ANTH UN3729

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3729	001/12867	Th 4:10pm - 6:00pm 963 Ext Schermerhorn Hall	Anna Reumert	4.00	14/18

ANTH UN1003 The Environment. 3.00 points.

This course introduces students to the fundamental idea of an “environment” and its concomitant concepts of crisis, climate, history, planet, and humanity. The course considers these concepts from within the humanities, while also offering a global and anthropological perspective. Through lectures, discussions, and assignments students will become familiar with major academic debates in environmental humanities and environmental studies. Students from all areas of study are welcome and no prior knowledge of the material is necessary.

Fall 2022: ANTH UN1003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1003	001/12554	T Th 10:10am - 11:25am 603 Hamilton Hall	Sonia Ahsan	3.00	44/50

ANTH UN1007 THE ORIGINS OF HUMAN SOCIETY. 3.00 points.

Mandatory recitation sections will be announced first week of classes.

An archaeological perspective on the evolution of human social life from the first bipedal step of our ape ancestors to the establishment of large sedentary villages. While traversing six million years and six continents, our explorations will lead us to consider such major issues as the development of human sexuality, the origin of language, the birth of “art” and religion, the domestication of plants and animals, and the foundations of social inequality. Designed for anyone who happens to be human

Fall 2022: ANTH UN1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1007	001/00691	T Th 1:10pm - 2:25pm 304 Barnard Hall	Camilla Sturm	3.00	103/140

ANTH UN2004 INTRO TO SOC # CULTURAL THEORY. 3.00 points.

This course presents students with crucial theories of society, paying particular attention at the outset to classic social theory of the early 20th century. It traces a trajectory of writings essential for an understanding of the social: from Saussure, Durkheim, Mauss, Weber, and Marx, on to the structuralist ethnographic elaboration of Claude Levi-Strauss and the historiographic reflections on modernity of Michel Foucault. We revisit periodically, writings from Franz Boas, founder of anthropology in the United States (and of Anthropology at Columbia), for a sense of origins, an early anthropological critique of racism and cultural chauvinism, and a prescient denunciation of fascism. We turn as well, also with ever-renewed interest in these times, to the expansive critical thought of W. E. B. Du Bois. We conclude with Kathleen Stewart’s *A Space on the Side of the Road*—an ethnography of late-twentieth-century Appalachia and the haunted remains of coal-mining country—with its depictions of an uncanny otherness within dominant American narratives.

Fall 2022: ANTH UN2004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2004	001/10262	M W 1:10pm - 2:25pm 633 Seeley W. Mudd Building	John Pemberton	3.00	49/60

ANTH UN3040 ANTHROPOLOGICAL THEORY. 4.00 points.

Open to majors; all others with instructor's permission.

Prerequisites: an introductory course in anthropology. Comprehensive and in-depth engagement with foundational and contemporary theoretical concepts and texts in Anthropology. Required of all Barnard students majoring in Anthropology (including specialized tracks). Permission of instructor required for non-majors. Not open to First Year students. Prerequisite: an introductory (1000 level) course in Anthropology

Fall 2022: ANTH UN3040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 001/00492 W 10:10am - Lesley 4.00 27/30
3040 11:25am Sharp
207 Milbank Hall

ANTH BC3234 Indigenous Place-Thought. 4.00 points.

This seminar considers what it means to be of a place and to think with and be committed to that place—environmentally, politically, and spiritually. After locating ourselves in our own particular places and place-based commitments, our attention turns to the Indigenous traditions of North America, to accounts of tribal emergence and pre-colonial being, to colonial histories of land dispossession, to ongoing struggles to protect ecological health and land-based sovereignty, to the epistemological and moral systems that have developed over the course of many millennia of living with and for the land, and to the contributions such systems might make to our collective future. The seminar's title is borrowed from an essay on "Indigenous place-thought" by Mohawk/Anishinaabe scholar Vanessa Watts

Fall 2022: ANTH BC3234

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3234	001/00422	T Th 4:10pm - 5:25pm 202 Milbank Hall	Severin Fowles	4.00	22/15

ANTH UN3663 The Ancient Table: Archaeology of Cooking and Cuisine. 4.00 points.

Prerequisites: None

Prerequisites: None Humans don't just eat to live. The ways we prepare, eat, and share our food is a complex reflection of our histories, environments, and ideologies. Whether we prefer coffee or tea, cornbread or challah, chicken breast or chicken feet, our tastes are expressive of social ties and social boundaries, and are linked to ideas of family and of foreignness. How did eating become such a profoundly cultural experience? This seminar takes an archaeological approach to two broad issues central to eating: First, what drives human food choices both today and in the past? Second, how have social forces shaped practices of food acquisition, preparation, and consumption (and how, in turn, has food shaped society)? We will explore these questions from various evolutionary, physiological, and cultural viewpoints, highlighted by information from the best archaeological and historic case studies. Topics that will be covered include the nature of the first cooking, beer-brewing and feasting, writing of the early recipes, gender roles and 'domestic' life, and how a national cuisine takes shape. Through the course of the semester we will explore food practices from Pleistocene Spain to historic Monticello, with particular emphasis on the earliest cuisines of China, Mesoamerica, and the Mediterranean

Fall 2022: ANTH UN3663

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3663	001/00423	W 12:10pm - 2:00pm 502 Diana Center	Camilla Sturm	4.00	17/16

ANTH UN3702 Black/Life/Science. 4.00 points.

What is the relationship of the production of scientific knowledge to Black life in the Americas? What can thinking that arises out of the intellectual traditions of Black Studies contribute to our understandings of the many genres of science (social, physical, earth, life) and their relationship to justice? Building from these essential questions, this course offers a framework for considering the ways that canonical sciences have constrained, categorized, and delimited Black lives, exploring such themes as: technoscientific constructions of race difference, epigenetic theories about the heritability of trauma, histories of biomedical experimentation, the long durée of eugenicist thinking, and the relationship of racialized (and gendered) bodies to their environments. We will also explore scientific scripts emergent from "below," like: folk healing, speculative fictions, and Black nationalist origin stories, that have and continue to be sources of imaginative and emancipatory promise. In addition to developing the capacity to read widely across genres of science and critical studies thereof, students will develop skills in the deconstruction and speculative refiguring of scientific discourse

Fall 2022: ANTH UN3702

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3702	001/12546	T 12:10pm - 2:00pm 963 Ext Schermerhorn Hall	Vanessa Agard-Jones	4.00	16/14

ANTH UN3823 ARCH ENGAGE: PAST IN PUB EYE. 4.00 points.

Enrollment limited to 15. Enrollment Priorities: Seniors and Juniors in ARCH or ANTH

This course provides a panoramic, but intensive, inquiry into the ways that archaeology and its methods for understanding the world have been marshaled for debate in issues of public interest. It is designed to examine claims to knowledge of the past through the lenses of alternative epistemologies and a series of case-based problems that range from the academic to the political, legal, cultural, romantic, and fraudulent

Fall 2022: ANTH UN3823

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3823	001/10689	M 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	Terence D'Altroy	4.00	11/15

ANTH BC3871 SENIOR THESIS SEMINAR I. 4.00 points.

Prerequisites: Limited to Barnard Anthropology Seniors. Offered every Fall. Discussion of research methods and planning and writing of a Senior Essay in Anthropology will accompany research on problems of interest to students, culminating in the writing of individual Senior Essays. The advisory system requires periodic consultation and discussion between the student and her adviser as well as the meeting of specific deadlines set by the department each semester. Limited to Barnard Senior Anthropology Majors

Fall 2022: ANTH BC3871

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3871	001/00420	M 4:10pm - 6:00pm 502 Diana Center	Paige West, Nadia Abu El-Haj, J.C. Salyer, Camilla Sturm	4.00	23/26

ANTH UN3879 THE MEDICAL IMAGINARY. 4.00 points.
Enrollment limited to 15. Instructor's permission required. Non anthropology majors require instructor's permission.

How might we speak of an imaginary within biomedicine? This course interrogates the ideological underpinnings of technocratic medicine in contexts that extend from the art of surgery to patient participation in experimental drug trials. Issues of scale will prove especially important in our efforts to track the medical imaginary from the whole, fleshy body to the molecular level. Key themes include everyday ethics; ways of seeing and knowing; suffering and hope; and subjectivity in a range of medical and sociomedical contexts. Open to anthropology majors; non-majors require instructor's permission. Enrollment limit is 15

Fall 2022: ANTH UN3879

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3879	001/00424	M 2:00pm - 4:00pm 227 Milbank Hall	Lesley Sharp	4.00	4/15

ANTH UN3888 ECOCRITICISM FOR THE END TIMES. 4.00 points.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. This seminar aims to show what an anthropologically informed, ecocritical cultural studies can offer in this moment of intensifying ecological calamity. The course will not only engage significant works in anthropology, ecocriticism, philosophy, literature, politics, and aesthetics to think about the environment, it will also bring these works into engaged reflection on living in the end times (borrowing cultural critic Slavoj Zizeks phrase). The seminar will thus locate critical perspectives on the environment within the contemporary worldwide ecological crisis, emphasizing the ethnographic realities of global warming, debates on nuclear power and energy, and the place of nature. Drawing on the professors long experience in Japan and current research on the aftermath of the Fukushima Daiichi nuclear power plant disaster, the seminar will also take care to unpack the notion of end times, with its apocalyptic implications, through close considerations of works that take on the question of ecocatastrophe in our times. North American and European perspectives, as well as international ones (particularly ones drawn from East Asia), will give the course a global reach

Fall 2022: ANTH UN3888

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3888	001/10259	W 2:10pm - 4:00pm	Marilyn Ivy	4.00	17/15

467 Ext

Schermerhorn Hall

ANTH BC3911 SOCIAL CONTEXTS IMMIGRATN LAW. 4.00 points.

Examines the historical and contemporary social, economic, and political factors that shape immigration law and policy along with the social consequences of those laws and policies. Addresses the development and function of immigration law and aspects of the immigration debate including unauthorized immigration, anti-immigration sentiments, and critiques of immigration policy

Fall 2022: ANTH BC3911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3911	001/00425	M 10:10am - 12:00pm 502 Diana Center	J.C. Salyer	4.00	26/25

ANTH BC3932 CLIM CHNG/GLOBAL MIGR/HUM RGT. 4.00 points.

While the existence of processes of anthropogenic climate change is well established, predictions regarding the future consequences of these processes are far less certain. In no area is the uncertainty regarding near and long term effects as pronounced as in the question of how climate change will affect global migration. This course will address the issue of climate migration in four ways. First, the course will examine the theoretical and empirical literatures that have elucidated the nature of international migration in general. Second, the course will consider the phenomena of anthropogenic climate change as it relates to migration. Third, the course will consider how human rights and other legal regimes do or do not address the humanitarian issues created by anthropogenic climate change. Fourth, the course will synthesize these topics by considering how migration and climate change has arisen as a humanitarian, political, and economic issue in the Pacific. Human Rights elective

Fall 2022: ANTH BC3932

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3932	001/00426	M 2:10pm - 4:00pm 501 Diana Center	J.C. Salyer	4.00	25/30

ANTH UN3937 MEDIA THEORY, MEDIA PRACTICE. 4.00 points.

Prerequisites: at least one course in anthropology or social theory.

How do new media technologies affect social worlds? What is the relationship between mass mediation and modernity? Explores the force of media technology and its relationship to transnational forms of capital, to the development of new subjectivities, and to the rise of new networks of power and social relations.

Fall 2022: ANTH UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3937	001/10267	T 4:10pm - 6:00pm	Rosalind Morris	4.00	9/22

963 Ext
Schermerhorn Hall

ANTH UN3970 BIOL BASIS OF HUMAN VARIATION. 4.00 points.

Enrollment limited to 15.

Prerequisites: ANEB UN1010 and the instructor's permission.
Prerequisites: ANEB UN1010 and the instructor's permission.
Biological evidence for the modern human diversity at the molecular, phenotypical, and behavioral levels, as distributed geographically

Fall 2022: ANTH UN3970

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3970	001/10684	Th 4:10pm - 6:00pm 467 Ext Schermerhorn Hall	Ralph Holloway	4.00	7/10

ANTH UN3997 SUPERVISED INDIVIDUAL RESEARCH. 2.00-6.00 points.

Prerequisite: the written permission of the staff member under whose supervision the research will be conducted

Fall 2022: ANTH UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3997	001/10597		Nadia Abu El-Haj	2.00-6.00/10	
ANTH 3997	002/10598		Lila Abu-Lughod	2.00-6.00/10	
ANTH 3997	003/10599		Vanessa Agard-Jones	2.00-6.00/10	
ANTH 3997	004/10601		Naor Ben-Yehoyada	2.00-6.00/10	
ANTH 3997	005/10607		Brian Boyd	2.00-6.00/10	
ANTH 3997	006/10886		Marco Castro	2.00-6.00/10	
ANTH 3997	007/10890		Hannah Chazin	2.00-6.00/10	
ANTH 3997	008/10892		Zoe Crossland	2.00-6.00/10	
ANTH 3997	009/10895		Terence D'Altroy	2.00-6.00/10	
ANTH 3997	010/10899		Maria Jose de Abreu	2.00-6.00/10	
ANTH 3997	011/10900		Catherine Fennell	2.00-6.00/10	
ANTH 3997	012/10901		Severin Fowles	2.00-6.00/10	
ANTH 3997	013/10902		Marilyn Ivy	2.00-6.00/10	
ANTH 3997	014/10903		Brian Larkin	2.00-6.00/10	
ANTH 3997	015/10904		Claudio Lomnitz	2.00-6.00/10	
ANTH 3997	016/10905		Mahmood Mamdani	2.00-6.00/10	
ANTH 3997	017/10907		Ellen Marakowitz	2.00-6.00/10	
ANTH 3997	018/10908		Juan Mazariegos	2.00-6.00/10	

ANTH 3997	019/10909	Brinkley Messick	2.00-6.00/10
ANTH 3997	020/10910	Rosalind Morris	2.00-6.00/10
ANTH 3997	021/10911	John Pemberton	2.00-6.00/10
ANTH 3997	022/10912	Elizabeth Povinelli	2.00-6.00/10
ANTH 3997	023/10914	David Scott	2.00-6.00/10
ANTH 3997	024/10916	Karen Seeley	2.00-6.00/10
ANTH 3997	025/10917	Lesley Sharp	2.00-6.00/10
ANTH 3997	026/10918	Audra Simpson	2.00-6.00/10
ANTH 3997	027/10919	Camilla Sturm	2.00-6.00/10
ANTH 3997	028/10922	Paige West	2.00-6.00/10
ANTH 3997	029/10923	Sally Yerkovich	2.00-6.00/10

ANTH UN3999 SENIOR THESIS SEM IN ANTHROPOL. 4.00 points.

Enrollment limited to 15. Open to CC and GS majors in Anthropology only.

Prerequisites: The instructor's permission. Students must have declared a major in Anthropology prior to registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students must communicate/meet with thesis instructor in the previous spring about the possibility of taking the course during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term.

Prerequisites: The instructors permission. Students must have declared a major in Anthropology prior to registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students must communicate/meet with thesis instructor in the previous spring about the possibility of taking the course during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term. This two-term course is a combination of a seminar and a workshop that will help you conduct research, write, and present an original senior thesis in anthropology. Students who write theses are eligible to be considered for departmental honors. The first term of this course introduces a variety of approaches used to produce anthropological knowledge and writing; encourages students to think critically about the approaches they take to researching and writing by studying model texts with an eye to the ethics, constraints, and potentials of anthropological research and writing; and

gives students practice in the seminar and workshop formats that are key to collegial exchange and refinement of ideas. During the first term, students complete a few short exercises that will culminate in a substantial draft of one discrete section of their senior project (18-20 pages) plus a detailed outline of the expected work that remains to be done (5 pages). The spring sequence of the anthropology thesis seminar is a writing intensive continuation of the fall semester, in which students will have designed the research questions, prepared a full thesis proposal that will serve as a guide for the completion of the thesis and written a draft of one chapter. Only those students who expect to have completed the fall semester portion of the course are allowed to register for the spring; final enrollment is contingent upon successful completion of first semester requirements. In spring semester, weekly meetings will be devoted to the collaborative refinement of drafts, as well as working through issues of writing (evidence, voice, authority etc.). All enrolled students are required to present their project at a symposium in the late spring, and the final grade is based primarily on successful completion of the thesis/ capstone project. Note: The senior thesis seminar is open to CC and GS majors in Anthropology only. It requires the instructor's permission for registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students should communicate with the thesis instructor and the director of undergraduate study in the previous spring about the possibility of taking the course during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term. Enrollment limit is 15. Requirements: Students must have completed the requirements of the first semester of the sequence and seek instructor approval to enroll in the second

Fall 2022: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/10257	M 4:10pm - 6:00pm 457 Ext Schermerhorn Hall	Lila Abu-Lughod	4.00	9/10

Spring 2023: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/12322	M 12:10pm - 2:00pm 951 Ext Schermerhorn Hall	Brinkley Messick	4.00	7/10

ANHS GU4001 THE ANCIENT EMPIRES. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The principal goal of this course is to examine the nature and histories of a range of early empires in a comparative context. In the process, we will examine influential theories that have been proposed to account for the emergence and trajectories of those empires. Among the theories are the core-periphery, world-systems, territorial-hegemonic, tributary-capitalist, network, and IEMP approaches. Five regions of the world have

been chosen, from the many that could provide candidates: Rome (the classic empire), New Kingdom Egypt, Qin China, Aztec Mesoamerica, and Inka South America. These empires have been chosen because they represent a cross-section of polities ranging from relatively simple and early expansionist societies to the grand empires of the Classical World, and the most powerful states of the indigenous Americas. There are no prerequisites for this course, although students who have no background in Anthropology, Archaeology, History, or Classics may find the course material somewhat more challenging than students with some knowledge of the study of early societies. There will be two lectures per week, given by the professor

Fall 2022: ANHS GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANHS 4001	001/10688	T Th 11:40am - 12:55pm 614 Schermerhorn Hall	Terence D'Altroy	3.00	87/120

ANTH GU4052 Post/Socialist Bodies. 4.00 points.

This upper-level seminar examines the cultures and politics of the body in socialist and postsocialist countries. As we will engage with embodied aspects of living under post/socialism, we will treat bodies as sites of political contestation, as well as makers and breakers of cultural worlds. Drawing on anthropological and historical scholarship, we will explore several thematic clusters: corporeal anchors of post/socialist political regimes and ideological formations, variability and commonality of bodily regimes across different post/socialist contexts, and the effects of the creation and dissolution of the Soviet Union on the viability, mortality, and vibrancy of life. We will develop an understanding of post/socialism as a political reality populated by a wide diversity of bodies: laboring and idle, cared and uncared for, gendered and racialized, craving and satiated, disabled and enhanced, among others. This course offers an account on post/socialist idiosyncrasies of the medicalization, politicization, economization, and moralization of the body

Fall 2022: ANTH GU4052

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4052	001/18308	T 10:10am - 12:00pm 409 International Affairs Bldg	Svetlana Borodina	4.00	16/15

ANTH GU4145 Zora. 3.00 points.

Zora Neale Hurston—Barnard College '28 and a once-graduate student in Columbia's department of Anthropology—was a pioneering chronicler of Black folklore, a student of Black expression, and a creative imaginer of Black worlds via her novels, short stories, plays and poetry. From her travels throughout the U.S. South, to Haiti, Jamaica, and beyond, Hurston took as her mission a diasporic articulation of Black life in the Americas. In this seminar, we ask what a deep reading of Hurston's oeuvre can teach us about the history of Anthropology, about the blurry borders between fiction and

ethnography, and about the legacies that her work leaves—in communities of scholarly practice and beyond

Fall 2022: ANTH GU4145

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4145	001/10258	W 10:10am - 12:00pm 963 Ext Schermerhorn Hall	Vanessa Agard-Jones	3.00	15/14

ANTH GU4172 WRITTEN CULTURE. 3.00 points.

Fall 2022: ANTH GU4172

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4172	001/10261	M 10:10am - 12:00pm 467 Ext Schermerhorn Hall	Brinkley Messick	3.00	12/20

ARCHAEOLOGY

ANTH UN1007 THE ORIGINS OF HUMAN SOCIETY. 3.00 points.

Mandatory recitation sections will be announced first week of classes.

An archaeological perspective on the evolution of human social life from the first bipedal step of our ape ancestors to the establishment of large sedentary villages. While traversing six million years and six continents, our explorations will lead us to consider such major issues as the development of human sexuality, the origin of language, the birth of “art” and religion, the domestication of plants and animals, and the foundations of social inequality. Designed for anyone who happens to be human

Fall 2022: ANTH UN1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1007	001/00691	T Th 1:10pm - 2:25pm 304 Barnard Hall	Camilla Sturm	3.00	103/140

ANTH UN3151 Living with Animals: Anthropological Perspective. 4 points.

This course examines how humans and animals shape each other’s lives. We’ll explore the astounding diversity of human-animal relationships in time and space, tracing the ways animals have made their impact on human societies (and vice-versa). Using contemporary ethnographic, historical, and archaeological examples from a variety of geographical regions and chronological periods, this class will consider how humans and animals live and make things, and the ways in which humans have found animals “good to think with”. In this course, we will also discuss how knowledge about human-animal relationships in the past might change contemporary and future approaches to living with animals.

ANTH BC3234 Indigenous Place-Thought. 4.00 points.

This seminar considers what it means to be of a place and to think with and be committed to that place—environmentally, politically, and spiritually. After locating ourselves in our own

particular places and place-based commitments, our attention turns to the Indigenous traditions of North America, to accounts of tribal emergence and pre-colonial being, to colonial histories of land dispossession, to ongoing struggles to protect ecological health and land-based sovereignty, to the epistemological and moral systems that have developed over the course of many millennia of living with and for the land, and to the contributions such systems might make to our collective future. The seminar’s title is borrowed from an essay on “Indigenous place-thought” by Mohawk/Anishinaabe scholar Vanessa Watts

Fall 2022: ANTH BC3234

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3234	001/00422	T Th 4:10pm - 5:25pm 202 Milbank Hall	Severin Fowles	4.00	22/15

ANTH UN3663 The Ancient Table: Archaeology of Cooking and Cuisine. 4.00 points.

Prerequisites: None

Prerequisites: None Humans don’t just eat to live. The ways we prepare, eat, and share our food is a complex reflection of our histories, environments, and ideologies. Whether we prefer coffee or tea, cornbread or challah, chicken breast or chicken feet, our tastes are expressive of social ties and social boundaries, and are linked to ideas of family and of foreignness. How did eating become such a profoundly cultural experience? This seminar takes an archaeological approach to two broad issues central to eating: First, what drives human food choices both today and in the past? Second, how have social forces shaped practices of food acquisition, preparation, and consumption (and how, in turn, has food shaped society)? We will explore these questions from various evolutionary, physiological, and cultural viewpoints, highlighted by information from the best archaeological and historic case studies. Topics that will be covered include the nature of the first cooking, beer-brewing and feasting, writing of the early recipes, gender roles and ‘domestic’ life, and how a national cuisine takes shape. Through the course of the semester we will explore food practices from Pleistocene Spain to historic Monticello, with particular emphasis on the earliest cuisines of China, Mesoamerica, and the Mediterranean

Fall 2022: ANTH UN3663

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3663	001/00423	W 12:10pm - 2:00pm 502 Diana Center	Camilla Sturm	4.00	17/16

ANTH UN3823 ARCH ENGAGE: PAST IN PUB EYE. 4.00 points.

Enrollment limited to 15. Enrollment Priorities: Seniors and Juniors in ARCH or ANTH

This course provides a panoramic, but intensive, inquiry into the ways that archaeology and its methods for understanding the world have been marshaled for debate in issues of public interest. It is designed to examine claims to knowledge of the past through the lenses of alternative epistemologies and a

series of case-based problems that range from the academic to the political, legal, cultural, romantic, and fraudulent

Fall 2022: ANTH UN3823

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3823	001/10689	M 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	Terence D'Altroy	4.00	11/15

ANHS GU4001 THE ANCIENT EMPIRES. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The principal goal of this course is to examine the nature and histories of a range of early empires in a comparative context. In the process, we will examine influential theories that have been proposed to account for the emergence and trajectories of those empires. Among the theories are the core-periphery, world-systems, territorial-hegemonic, tributary-capitalist, network, and IEMP approaches. Five regions of the world have been chosen, from the many that could provide candidates: Rome (the classic empire), New Kingdom Egypt, Qin China, Aztec Mesoamerica, and Inka South America. These empires have been chosen because they represent a cross-section of polities ranging from relatively simple and early expansionist societies to the grand empires of the Classical World, and the most powerful states of the indigenous Americas. There are no prerequisites for this course, although students who have no background in Anthropology, Archaeology, History, or Classics may find the course material somewhat more challenging than students with some knowledge of the study of early societies. There will be two lectures per week, given by the professor

Fall 2022: ANHS GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANHS 4001	001/10688	T Th 11:40am - 12:55pm 614 Schermerhorn Hall	Terence D'Altroy	3.00	87/120

ANTH GU4175 WRITING ARCHAEOLOGY. 3.00 points.

Prerequisites: the instructor's permission.

Like fiction archaeology allows us to visit other worlds and to come back home again. In this class we'll explore different genres of archaeological texts. How do writers contribute to the development of narratives about the past, what are the narrative tricks used by archaeologists, novelists and poets to evoke other worlds and to draw in the reader? What is lost in the translation from the earth to text, and what is gained? There is an intimacy to archaeological excavation, an intimacy that is rarely captured in archaeological narratives. What enlivening techniques might we learn from fictional accounts, and where might we find narrative space to include emotion and affect, as well as the texture and grain of encounters with the traces of the past? How does archaeological evidence evoke a particular response, and how do novels and poems work to do the same thing? What is the role of the reader in bringing a text to life?

Enrollment limit is 15. Priority: Anthropology graduate students, archaeology senior thesis students.

ANTH GU4345 NEANDERTHAL ALTERITIES. 3.00 points.

Enrollment priorities: Graduate students, and 3rd & 4th year undergraduates only

Using The Neanderthals partly as a metaphorical device, this course considers the anthropological, philosophical and ethical implications of sharing the world with another human species. Beginning from a solid grounding in the archaeological, biological and genetic evidence, we will reflect critically on why Neanderthals are rarely afforded the same reflexive capacities, qualities and attributes - agency- as anatomically modern humans, and why they are often regarded as lesser or nonhuman animals despite clear evidence for both sophisticated material and social engagement with the world and its resources. Readings/materials are drawn from anthropology, philosophy, ethics, gender studies, race and genetics studies, literature and film

Fall 2022: ANTH GU4345

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4345	001/10323	W 10:10am - 12:00pm 951 Ext Schermerhorn Hall	Brian Boyd	3.00	13/25

PHYSICAL ANTHROPOLOGY

SPRING 2023

SOCIOCULTURAL ANTHROPOLOGY

ANTH UN1002 THE INTERPRETATION OF CULTURE. 3.00 points.

The anthropological approach to the study of culture and human society. Case studies from ethnography are used in exploring the universality of cultural categories (social organization, economy, law, belief system, art, etc.) and the range of variation among human societies

Fall 2022: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/10256	M W 10:10am - 11:25am 106 Jerome L Greene Hall	Naor Ben-Yehoyada	3.00	90/120

Spring 2023: ANTH UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/12207	M W 10:10am - 11:25am Ren Kraft Center	Syantani Chatterjee	3.00	64/100

ANTH UN1009 INTRO TO LANGUAGE & CULTURE. 3.00 points.

This is an introduction to the study of the production, interpretation, and reproduction of social meanings as expressed through language. In exploring language in relation to culture and society, it focuses on how communication informs and transforms the sociocultural environment

Spring 2023: ANTH UN1009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1009	001/00489	T Th 2:40pm - 3:55pm L1103 Diana Center	Elizabeth Green	3.00	59/60

ANTH UN2005 THE ETHNOGRAPHIC IMAGINATION. 3.00 points.

Introduction to the theory and practice of “ethnography”—the intensive study of peoples’ lives as shaped by social relations, cultural images, and historical forces. Considers through critical reading of various kinds of texts (classic ethnographies, histories, journalism, novels, films) the ways in which understanding, interpreting, and representing the lived words of people—at home or abroad, in one place or transnationally, in the past or the present—can be accomplished. Discussion section required

Spring 2023: ANTH UN2005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2005	001/13491	T Th 2:40pm - 3:55pm 142 Uris Hall	Maria Jose de Abreu	3.00	49/60

ANTH UN2017 Mafias and Other Dangerous Affiliations. 3.00 points.

Regimes of various shapes and sizes tend to criminalize associations, organizations, and social relations that these ruling powers see as anathema to the social order on which their power depends: witches, officers of toppled political orders, alleged conspirators (rebels, traitors, terrorists, and dissidents), gangsters and mafiosi, or corrupt officers and magnates. Our main goal will be to understand how and under what conditions do those with the power to do so define, investigate, criminalize and prosecute those kinds of social relations that are cast as enemies of public order. We will also pay close attention to questions of knowledge – legal, investigative, political, journalistic, and public – how doubt, certainty, suspicion and surprise shape the struggle over the relationship between the state and society. The main part of the course is organized around six criminal investigations on mafia-related affairs that took place from the 1950s to the present (two are undergoing appeal these days) in western Sicily. After the introductory section, we will spend two weeks (four meetings) on every one of these cases. We will follow attempts to understand the Mafia and similarly criminalized organizations, and procure evidence about it. We will then expand our inquiry from Sicily to cases from all over the world, to examine questions about social relations, law, the uses of culture, and political imagination.

*Although this is a social anthropology course, no previous knowledge of anthropology is required or presumed. Classroom lectures will provide necessary disciplinary background

Spring 2023: ANTH UN2017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2017	001/13485	M W 10:10am - 11:25am	Naor Ben-Yehoyada	3.00	70/90

614 Schermerhorn
Hall

ANTH UN2028 THINK LIKE AN ARCHAEOLOGIST. 4.00 points.

\$25 mandatory lab fee.

This course provides a comprehensive introduction to methods and theory in archaeology – by exploring how archaeologists work to create narratives about the past (and the present) on the basis on the material remains of the past. The course begins with a consideration of how archaeologists deal with the remains of the past in the present: What are archaeological sites and how do we ‘discover’ them? How do archaeologists ‘read’ or analyze sites and artifacts? From there, we will turn to the question of how archaeologists interpret these materials traces, in order to create narratives about life in the past. After a review of the historical development of theoretical approaches in archaeological interpretation, the course will consider contemporary approaches to interpreting the past

Spring 2023: ANTH UN2028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2028	001/12320	T Th 7:40pm - 8:55pm 517 Hamilton Hall	Allison McGovern	4.00	32/45

ANTH UN2141 Frontier Imaginaries. 3.00 points.

This course uses primary documents and supplemental readings from two “frontiers” in order to study how colonialism has created different conditions of the ancestral present; how archival “cores” effect the possibility of documenting ancestral heritability; and how text-based documentation mediate how different frontiers are imagined and governed. The course will focus on two frontier regions: the Alpine region of Trentino and the coastal region of the Northern Territory of Australia, centering on the turn of the 18th to 19th century. The course examines the dynamics between colonialism and liberal governance--how the European conquest of the western Atlantic and Pacific continues to transform modes of liberal governance long after the first colonial fleets disgorged their armies, explorers, and settlers. It approaches a turn in the politics of difference by tracking how two sets of clans have moved through historical forms of the ancestral present, namely, changing imaginaries of social form, time, and heritability; and how these imaginaries emerge from and materially sediment into human bodies and the more-than-human world. The clans are, on the one hand, the Simonaz clan, patronym, Povinelli, and Bartolot clan, patronym, Ambrosi from Carisolo, Trentino; and, on the other hand, the totemic clans of the Karrabing that stretch along the coastal region of Anson Bay, Northern Territory, Australia

ANTH UN3665 The Politics of Care. 4.00 points.

What are the consequences of entrenched inequalities in the context of care? How might we (re)imagine associated practices as political projects? Wherein lie the origins of utopic and dystopic visions of daily survival? How might we track associated promises and failures as they travel across social

hierarchies, nationalities, and geographies of care? And what do we mean when we speak of “care”? These questions define the scaffolding for this course. Our primary goals throughout this semester are threefold. First, we begin by interrogating the meaning of “care” and its potential relevance as a political project in medical and other domains. Second, we will track care’s associated meanings and consequences across a range of contents, including urban and rural America, an Amazonia borderland, South Africa, France, and Mexico. Third, we will address temporal dimensions of care, as envisioned and experienced in the here-and-now, historically, and in a futuristic world of science fiction. Finally, and most importantly, we will remain alert to the relevance of domains of difference relevant to care, most notably race, gender, class, and species. Upper level seminar; 4 points

Spring 2023: ANTH UN3665

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3665	001/00481	W 10:10am - 12:00pm 214 Milbank Hall	Lesley Sharp	4.00	16/15

ANTH UN3828 THE ANTHROPOLOGY OF WAR. 4.00 points.

In this class, we will think about the various ways in which philosophers, social theorists, historians and anthropologists have thought about war, violence, and responsibility. The course focuses on a set of themes and questions: for example, the nature of violence and the question of responsibility or accountability, shifting technologies of warfare, and the phenomenology and aftermath of warfare, for civilians and for combatants. The reading list incorporates different approaches to such questions—from historical to philosophical to ethnographic accounts

Spring 2023: ANTH UN3828

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3828	001/00744	T 4:10pm - 6:00pm 318 Milbank Hall	Nadia Abu El-Haj	4.00	18/20

ANTH BC3868 ETHNOGRAPHIC FIELD RESEARCH IN NYC. 4.00 points.

This course provides the aspiring anthropologist with an array of primarily qualitative methodological tools essential to successful urban fieldwork. As such, it is a practicum of sorts, where regular field assignments help build one’s ability to record and analyze social behavior by drawing on several key data collection techniques. Because we have the luxury of inhabiting a large, densely populated, international city, this class requires that you take a head-first plunge into urban anthropology. The NYC area will define the laboratory for individually- designed research projects. Be forewarned, however! Ethnographic engagement involves efforts to detect social patterns, but it is often a self-reflexive exercise, too. Readings provide methodological, analytical, and personal insights into the skills, joys, and trials that define successful field research

Spring 2023: ANTH BC3868

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3868	001/00483	Th 2:10pm - 4:00pm L1018 Milstein Center	Kaya Williams	4.00	14/15

ANTH BC3872 SENIOR THESIS SEMINAR II. 4.00 points.

Prerequisites: Must complete ANTH BC3871x. Limited to Barnard Senior Anthropology Majors. Offered every Spring. Discussion of research methods and planning and writing of a Senior Essay in Anthropology will accompany research on problems of interest to students, culminating in the writing of individual Senior Essays. The advisory system requires periodic consultation and discussion between the student and her adviser as well as the meeting of specific deadlines set by the department each semester

Spring 2023: ANTH BC3872

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3872	001/00482	M 4:10pm - 6:00pm 214 Milbank Hall	Paige West, Nadia Abu El-Haj, J.C. Salyer, Camilla Sturm	4.00	25/23

ANTH UN3880 LISTENINGS: AN ETHNOG OF SOUND. 4.00 points.

Prerequisites: the instructor's permission.

We explore the possibilities of an ethnography of sound through a range of listening encounters: in resonant urban soundscapes of the city and in natural soundscapes of acoustic ecology; from audible pasts and echoes of the present; through repetitive listening in the age of electronic reproduction, and mindful listening that retraces an uncanniness inherent in sound. Silence, noise, voice, chambers, reverberation, sound in its myriad manifestations and transmissions. From the captured souls of Edison’s phonography, to everyday acoustical adventures, the course turns away from the screen and dominant epistemologies of the visual for an extended moment, and does so in pursuit of sonorous objects. How is it that sound so moves us as we move within its world, and who or what then might the listening subject be?

Spring 2023: ANTH UN3880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3880	001/13487	T 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	John Pemberton	4.00	14/14

ANTH UN3893 THE BOMB. 4.00 points.

This course investigates the social history of nuclear arms in the context of World War II and the Cold War, exploring their ramifications for subjects and societies. We consider historical, ethnographic, medical and psychiatric accounts of the bomb’s invention and fallout, including the unknowable bodily injuries caused by radiation and the ecological contamination inflicted on indigenous communities where atomic weapons were tested. Throughout the course, we investigate government

propaganda designed to produce political subjects who both endorse and fear nuclear imperatives; who support expanding militarization and funding for weapons development; and who abide escalating political rhetorics of nuclear aggression

ANTH UN3939 ANIME EFFECT: JAPANESE MEDIA. 4.00 points.

Culture, technology, and media in contemporary Japan. Theoretical and ethnographic engagements with forms of mass mediation, including anime, manga, video, and cell-phone novels. Considers larger global economic and political contexts, including post-Fukushima transformations. Prerequisites: the instructor's permission

Spring 2023: ANTH UN3939

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3939	001/12302	W 2:10pm - 4:00pm 467 Ext Schermerhorn Hall	Marilyn Ivy	4.00	13/15

ANTH UN3947 TEXT, MAGIC, PERFORMANCE. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. This course pursues interconnections linking text and performance in light of magic, ritual, possession, narration, and related articulations of power. Readings are drawn from classic theoretical writings, colonial fiction, and ethnographic accounts. Domains of inquiry include: spirit possession, trance states, séance, ritual performance, and related realms of cinematic projection, musical form, shadow theater, performative objects, and (other) things that move on their own, compellingly. Key theoretical concerns are subjectivity - particularly, the conjuring up and displacement of self in the form of the first-person singular I - and the haunting power of repetition. Retraced throughout the course are the uncanny shadows of a fully possessed subject --within ritual contexts and within everyday life

Spring 2023: ANTH UN3947

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3947	001/13488	W 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	John Pemberton	4.00	17/16

ANTH UN3998 SUPERVISED INDIVIDUAL RESEARCH. 2.00-6.00 points.

Prerequisite: the written permission of the staff member under whose supervision the research will be conducted

Spring 2023: ANTH UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3998	001/12446		Nadia Abu El-Haj	2.00-6.00/8	
ANTH 3998	002/12447		Lila Abu-Lughod	2.00-6.00/5	
ANTH 3998	003/12448		Vanessa Agard-Jones	2.00-6.00/5	

ANTH 3998	004/12449	Naor Ben-Yehoyada	2.00-6.00/5
ANTH 3998	005/12450	Brian Boyd	2.00-6.00/5
ANTH 3998	006/12451	Emma Crane	2.00-6.00/5
ANTH 3998	007/12452	Hannah Chazin	2.00-6.00/5
ANTH 3998	008/12453	Terence D'Altroy	2.00-6.00/5
ANTH 3998	009/12454	Maria Jose de Abreu	2.00-6.00/5
ANTH 3998	010/12455	Catherine Fennell	2.00-6.00/5
ANTH 3998	011/12456	Severin Fowles	2.00-6.00/5
ANTH 3998	012/12457	Marilyn Ivy	2.00-6.00/5
ANTH 3998	013/12458	Brian Larkin	2.00-6.00/5
ANTH 3998	014/12459	Claudio Lomnitz	2.00-6.00/5
ANTH 3998	015/12460	Mahmood Mamdani	2.00-6.00/5
ANTH 3998	016/12461	Ellen Marakowitz	2.00-6.00/5
ANTH 3998	017/12462	Juan Mazariegos	2.00-6.00/5
ANTH 3998	018/12463	Brinkley Messick	2.00-6.00/5
ANTH 3998	019/12464	Rosalind Morris	2.00-6.00/5
ANTH 3998	020/12465	John Pemberton	2.00-6.00/5
ANTH 3998	021/12466	Elizabeth Povinelli	2.00-6.00/5
ANTH 3998	022/12467	David Scott	2.00-6.00/5
ANTH 3998	024/12469	Lesley Sharp	2.00-6.00/5
ANTH 3998	025/12470	Audra Simpson	2.00-6.00/5
ANTH 3998	026/12471	Camilla Sturm	2.00-6.00/5
ANTH 3998	027/12472	Paige West	2.00-6.00/5
ANTH 3998	028/12473	Syantani Chatterjee	2.00-6.00/5
ANTH 3998	029/12474	Kaya Williams	2.00-6.00/5
ANTH 3998	030/16549	Tyler Adkins	2.00-6.00/5
ANTH 3998	031/16550	Dilshan Perera	2.00-6.00/5
ANTH 3998	032/16551	Allison McGovern	2.00-6.00/5

ANTH UN3999 SENIOR THESIS SEM IN ANTHROPOL. 4.00 points.

Enrollment limited to 15. Open to CC and GS majors in Anthropology only.

Prerequisites: The instructor's permission. Students must have declared a major in Anthropology prior to registration.

Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students must communicate/meet with thesis instructor in the previous spring about the possibility of taking the course during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term.

Prerequisites: The instructors permission. Students must have declared a major in Anthropology prior to registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students must communicate/meet with thesis instructor in the previous spring about the possibility of taking the course during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term. This two-term course is a combination of a seminar and a workshop that will help you conduct research, write, and present an original senior thesis in anthropology. Students who write theses are eligible to be considered for departmental honors. The first term of this course introduces a variety of approaches used to produce anthropological knowledge and writing; encourages students to think critically about the approaches they take to researching and writing by studying model texts with an eye to the ethics, constraints, and potentials of anthropological research and writing; and gives students practice in the seminar and workshop formats that are key to collegial exchange and refinement of ideas. During the first term, students complete a few short exercises that will culminate in a substantial draft of one discrete section of their senior project (18-20 pages) plus a detailed outline of the expected work that remains to be done (5 pages). The spring sequence of the anthropology thesis seminar is a writing intensive continuation of the fall semester, in which students will have designed the research questions, prepared a full thesis proposal that will serve as a guide for the completion of the thesis and written a draft of one chapter. Only those students who expect to have completed the fall semester portion of the course are allowed to register for the spring; final enrollment is contingent upon successful completion of first semester requirements. In spring semester, weekly meetings will be devoted to the collaborative refinement of drafts, as well as working through issues of writing (evidence, voice, authority etc.). All enrolled students are required to present their project at a symposium in the late spring, and the final grade is based primarily on successful completion of the thesis/ capstone project. Note: The senior thesis seminar is open to CC and GS majors in Anthropology only. It requires the instructor's permission for registration. Students must have a 3.6 GPA in the major and a preliminary project concept in order to be considered. Interested students should communicate with the thesis instructor and the director of undergraduate study in the previous spring about the possibility of taking the course

during the upcoming academic year. Additionally, expect to discuss with the instructor at the end of the fall term whether your project has progressed far enough to be completed in the spring term. If it has not, you will exit the seminar after one semester, with a grade based on the work completed during the fall term. Enrollment limit is 15. Requirements: Students must have completed the requirements of the first semester of the sequence and seek instructor approval to enroll in the second

Fall 2022: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/10257	M 4:10pm - 6:00pm 457 Ext Schermerhorn Hall	Lila Abu-Lughod	4.00	9/10

Spring 2023: ANTH UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/12322	M 12:10pm - 2:00pm 951 Ext Schermerhorn Hall	Brinkley Messick	4.00	7/10

ANTH GU4143 ACCUSATION. 3.00 points.

This course examines the politics and practices of collective accusation in comparative perspective. It treats these phenomena in their relation to processes of political and economic transition, to discourses of crisis, and to the practices of rule by which the idea of exception is made the grounds for extreme claims on and for the social body-usually, but not exclusively, enacted through forms of expulsion. We will consider the various theoretical perspectives through which forms of collective accusation have been addressed, focusing on psychoanalytic, structural functional, and poststructuralist readings. In doing so, we will also investigate the difference and possible continuities between the forms and logics of accusation that operate in totalitarian as well as liberal regimes. Course readings will include both literary and critical texts

Spring 2023: ANTH GU4143

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4143	001/12860	M 4:10pm - 6:00pm 963 Ext Schermerhorn Hall	Rosalind Morris	3.00	8/15

ANTH GU4148 HUMAN SKELETAL BIOLOGY II. 3.00 points.

Enrollment limit is 12 and Instructor's permission required.

Recommended for archaeology and physical anthropology students, pre-meds, and biology majors interested in the human skeletal system. Intensive study of human skeletal materials using anatomical and anthropological landmarks to assess sex, age, and ethnicity of bones. Other primate skeletal materials and fossil casts used for comparative study

Spring 2023: ANTH GU4148

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4148	001/12217	W 12:10pm - 2:00pm	Ralph Holloway	3.00	11/8

865 Ext
Schermerhorn Hall

ARCHAEOLOGY

ANTH UN1008 THE RISE OF CIVILIZATION. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Mandatory recitation sections will be announced first week of classes. \$25.00 laboratory fee.

Corequisites: ANTH V1008

Corequisites: ANTH V1008 The rise of major civilization in prehistory and protohistory throughout the world, from the initial appearance of sedentism, agriculture, and social stratification through the emergence of the archaic empires. Description and analysis of a range of regions that were centers of significant cultural development: Mesopotamia, Egypt, the Indus River Valley, China, North America, and Mesoamerica. DO NOT REGISTER FOR A RECITATION SECTION IF YOU ARE NOT OFFICIALLY REGISTERED FOR THE COURSE

Spring 2023: ANTH UN1008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1008	001/12215	T Th 11:40am - 12:55pm 142 Uris Hall	Terence D'Altroy	3.00	82/90

ANTH BC2012 LAB METHODS ARCHAEOLOGY. 4.00 points.

Only the most recent chapters of the past are able to be studied using traditional historiographical methods focused on archives of textual documents. How, then, are we to analyze the deep history of human experiences prior to the written word? And even when textual archives do survive from a given historical period, these archives are typically biased toward the perspectives of those in power. How, then, are we to undertake analyses of the past that take into account the lives and experiences of all of society's members, including the poor, the working class, the colonized, and others whose voices appear far less frequently in historical documents? From its disciplinary origins in nineteenth century antiquarianism, archaeology has grown to become a rigorous science of the past, dedicated to the exploration of long-term and inclusive social histories. "Laboratory Methods in Archaeology" is an intensive introduction to the analysis of archaeological artifacts and samples in which we explore how the organic and inorganic remains from archaeological sites can be used to build rigorous claims about the human past. The 2022 iteration of the course centers on assemblages from two sites, both excavated by Barnard's archaeological field program in the Taos region of northern New Mexico: (1) the Spanish colonial site of San Antonio del Embudo founded in 1725 and (2) the hippie commune known as New Buffalo, founded in 1967. Participants in ANTH BC2012 will be introduced to the history, geology, and ecology of the Taos region, as well as to the excavation histories of the two sites. Specialized laboratory modules focus on the analysis of chipped stone artifacts ceramics,

animal bone, glass, and industrial artifacts. The course only demands participation in the seminars and laboratory modules and successful completion of the written assignments, but all students are encouraged to develop specialized research projects to be subsequently expanded into either (1) a senior thesis project or (2) a conference presentation at the Society for American Archaeology, Society for Historical Archaeology, or Theoretical Archaeology Group meeting

Spring 2023: ANTH BC2012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2012	001/00753	T 4:10pm - 6:00pm 207 Milbank Hall	Severin Fowles	4.00	11/8
ANTH 2012	001/00753	W 4:10pm - 7:00pm Room TBA	Severin Fowles	4.00	11/8

ANTH UN2028 THINK LIKE AN ARCHAEOLOGIST. 4.00 points.

\$25 mandatory lab fee.

This course provides a comprehensive introduction to methods and theory in archaeology – by exploring how archaeologists work to create narratives about the past (and the present) on the basis on the material remains of the past. The course begins with a consideration of how archaeologists deal with the remains of the past in the present: What are archaeological sites and how do we 'discover' them? How do archaeologists 'read' or analyze sites and artifacts? From there, we will turn to the question of how archaeologists interpret these materials traces, in order to create narratives about life in the past. After a review of the historical development of theoretical approaches in archaeological interpretation, the course will consider contemporary approaches to interpreting the past

Spring 2023: ANTH UN2028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2028	001/12320	T Th 7:40pm - 8:55pm 517 Hamilton Hall	Allison McGovern	4.00	32/45

ANTH BC3223 Gender Archaeology. 3.00 points.

This seminar critically reexamines the ancient world from the perspective of gender archaeology. Though the seedlings of gender archaeology were first sown by of feminist archaeologists during the 70's and 80's, this approach involves far more than simply 'womanizing' androcentric narratives of past. Rather, gender archaeology criticizes interpretations of the past that transplant contemporary social roles onto the archaeological past, casting the divisions and inequalities of today as both timeless and natural. This class challenges the idea of a singular past, instead championing a turn towards multiple, rich, messy, intersectional pasts. The 'x' in 'archaeology' is an explicit signal of our focus on this diversity of pasts and a call for a more inclusive field of practice today

Spring 2023: ANTH BC3223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3223	001/00484	W 2:10pm - 4:00pm 113 Milstein Center	Camilla Sturm	3.00	16/16

ANTH GU4346 LAB TECHNIQUES IN ARCHAEOLOGY. 3.00 points.

"Laboratory Methods in Archaeology" is an intensive introduction to the analysis of archaeological artifacts and samples in which we explore how the organic and inorganic remains from archaeological sites can be used to build rigorous claims about the human past. In 2023, this course will focus on pre-contact and post-contact assemblages from the New York-metro area, including materials from the legacy collections of Ralph Solecki. Participants will be introduced to the history, geology, and ecology of the New York area and specialized laboratory modules focus on the analysis of chipped stone artifacts, ceramics, animal bone, glass, and a range of post-contact artifacts. The course only demands participation in the seminars and laboratory modules and successful completion of the written assignments, but all students are encouraged to develop specialized research projects to be subsequently expanded into either (1) a thesis project or (2) a conference presentation at the Society for American Archaeology, Society for Historical Archaeology, or Theoretical Archaeology Group meeting

Spring 2023: ANTH GU4346

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4346	001/14653	T 4:10pm - 6:00pm 954 Ext Schermerhorn Hall	Allison McGovern	3.00	7/8
ANTH 4346	001/14653	Th 4:10pm - 7:00pm 954 Ext Schermerhorn Hall	Allison McGovern	3.00	7/8

PHYSICAL ANTHROPOLOGY

ANTH GU4148 HUMAN SKELETAL BIOLOGY II. 3.00 points.

Enrollment limit is 12 and Instructor's permission required.

Recommended for archaeology and physical anthropology students, pre-meds, and biology majors interested in the human skeletal system. Intensive study of human skeletal materials using anatomical and anthropological landmarks to assess sex, age, and ethnicity of bones. Other primate skeletal materials and fossil casts used for comparative study

Spring 2023: ANTH GU4148

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4148	001/12217	W 12:10pm - 2:00pm 865 Ext Schermerhorn Hall	Ralph Holloway	3.00	11/8

OF RELATED INTEREST

Anthropology (Barnard)

ANTH BC3868	ETHNOGRAPHIC FIELD RESEARCH IN NYC
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Center for the Study of Ethnicity and Race

CSER UN3904	Rumor and Racial Conflict
CSER UN3924	Latin American and Latina/o Social Movements

CSER UN3990	SENIOR PROJECT SEMINAR
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Ecology, Evolution, and Environmental Biology

EEEB GU4700	RACE:TANGLED HIST-BIOL CONCEPT
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Women's and Gender Studies

WMST UN1001	INTRO-WOMEN # GENDER STUDIES
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ARCHAEOLOGY

The Columbia Center for Archaeology: 965 Schermerhorn Extension

Director of Undergraduate Studies: Prof. Brian Boyd, bb2305@columbia.edu

Archaeology is the study of the material conditions inhabited and acted upon by people in the past and present. Investigation of the past through the study of material remains is entangled with historiography, politics, and individual and collective memory, and is implicated in the production of present-day identities. Archaeology has come to mean many things to different generations of scholars, yet all approaches share in common a focus on the physical remains of the past and on the interpretive acts that enliven these remains and are challenged by them.

At Columbia, archaeology is a multidisciplinary field practiced by faculty and students in the humanities, social sciences, and natural sciences. At present, there are faculty in the Departments of Anthropology; Art History and Archaeology; Classics; East Asian Languages and Cultures; Historic Preservation; History; Middle Eastern, South Asian, and African Studies; as well as in the Center for Environmental Research and Conservation, the Institute for Research on Women and Gender, and the Lamont-Doherty Earth Observatory, all of whom conduct research on prehistory, ancient society, or historical archaeology.

Among locations in which students and faculty are conducting or participating in field programs are Argentina, Peru, Central America, the North American Southwest, New York City, upstate New York, the UK, France, Italy, Greece, Turkey, Egypt, Yemen, Israel, Palestine, and Madagascar. Archaeologists at Columbia also work with professionals at a wide range of institutions in New York. Among the institutions at which students in particular programs may conduct research, or work on internships, are the American Museum of Natural History, the Brooklyn Museum, the Metropolitan Museum of Art, the Museum of the City of New York, the National Museum of the American Indian, the New York Botanical Garden, and the South Street Seaport Museum.

DEPARTMENTAL HONORS

For the requirements for departmental honors, please check with the program advisers. Normally no more than 10% of

graduating majors receive departmental honors in a given academic year.

PROFESSORS

Zainab Bahrani
Terence D'Altroy
Holger Klein
Feng Li
Kristina Milnor (Barnard)
Stephen Murray
Esther Pasztory (*emerita*)
Nan Rothschild (Barnard, *emerita*)
Marc Van De Mieroop

ASSOCIATE PROFESSORS

Francesco Benelli
Zoë Crossland
Francesco de Angelis
Severin Fowles (Barnard)
Ioannis Mylonopoulos

ASSISTANT PROFESSORS

Ellen Morris (Barnard)
Marco Maiuro

ADJUNCT/VISITING PROFESSORS

Brian Boyd
Megan O'Neil (Barnard)
Walter Pitman
Adam Watson
Norman Weiss
George Wheeler

LECTURERS

Clarence Gifford
Jill Shapiro

ON LEAVE

GUIDELINES FOR ALL ARCHAEOLOGY MAJORS AND CONCENTRATORS

Courses

It is recommended that archaeology students consider introductory courses in Earth and environmental sciences, environmental biology, and/or chemistry for their Core Curriculum science requirement.

For information on upper-level graduate courses and courses in historic preservation, please see the program advisers. Decisions about upper-level, related, or seminar courses that are not on this list and their applicability to the major or concentration in archaeology should be made in consultation with the program advisers.

Graduate Study

Students intending to pursue graduate degrees in archaeology should be aware that a reading knowledge of two languages is often required as part of graduate study. Further, although language courses do not count toward the major or concentration, students are encouraged to acquire language training that is relevant to their particular interests in archaeology.

MAJOR IN ARCHAEOLOGY

Please read *Guidelines for all Archaeology Majors and Concentrators* above.

The program of study should be planned as early as possible with the program advisers, preferably before the end of the sophomore year and no later than the beginning of the junior year. The major in archaeology requires a total of 30 points within the major and 9 points of related courses as follows:

Two introductory courses:

ANTH UN2028	THINK LIKE AN ARCHAEOLOGIST
ANTH UN1008 or ANTH UN1007	THE RISE OF CIVILIZATION THE ORIGINS OF HUMAN SOCIETY

Select two upper-level courses from different regions of the world, in addition to three other upper-level courses, planned in consultation with the program advisers.

Participation of four to six weeks in field projects with which Columbia University is affiliated, independent study in excavation or other field projects, or relevant museum internship and/or lab work.*

Select one laboratory course in archaeology or its equivalent in the field, as approved by the program advisers.

The capstone seminar in archaeology:

ANTH UN3993	World Archaeologies/Global Perspectives
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Select 9 points of related courses, planned with the program advisers in accordance with the student's interests.

A senior thesis is recommended for students planning to pursue a graduate degree.***

*

The field, school, project, or internship must be approved in advance by the program advisers, and arrangements should be made in advance with the director of undergraduate studies for credits to be accepted as part of the degree. For more information, see the [Center for Archaeology](#) website.

**

Taught alternate years, preferably taken in the junior or senior year, or a substitute seminar to be decided with the advance approval of the director of undergraduate studies. Students who are writing a thesis may substitute a thesis seminar for this requirement.

Topics should be discussed with a faculty adviser during the junior year, allowing time for planning, research, and travel during the following summer. In the senior year, students may register for two semesters of senior thesis study with their adviser, e.g., ANTH UN3997 SUPERVISED INDIVIDUAL RESEARCH or ANTH UN3999 SENIOR THESIS SEM IN ANTHROPOL, to cover the writing of the thesis. The final draft of the thesis must be submitted by March 25. (See the [Center for Archaeology](#) webpages for more information.)

CONCENTRATION IN ARCHAEOLOGY

Please read *Guidelines for all Archaeology Majors and Concentrators* above.

The program of study should be planned with the program advisers. The concentration in archaeology requires a total of 21 points from within anthropology, art history and archaeology, and other approved departments, with no more than four courses being taken within any single department. Requirements for the concentration are as follows:

Select one of the following introductory courses:

ANTH UN1007	THE ORIGINS OF HUMAN SOCIETY
ANTH UN1008	THE RISE OF CIVILIZATION
ANTH UN2028	THINK LIKE AN ARCHAEOLOGIST

Select one seminar or colloquium in the Departments of Anthropology, Art History and Archaeology, Classics, or History, as approved by the program advisers.

Select three upper-level courses, including at least one from two different regions of the world.

Select one related course, planned with the program advisers in accordance with the student's interests.

ANTH UN2028 THINK LIKE AN ARCHAEOLOGIST.

4.00 points.

\$25 mandatory lab fee.

This course provides a comprehensive introduction to methods and theory in archaeology – by exploring how archaeologists work to create narratives about the past (and the present) on the basis on the material remains of the past. The course begins with a consideration of how archaeologists deal with the remains of the past in the present: What are archaeological sites and how do we ‘discover’ them? How do archaeologists ‘read’ or analyze sites and artifacts? From there, we will turn to the question of how archaeologists interpret these materials traces, in order to create narratives about life in the past. After a review of the historical development of theoretical approaches in archaeological interpretation, the course will consider contemporary approaches to interpreting the past

Spring 2023: ANTH UN2028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2028	001/12320	T Th 7:40pm - 8:55pm 517 Hamilton Hall	Allison McGovern	4.00	32/45

OF RELATED INTEREST

Ancient Studies

ANCS UN3995	The Major Seminar
ANCS V3135	Ancient Novel
ANCS UN3998	DIRCTD RSRCH-ANCIENT STUDIES I

Anthropology

ANTH UN1007	THE ORIGINS OF HUMAN SOCIETY
ANTH UN1008	THE RISE OF CIVILIZATION
ANTH UN3300	Pre-Columbian Histories of Native America
ANTH UN3823	ARCH ENGAGE: PAST IN PUB EYE
ANTH UN3970	BIOL BASIS OF HUMAN VARIATION
ANTH UN3993	World Archaeologies/Global Perspectives
ANTH UN3997	SUPERVISED INDIVIDUAL RESEARCH
ANTH GU4147	Human Skeletal Biology I
ANTH GU4200	FOSSIL EVIDENCE FOR HUMAN EVOL

Art History and Archaeology

AHIS UN2601	ARTS OF JAPAN
AHIS W3230	Medieval Architecture
AHIS UN3248	Greek Art and Architecture
AHIS UN3250	Roman Art and Architecture
AHUM UN2604	ARTS OF CHINA, JAPAN AND KOREA
AHUM UN3342	Masterpieces of Indian Art and Architecture
AHIS C3997	Senior Thesis
AHIS W4155	Art and Archaeology of Mesopotamia

Classics

CLCV GU4110	Gender and Sexuality In Ancient Greece
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Earth and Environmental Sciences

EESC UN1001	DINOSAURS AND HISTORY OF LIFE
EESC UN3010	FIELD GEOLOGY

East Asian Languages and Cultures

ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
ASCE UN1361	INTRO EAST ASIAN CIV: JPN
HSEA GU4725	Tibetan Visual & Material History

HSEA W4869 History of Ancient China to the
End of Han

History

HIST UN1004 ANCIENT HISTORY OF EGYPT

Middle Eastern, South Asian, and African Studies

AHUM UN2901 MASTERPIECES-INDIAN ART
ARCH

ARCHITECTURE

CONTACT US

Departmental Office:

500 The Diana Center

212-854-8430

architecture.barnard.edu

architecture@barnard.edu

Director of Undergraduate Studies:

Professor Karen Fairbanks

(212) 854-8430

kfairban@barnard.edu

Departmental Administrator:

Rachel Garcia-Grossman

(212) 854-8430

rgarciag@barnard.edu

THE DEPARTMENT OF ARCHITECTURE

Mission

The Architecture major establishes an intellectual context for students to interpret the relation of form, space, program, materials and media to human life and thought. Through the Architecture curriculum, students participate in the ongoing shaping of knowledge about the built environment and learn to see architecture as one among many forms of cultural production. At the same time, the major stresses the necessity of learning disciplinary-specific tools, methods, terms and critiques. Thus, work in the studio, lecture or seminar asks that students treat architecture as a form of research and speculation which complement the liberal arts mission of expansive thinking.

Undergraduate Study in Architecture

Studying Architecture at Barnard College, Columbia College, and General Studies leads to a liberal arts degree – a Bachelor of Arts with a major in Architecture, and Barnard College is the administrative location for all undergraduate architecture studies at Columbia University and its partner institutions. A liberal arts education in architecture holds a unique position in academia and in relation to the discipline. If the goal of a professional education in architecture is to enable students to participate directly in the world as an architect – a liberal arts education asks that students consider the broader and myriad

conditions in which architecture is conceived and practiced and, in turn, to understand how architecture inevitably alters those conditions. Students are asked to confront and interpret the complex social, cultural, political, and environmental processes that weave through architectural design and urbanism. The purpose of an undergraduate liberal arts degree in architecture is to educate students to think about the world through architecture.

The Architecture curriculum introduces design at a variety of scales, acknowledging that integrated design thinking is effective for problem solving at any scale and in any discipline. Students will experiment with full-scale installations and devices and make small-scale models of urban conditions from which they extract, interpret and invent new possibilities of inhabitation and use. The curriculum intentionally balances the traditions of handcrafted representation with evolving digital technologies of architectural design and communication.

The Architecture major complements, and makes great use of its University setting. With access to superb libraries, research centers, graduate programs, and abundant intellectual resources, our students have the opportunity to follow their creative instincts to great depth and breadth – and they do. The major depends on New York City as more than a convenient site for many design and research projects and frames the City as one of the key social and architectural, and thus didactic, markers of Modernity. Architecture students study with peers from countries around the world in one of the most diverse cities in the world. A large majority of the Architecture students expand their education by interning in Architecture or a related field during their undergraduate studies. Alumni of the Department are leaders in architecture and design fields around the world. The faculty teaching in the undergraduate program are dedicated teachers who are also at the forefront of practice and research and are similarly drawn to New York City as a nexus of global design thinking.

Students interested in obtaining a professional degree in Architecture continue on to graduate programs after their undergraduate degree, and students from the Barnard Columbia program have enjoyed enormous success in their admissions to the most competitive graduate programs in the country. Students who study Architecture as undergraduates have also pursued graduate degrees in a variety of disciplines including Urban Planning, Law, and Media and Communications.

Student Learning Outcomes

Students in the Architecture Majors who fully engage with the curriculum should be able to complete the following outcomes:

- Apply integrated design thinking to specific problems in and beyond the discipline;
- Visually communicate architectural concepts and research using discipline-specific techniques in multiple media;
- Verbally present independent, group or assigned research, in multiple media formats;

- Organize and concisely write in a variety of formats including reports, case studies, synthetic overviews, etc.;
- Understand and critically interpret major buildings and themes of Architectural history and theory;
- Be intellectually prepared for graduate studies in architecture and related disciplines.

Departmental Honors

Senior requirements (a portfolio and research paper from a previous architecture course) are used to award departmental honors. Students must have a grade point average of at least 3.6 in classes for the major. Normally no more than 10% of the graduating majors in the department each year receive departmental honors.

ADVISING APPOINTMENTS

Current students as well as prospective students with questions about our courses and programs of study are encouraged to meet with our full-time faculty members. Faculty advising appointments are open to anyone who is interested in learning more about our department. During the summer break, all current and prospective students are instead invited to submit their questions by email to architecture@barnard.edu.

FULL-TIME FACULTY

Professors of Professional Practice:

Karen Fairbanks (Chair)

Kadambari Baxi

Assistant Professors:

Anooradha Iyer Siddiqi

Ignacio G. Galán

Ralph Ghoche

Nick Smith

ADJUNCT FACULTY

Adjunct Professors:

Joeb Moore

Madeline Schwartzman

Suzanne Stephens

Adjunct Assistant Professors:

Diana Cristobal

Eliana Dotan

Julian Harake

Lindsay Harkema

Joeb Moore

Ivan Munuera

Ana Ozaki

Galen Pardee

Bart-Jan Polman

Todd Rouhe

Michael Schissel

Suzanne Stephens

Katie Shima

Fred Tang

Irina Verona

OUR PROGRAMS OF STUDY

THE MAJOR IN ARCHITECTURE (p. 198)

THE MAJOR IN THE HISTORY AND THEORY OF ARCHITECTURE

THE MINOR IN ARCHITECTURE

THE MAJOR IN ARCHITECTURE

The major in architecture is open to Barnard College students, Columbia College students, and General Studies students. The required classes are broken down into four categories: studio, lectures seminars and workshops, senior courses, and the specialization:

Studio Courses

Four studio courses, to be taken one per semester (studio courses have limited enrollment and priority is given to Architecture majors):

ARCH UN2101 ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS

ARCH UN2103 ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS

ARCH UN3201 ADVANCED ARCHITECTURAL DESIGN I

ARCH UN3202 ADVANCED ARCHITECTURAL DESIGN II

Lecture, Seminar, and Workshop Courses *

Five courses following the distribution requirement below:

ARCH UN3117 MOD ARCHITECTURE IN THE WORLD

Architectural Elective: History

Architectural Elective: Society, Environment, and the Global

Architectural Elective: Design, Media, and Technology

Architectural Elective

Senior Courses *

ARCH UN3901 SENIOR SEMINAR

Elective Architecture seminar (another Senior Seminar in the Department, Advanced Architectural Research and Design, or Independent Research)

Specialization Courses

All majors are asked to complement their work with a thematic unit (three courses) called the "specialization." Each student develops a specific specialization that broadens their architectural studies in one of the following areas or combination of areas: History, Society, Environment, Global, Design, Media, and Technology. Courses may be taken from across various departments. All majors, in consultation with their advisers, will develop a short (100 word) description of their specialization and advisers will approve their course selections. Students can request and develop other areas of specialization with adviser approval.

Graduation Requirements

The major also requires that students submit a portfolio and a writing sample before graduation. The design portfolio includes representative work from all design studios and the writing sample is a paper or essay from a senior level architecture or architecture-related course. Final submissions are archived in the department, the portfolios are displayed at the end of the year show, and both are used to award graduation honors.

*

These are courses offered by the architecture department or other applicable departments offered within the University. Students should consult the program office for a list of applicable courses each semester.

ACADEMIC YEAR 2022-2023 COURSES

Most architecture courses have a restriction on online enrollment (meaning that you will automatically appear on the wait list when you try to register online) and require an application in order to be admitted. Links to our applications are available on our [website](#). For a complete list of courses across the university that have been approved to fulfill various architecture major and minor requirements, please refer to our [program planning list](#). You are welcome to contact us with any questions you may have: architecture@barnard.edu.

FALL 2022 COURSES

ARCH UN1010 DESIGN FUTURES: NEW YORK CITY. 3.00 points.

How does design operate in our lives? What is our design culture? In this course, we explore the many scales of design in contemporary culture -- from graphic design to architecture to urban design to global, interactive, and digital design. The format of this course moves between lectures, discussions, collaborative design work and field trips in order to engage in the topic through texts and experiences

Fall 2022: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00356	F 1:10pm - 4:25pm 501 Diana Center	Hua Tang	3.00	19/20
ARCH 1010	002/00358	F 1:10pm - 4:25pm 502 Diana Center	Kaeli Streeter	3.00	18/20

Spring 2023: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00641	F 1:10pm - 4:25pm 501 Diana Center	Richard Rouhe	3.00	18/20
ARCH 1010	002/00642	F 1:10pm - 4:25pm 502 Diana Center	Ivan Munuera	3.00	15/20

ARCH UN1020 INTRO-ARCH DESIGN/VIS CULTURE. 3.00 points.

Introductory design studio to introduce students to architectural design through readings and studio design projects. Intended to develop analytic skills to critique existing media and spaces. Process of analysis used as a generative tool for the students own design work. Must apply for placement in course. Priority to upperclass students. Class capped at 16

Fall 2022: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00359	M W 1:10pm - 3:00pm 116 Lewisohn Hall	Richard Rouhe	3.00	12/16

Spring 2023: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00643	M W 1:10pm - 3:00pm 116 Lewisohn Hall	Madeline Schwartzman	3.00	14/16

ARCH UN2101 ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS. 4.50 points.

This architectural design studio explores material assemblies, techniques of fabrication, and systems of organization. These explorations will be understood as catalysts for architectural analysis and design experimentation. Both designed objects and the very act of making are always embedded within a culture, as they reflect changing material preferences, diverse approaches to durability and obsolescence, varied understandings of comfort, different concerns with economy and ecology. They depend on multiple resources and mobilize varied technological innovations. Consequently, we will consider that making always involves making a society, for it constitutes a response to its values and a position regarding its technical and material resources. Within this understanding, this studio will consider different cultures of making through a number of exercises rehearse design operations at different scales—from objects to infrastructures

Fall 2022: ARCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2101	001/00360	T Th 9:00am - 11:50am 404 Diana Center	Diana Cristobal Olave	4.50	16/16
ARCH 2101	002/00361	M W 9:00am - 11:50am 404 Diana Center	Richard Rouhe	4.50	17/16

Spring 2023: ARCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2101	001/00644	M W 9:00am - 11:50am 404 Diana Center	Michael Schissel	4.50	14/16

ARCH UN2103 ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS. 4.50 points.

This architectural design studio course explores modes of visualization, technologies of mediation and environmental transformations. These explorations will be used as catalysts for architectural analysis and design experimentation. Introducing

design methodologies that allow us to see and to shape environmental interactions in new ways, the studio will focus on how architecture may operate as a mediator – an intermediary that negotiates, alters or redirects multiple forces in our world: physical, cultural, social, technological, political etc. The semester will progress through three projects that examine unique atmospheric, spatial and urban conditions with the aid of multimedia visual techniques; and that employ design to develop creative interventions at the scales of an interface, space and city

Fall 2022: ARCH UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2103	001/00362	M W 10:00am - 12:50pm 404 Diana Center	Madeline Schwartzman	4.50	15/16

Spring 2023: ARCH UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2103	001/00645	M W 9:00am - 11:50am 404 Diana Center	Bart-Jan Polman	4.50	16/16
ARCH 2103	002/00646	T Th 9:00am - 11:50am 404 Diana Center	Lindsay Harkema	4.50	15/16

ARCH UN3120 CITY, LANDSCAPE, # ECOLOGY. 3.00 points.

City, Landscape, Ecology is a thematically driven course that centers on issues and polemics related to landscape, land settlement and ecology over the past two centuries. The course interrogates our changing attitudes to nature from the 18th century to the present, focusing on the artistic and architectural responses to these perceptions. It aims to demonstrate the important role that artists and architects have played, and are to play, in making visible the sources of environmental degradation and in the development of new means of mitigating anthropogenic ecological change. City, Landscape, Ecology is divided into three parts. Part I explores important episodes in the history of landscape: picturesque garden theory, notions of “wilderness” as epitomized in national and state parks in the United States, Modern and Postmodern garden practices, and the prevalence of landscape in the work of artists from the 1960s to the present. The purpose here is to better understand the role that territorial organization plays in the construction of social practices, human subjectivities, and technologies of power. We then turn to ecology and related issues of climate, urbanization and sustainability in Part II. Here we will look at the rise of ecological thinking in the 1960s; approaches to the environment that were based on the systems-thinking approach of the era. In the session “Capitalism, Race and Population Growth” we examine the history of the “crisis” of scarcity from Thomas Robert Malthus, to Paul R. Ehrlich (The Population Bomb, 1968) to today and look at questions of environmental racism, violence and equity. The course concludes with Part III (Hybrid Natures). At this important juncture in the course, we will ask what is to be done today. We’ll examine the work of contemporary theorists, architects, landscape architects, policy makers and environmentalists who have channeled some of the

lessons of the past in proposing lasting solutions to our land management and ecological crises of the present and future

Fall 2022: ARCH UN3120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3120	001/00363	T Th 4:10pm - 5:25pm 504 Diana Center	Ralph Ghoche	3.00	64/60

ARCH UN3201 ADVANCED ARCHITECTURAL DESIGN I. 4.50 points.

Prerequisites: ARCH V3101 and ARCH V3103. Open to architecture majors or with permission of instructor.

Prerequisites: ARCH UN2101 and ARCH UN2103. Advanced Architectural Design I explores the role of architecture and design in relationship to climate, community, and the environment through a series of design projects requiring drawings and models. Field trips, lectures, and discussions are organized in relation to studio exercises. A portfolio of design work from the prerequisite courses ARCH UN2101 and ARCH UN2103 will be reviewed the first week of classes

Fall 2022: ARCH UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3201	001/00364	M W 9:00am - 11:50am 116 Lewisohn Hall	Karen Fairbanks, Joeb Moore, Michael Schissel	4.50	23/40

ARCH UN3211 ADVANCED ARCHITECTURAL RESEARCH AND DESIGN. 4.50 points.

Prerequisites: A design portfolio and application is required for this course. The class list will be announced before classes start. Application required: A design portfolio and application is required for this course. The class list will be announced before classes start. Advanced Architectural Research and Design is an opportunity for students to consider international locations and address contemporary global concerns, incorporating critical questions, research methods, and design strategies that are characteristic of an architect’s operations at this scale

Fall 2022: ARCH UN3211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3211	001/00366	M W 9:00am - 11:50am 404 Diana Center	Kadambari Baxi	4.50	12/20

ARCH UN3312 SPECIAL TOPICS IN ARCHITECTURE. 3.00 points.

See the Barnard and Columbia Architecture Department website for a description of this semester's topic.
architecture.barnard.edu/workshops

Fall 2022: ARCH UN3312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/00367	M W 6:10pm - 7:25pm 502 Diana Center	Irina Verona	3.00	9/16

ARCH 3312	002/00793	T Th 6:10pm - 7:25pm 501 Diana Center	Julian Harake	3.00	16/16
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Spring 2023: ARCH UN3312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/00649	T Th 2:40pm - 3:55pm 502 Diana Center	Katharine Shima	3.00	16/16

ARCH UN3901 SENIOR SEMINAR. 4.00 points.

Readings, individual class presentations, and written reports

Fall 2022: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/00368	Th 12:10pm - 2:00pm 502 Diana Center	Suzanne Stephens	4.00	13/16

Spring 2023: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/00650	W 4:10pm - 6:00pm 502 Diana Center	Ralph Ghoche	4.00	9/16
ARCH 3901	002/00651	Th 4:10pm - 6:00pm 325 Milbank Hall	Ana Ozaki	4.00	14/16

ARCH UN3997 INDEPENDENT STUDY. 1.00-4.00 points.

Prerequisites: Permission of the program director in term prior to that of independent study. Independent study form available at departmental office

Fall 2022: ARCH UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3997	001/00371		Karen Fairbanks	1.00-4.00/4	
ARCH 3997	002/00369		Kadambari Baxi	1.00-4.00/4	
ARCH 3997	003/00370		Ralph Ghoche	1.00-4.00/4	
ARCH 3997	004/00372		Nick Smith	1.00-4.00/4	

ARCH GU4300 The Just City: Global Debates in Urban Planning and Policy. 4.00 points.

Urbanization is inherently unequal, inscribing social, economic, environmental, and political unevenness into the spatial fabric of the city. But the distribution of such inequality is not inevitable. Urbanization is a product of the collective decisions we make (or choose not to make) in response to the shared challenges we face in our cities. And, thus, the patterns of urbanization can be changed. This is the task of urban planning and the starting point for this advanced seminar, which asks how we can reshape our cities to be more just—to alleviate inequality rather than compound it. In embarking on this effort, we face numerous “wicked” problems without clear-cut solutions. The approaches one takes in addressing urban inequality are therefore fundamentally normative—they are shaped by one’s place in the world and one’s view of it. The central challenge in addressing inequality is thus establishing a basis for collective action amongst diverse actors with differing—and sometimes conflicting—values and views. In other words, planning the just city a matter of both empathy and

debate. In this course, we will endeavor to develop informed positions that can help us engage with others as a basis for taking collective action. The course is organized into four 3-week modules, each of which addresses a dimension of the just city: equity, democracy, diversity, and sustainability. In the first week of each module, we will discuss how the issue has been understood in history and theory (with an emphasis on tradeoffs between different priorities and values); in the second week, we will apply this discussion to a global case study prepared and presented by a team of students; and in the third week, we will hold an in-class debate to determine what should be done. Specific case studies vary each year

Fall 2022: ARCH GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 4300	001/00373	Th 2:10pm - 4:00pm 501 Diana Center	Nick Smith	4.00	14/16

SPRING 2023 COURSES

The course schedule listed below may be subject to change. Please revisit this page and the online Directory of Classes to confirm our spring course information. You are also welcome to contact us with any questions you may have: architecture@barnard.edu.

ARCH UN1010 DESIGN FUTURES: NEW YORK CITY. 3.00 points.

How does design operate in our lives? What is our design culture? In this course, we explore the many scales of design in contemporary culture -- from graphic design to architecture to urban design to global, interactive, and digital design. The format of this course moves between lectures, discussions, collaborative design work and field trips in order to engage in the topic through texts and experiences

Fall 2022: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00356	F 1:10pm - 4:25pm 501 Diana Center	Hua Tang	3.00	19/20
ARCH 1010	002/00358	F 1:10pm - 4:25pm 502 Diana Center	Kaeli Streeter	3.00	18/20

Spring 2023: ARCH UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/00641	F 1:10pm - 4:25pm 501 Diana Center	Richard Rouhe	3.00	18/20
ARCH 1010	002/00642	F 1:10pm - 4:25pm 502 Diana Center	Ivan Munuera	3.00	15/20

ARCH UN1020 INTRO-ARCH DESIGN/VIS CULTURE. 3.00 points.

Introductory design studio to introduce students to architectural design through readings and studio design projects. Intended to develop analytic skills to critique existing media and spaces.

Process of analysis used as a generative tool for the students own design work. Must apply for placement in course. Priority to upperclass students. Class capped at 16

Fall 2022: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00359	M W 1:10pm - 3:00pm 116 Lewisohn Hall	Richard Rouhe	3.00	12/16

Spring 2023: ARCH UN1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/00643	M W 1:10pm - 3:00pm 116 Lewisohn Hall	Madeline Schwartzman	3.00	14/16

ARCH UN2101 ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS. 4.50 points.

This architectural design studio explores material assemblies, techniques of fabrication, and systems of organization. These explorations will be understood as catalysts for architectural analysis and design experimentation. Both designed objects and the very act of making are always embedded within a culture, as they reflect changing material preferences, diverse approaches to durability and obsolescence, varied understandings of comfort, different concerns with economy and ecology. They depend on multiple resources and mobilize varied technological innovations. Consequently, we will consider that making always involves making a society, for it constitutes a response to its values and a position regarding its technical and material resources. Within this understanding, this studio will consider different cultures of making through a number of exercises rehearse design operations at different scales—from objects to infrastructures

Fall 2022: ARCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2101	001/00360	T Th 9:00am - 11:50am 404 Diana Center	Diana Cristobal Olave	4.50	16/16
ARCH 2101	002/00361	M W 9:00am - 11:50am 404 Diana Center	Richard Rouhe	4.50	17/16

Spring 2023: ARCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2101	001/00644	M W 9:00am - 11:50am 404 Diana Center	Michael Schissel	4.50	14/16

ARCH UN2103 ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS. 4.50 points.

This architectural design studio course explores modes of visualization, technologies of mediation and environmental transformations. These explorations will be used as catalysts for architectural analysis and design experimentation. Introducing design methodologies that allow us to see and to shape environmental interactions in new ways, the studio will focus on how architecture may operate as a mediator – an intermediary that negotiates, alters or redirects multiple forces in our world: physical, cultural, social, technological, political

etc. The semester will progress through three projects that examine unique atmospheric, spatial and urban conditions with the aid of multimedia visual techniques; and that employ design to develop creative interventions at the scales of an interface, space and city

Fall 2022: ARCH UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2103	001/00362	M W 10:00am - 12:50pm 404 Diana Center	Madeline Schwartzman	4.50	15/16

Spring 2023: ARCH UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 2103	001/00645	M W 9:00am - 11:50am 404 Diana Center	Bart-Jan Polman	4.50	16/16
ARCH 2103	002/00646	T Th 9:00am - 11:50am 404 Diana Center	Lindsay Harkema	4.50	15/16

ARCH UN3117 MOD ARCHITECTURE IN THE WORLD. 3.00 points.

Prerequisites: Designed for but not limited to sophomores; enrollment beyond 60 at the discretion of the instructor.
Prerequisites: Designed for but not limited to sophomores; enrollment beyond 60 at the discretion of the instructor. How has architecture been “modern”? This course will introduce students to things, practices, figures, and ideas behind this contentious and contradictory concept, emerging in multiple locations around the world. Students in this course will learn about architecture as it was practiced, taught, thought, and experienced across landscapes of social and cultural difference during the past two centuries. Learning about the past through historical consciousness around architecture and investigating the history of architecture as a discursive field are fundamental to liberal arts thinking generally, and important for students in architecture, the history and theory of architecture, art history, and urban studies. Students in this course will be introduced to: Architecture as enmeshed with other forms of cultural production Culturally-specific intellectual and public debates around the architectural and urban Makers, thinkers, and organizers of the designed or built environment Geographies, territories, and mobilities associated with architecture as an end or means for material extraction, refinement, trade, labor, and construction Sites, institutions, media, events, and practices which have come to hold meaning Modernity, modernism, and modernization in relation to each other, as social, cultural, and technological drivers holding stakes for past events as well their histories. In this course, we will ask questions about ideas and practices within disparate socially-and culturally-constructed worlds, and across other asymmetries. For example, can we draw a coherent historical thread through Lisbon in 1755, Bombay in 1854, Moscow in 1917, the moon in 1969, and al-Za’atari refugee camp in 2016? Are such narratives of coherence themselves the trace of the modernist impulse in architectural history? In this course, we will study modern architecture’s references to an art of building as well the metaphors it gives rise to. Embedded in this examination are

social and cultural questions of who made and thought modern architecture, and aesthetic and historical questions around the figure of the architect

Spring 2023: ARCH UN3117

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3117	001/00647	T Th 4:10pm - 5:25pm 504 Diana Center	Ralph Ghoche	3.00	57/60

ARCH UN3202 ADVANCED ARCHITECTURAL DESIGN II. 4.50 points.

Prerequisites: ARCH V3201. Open to architecture majors or with permission of instructor.

Prerequisite: ARCH UN3201. Advanced Architectural Design II culminates the required studio sequence in the major.

Students are encouraged to consider it as a synthetic studio where they advance concepts, research methodologies and representational skills learned in all previous studios towards a semester-long design project. Field trips, lectures, and discussions are organized in relation to studio exercises

Spring 2023: ARCH UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3202	001/00648	M W 9:00am - 11:50am 116 Lewisohn Hall	Kadambari Baxi, Diana Cristobal Olave, Eliana Dotan	4.50	20/40

ARCH UN3312 SPECIAL TOPICS IN ARCHITECTURE. 3.00 points.

See the Barnard and Columbia Architecture Department website for a description of this semester's topic.
architecture.barnard.edu/workshops

Fall 2022: ARCH UN3312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/00367	M W 6:10pm - 7:25pm 502 Diana Center	Irina Verona	3.00	9/16
ARCH 3312	002/00793	T Th 6:10pm - 7:25pm 501 Diana Center	Julian Harake	3.00	16/16

Spring 2023: ARCH UN3312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/00649	T Th 2:40pm - 3:55pm 502 Diana Center	Katharine Shima	3.00	16/16

ARCH UN3901 SENIOR SEMINAR. 4.00 points.

Readings, individual class presentations, and written reports

Fall 2022: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/00368	Th 12:10pm - 2:00pm 502 Diana Center	Suzanne Stephens	4.00	13/16

Spring 2023: ARCH UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ARCH 3901	001/00650	W 4:10pm - 6:00pm 502 Diana Center	Ralph Ghoche	4.00	9/16
ARCH 3901	002/00651	Th 4:10pm - 6:00pm 325 Milbank Hall	Ana Ozaki	4.00	14/16

ART HISTORY AND ARCHAEOLOGY

Departmental Office: 826 Schermerhorn Hall; 212-854-4505
<http://www.columbia.edu/cu/arhistory/>

Director of Undergraduate Studies: Prof. Diane Bodart, 914 Schermerhorn Hall; db2920@columbia.edu

Director of Art Humanities: Prof. Zoë Strother, 811 Schermerhorn Hall; zss1@columbia.edu

Coordinator for Undergraduate Programs: Emily Benjamin, 826 Schermerhorn Hall; 212-854-4505; eb3061@columbia.edu

The goal of the major in the Department of Art History and Archaeology is to explore the history of art, architecture, and archaeology across a broad historical, cultural, geographic, and methodological spectrum.

Department courses take advantage of the extraordinary cultural resources of New York City and often involve museum assignments and trips to local monuments. The department offers a major and concentration in art history and in the history and theory of architecture, and a combined major in art history and visual arts.

At the heart of the major is AHIS UN3000 INTRO LIT/METHODS OF ART HIST, which introduces students to different methodological approaches to art history and critical texts that have shaped the discipline. The colloquium also prepares students for the independent research required in seminars and advanced lecture courses, and should be taken during the junior year.

Surveys and advanced lecture courses offered by Barnard and Columbia cover the spectrum of art history from antiquity to the present and introduce students to a wide range of materials and methodologies. Limited-enrollment seminars have a narrower focus and offer intensive instruction in research and writing. The opportunity for advanced research with a senior thesis is available to students who qualify.

The major readily accommodates students who wish to study abroad during junior year. Courses taken at accredited programs can generally count as transfer credits toward the major, but students must gain the approval of the director of undergraduate studies. Similarly, any transfer credit for the major must be approved by the director of undergraduate studies. Generally no more than 12 points of transfer credit are applicable to the

major. The form to petition for transfer credit can be found on the [department website](#). Eligible Art History courses taken at Reid Hall and through the Berlin Consortium are counted as Columbia courses, not transfer courses.

All newly declared majors and concentrators should visit the department office and speak with the undergraduate program coordinator about the requirements and their planned curriculum.

The director of undergraduate studies regularly communicates with majors by e-mail to announce departmental events, museum internships, and other news. **Students who do not receive these messages should email the undergraduate program coordinator.** The director of undergraduate studies is also available to talk to students about their professional goals and plans to study abroad.

COURSE INFORMATION

Lectures

Attendance at the first class meeting is recommended.

Colloquia

For information about enrollment in the required colloquium *AHIS UN3000 INTRO LIT/METHODS OF ART HIST*, students should consult the department during the registration period in the semester prior to the one in which the course is offered. Interested students must sign up using an online form; majors will be informed of the sign-up dates and deadline via the majors mailing list. Enrollment is limited and admission is at the discretion of the instructor. It is recommended that students sign up for the colloquium in their junior year.

Seminars

Students must submit an application in order to be considered for enrollment in department seminars. These applications are due around the time of early registration (April for fall courses, November for spring courses). Interested students can apply using the Google form applications which are linked below each seminar description on the website, as well as in the "Notes" section of each Directory of Classes listing. Students should then join the SSOL wait-list for any seminars they have applied to.

Bridge Seminars

Bridge seminars are open to graduate and undergraduate students. Bridge seminars also require an application, which is due in the semester prior to the semester in which the course is offered (August for fall courses, December for spring courses). Interested students can apply using the Google form applications which are linked below each seminar description on the website, as well as in the "Notes" section of each Directory of Classes listing. Students should then join the SSOL wait-list for any seminars they have applied to.

Bridge Lectures

Bridge lectures are open to undergraduate and graduate students. They do not require an application.

Travel Seminar

In the spring, one or more undergraduate seminars in the Department of Art History and Archaeology may be designated as a travel seminar. Travel seminars receive funding to sponsor travel over the spring break to a distant site related to the subject matter of the seminar.

STUDY ABROAD

Reid Hall, Paris

For information about the Columbia University in Paris Art History Program at Reid Hall, including summer session courses, visit the [Office of Global Programs](#) website.

Summer Program in Italy: Archaeological Fieldwork at Hadrian's Villa

Columbia University offers a four-week summer program that provides undergraduate and graduate students with the opportunity to excavate and learn together at Hadrian's Villa, a UNESCO World Heritage site near Rome and the most important Roman villa. It synthesizes Roman, Greek, and Egyptian architectural and artistic traditions and has attracted scholarly attention for centuries. For more information, visit the [program website](#).

Columbia Summer Program in Venice

The Department of Art History and Archaeology and the Department of Italian offer a summer program based at Co' Foscari University in Venice. The program uses an interdisciplinary approach to understanding Italian culture through study of its language, literature/film, architecture, art history and conservation, and economy. Students have the opportunity to gain a deeper appreciation of the rich Venetian culture, traditions and history. The program is open to qualified undergraduate and graduate students from the U.S. and Italy. For more information, visit the [program website](#).

Columbia Summer Program in Greece

The Department of Art History and Archaeology and the Program in Hellenic Studies offer a new summer program in Athens. "Curating the Histories of the Greek Present" examines aspects of Greek history and culture through the organization of an art exhibition under the general theme of the environment. The project is structured around classroom seminars, museum and site visits, walking tours, and workshop sessions in which students will learn about and gain experience in all stages of curating an exhibition. For more information, visit the [program website](#).

DEPARTMENTAL HONORS

In order to be considered for departmental honors, students must write a senior thesis and have a GPA of at least 3.7 in the major. The faculty of the Department of Art History and Archaeology submits recommendations to the College Committee on Honors, Awards, and Prizes for confirmation. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

SENIOR THESIS PRIZE

A prize is awarded each year to the best senior honors thesis written in the Department of Art History and Archaeology.

PROFESSORS

Alexander Alberro (Barnard)
Zainab Bahrani
Barry Bergdoll
Julia Bryan-Wilson
Michael Cole
Jonathan Crary
Francesco de Angelis
David Freedberg
Anne Higonnet (Barnard)
Kellie Jones
Branden W. Joseph
Holger A. Klein
Rosalind Krauss
Matthew McKelway
Jonathan Reynolds (Barnard)
Simon Schama
Avinoam Shalem
Zoë Strother

ASSOCIATE PROFESSORS

Diane Bodart
Zeynep Çelik Alexander
Noam M. Elcott
Elizabeth W. Hutchinson (Barnard)
Subhashini Kaligotla
Ioannis Mylonopoulos
Lisa Trever

ASSISTANT PROFESSORS

Gregory Bryda (Barnard)
Meredith Gamer
Eleonora Pistis
Michael J. Waters

ADJUNCT FACULTY

Dawn Delbanco
Rosalyn Deutsche (Barnard)
Rachel Grace Newman
John Rajchman

LECTURERS

Margot Bernstein
Frederique Baumgartner
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Alessandra di Croce
Xiaohan Du
Nicholas Fitch
William Gassaway
Nina Horisaki-Christens
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Janet Kraynak
Sandrine Larrive-Bass
Martina Mims
Kent Minturn
Nicholas Morgan
Freda Murck
Steven Niedbala
Irina Oryshkevich
Elizabeth Perkins
Nina Rosenblatt
David Schneller
Julie Siemon
Susan Sivard
Leslie Tait
Matthew Teti
Stefaan Van Liefferinge
Caroline Wamsler
Leah Werier
Cathy Zhu

GUIDELINES FOR ALL ART HISTORY AND ARCHAEOLOGY MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Courses

HUMA UN1121 MASTERPIECES OF WESTERN ART (Art Humanities) does not count toward the majors or concentrations, and no credit is given for Advanced Placement exams.

Grading

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

Only the first course a student takes in the department may be taken for a grade of Pass/D/Fail. Classes taken in the Architecture or Visual Arts departments to fulfill the studio requirement may be taken for a grade of Pass/D/Fail.

Senior Thesis

The senior thesis project consists of a research paper 35-45 pages in length. It is a year-long project, and students writing a

thesis must register for *AHIS UN3002 SENIOR THESIS* for the fall and spring terms. Much of the fall semester is devoted to research, and the spring semester to writing.

All thesis writers are required to participate in class and, on alternate weeks, meet as a group or individually with the instructor. Group meetings are designed as a series of research and writing workshops geared toward students' research projects. Students receive a total of six credits for successful completion of the thesis and class.

In order to apply, students follow a selection process similar to the one currently used for seminars. Students must identify a thesis topic and secure a faculty adviser in the Department of Art History and Archaeology. Applications must indicate the subject of the thesis, a short annotated bibliography, and the name and the signature of the adviser, followed by a one-page statement (400 words) outlining the topic, goals, and methodology of the thesis.

The application deadline is set for August before the senior year. Please check the [department website](#) for exact dates. Applications may be delivered in person or emailed to the coordinator for undergraduate programs. The director of undergraduate studies, in consultation with the thesis adviser, reviews the applications.

Students who intend to write a thesis should begin formulating a research topic and approaching potential faculty sponsors during the spring of the junior year. Currently, the department offers the Summer Research Travel Grant fellowship, which supports thesis-related research and travel during the summer. Additional senior thesis research funding during the academic year is administered through Columbia College and General Studies.

Senior thesis applications may be found at: <http://www.columbia.edu/cu/arhistory/undergraduate/forms.html>

Summer Research Travel Grant

The department offers the Summer Research Travel Grant, which may be used for travel to museums, building sites, libraries, archives, and other places of interest relevant to the thesis project. Students normally use these funds to conduct research during the summer before senior year.

Travel grant applications require a carefully edited thesis proposal, itemized budget, and supporting letter from a faculty sponsor. Applications are due in April of the student's junior year. Students will be notified of deadlines as they become available. Please contact the coordinator for undergraduate programs with any questions.

MAJOR IN ART HISTORY

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

The year-long senior thesis project (for qualified students; see below) *AHIS UN3002 SENIOR THESIS* may substitute for one elective lecture course. Seminars may substitute for lecture courses and may count toward fulfillment of the distribution requirements. Barnard Art History courses count toward the majors and concentration requirements.

The requirements for the major are as follows:

AHIS UN3000 INTRO LIT/METHODS OF ART
HIST

Seven lecture courses in Art History:

At least one course in three of four historical periods,
listed below

An additional two courses in two different world regions,
listed below

Two additional lectures of the student's choice

Two seminars in art history

A studio course taken in the Visual Arts or Architecture
departments (which may be taken Pass/D/Fail)

Historical Periods

- Ancient (pre-400 CE/AD)
- 400-1400
- 1400-1700
- 1700-Present

World Regions

- Africa
- Asia
- Europe/North America/Australia
- Latin America
- Middle East

NOTE: These chronological divisions are approximate. In case of ambiguities, please contact the director of undergraduate studies.

MAJOR IN HISTORY AND THEORY OF ARCHITECTURE

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

Majors can take advantage of one of the strengths of the department by focusing on architectural history. This track combines an introductory studio in architectural design with a slightly modified program in art history. Major requirements were updated in February 2019; please contact the director of undergraduate studies with any questions.

The requirements for the major are as follows:

AHIS UN3000 INTRO LIT/METHODS OF ART
HIST

Seven lecture courses in art history, one of which must be AHIS UN1007 Introduction to Architecture, and three of which must focus on architectural history. Courses must cover four of five general areas:

Ancient Mediterranean

Medieval Europe

Renaissance and Baroque

18th-20th century

Non-Western

Two seminars in art history or architectural history

Architectural Studio:

ARCH UN1020	INTRO-ARCH DESIGN/VIS CULTURE
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NOTE: These chronological divisions are approximate. In case of ambiguities, please contact the director of undergraduate studies.

MAJOR IN ART HISTORY AND VISUAL ARTS

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

Students interested in the combined major should contact the coordinator for undergraduate programs in the Art History department, as well as the director of undergraduate studies in the Visual Arts department.

Up to two 3-point courses in art history may be replaced by a related course in another department, with approval of the adviser. The combined major requires the completion of sixteen or seventeen courses. It is recommended that students interested in this major begin working toward the requirements in their sophomore year.

The requirements for the major are as follows:

AHIS UN3000	INTRO LIT/METHODS OF ART HIST
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Seven lecture courses in art history:

At least one course in three of four historical periods, as listed below

An additional two courses in two different world regions, as listed below

Two additional lectures of the student's choice

21 points in Visual Arts covering:

VIAR UN1000	BASIC DRAWING
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VIAR UN2300	SCULPTURE I
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or VIAR UN2200	CERAMICS I
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Five additional VIAR 3-point studio courses (15 points)

In the senior year, students must complete either a seminar in the Department of Art History and Archaeology or a senior project in visual arts (pending approval by the Visual Arts Department).

NOTE: These chronological divisions are approximate. In case of ambiguities, please contact the director of undergraduate studies.

Historical Periods

- Ancient (pre-400 CE/AD)
- 400-1400
- 1400-1700
- 1700-present

World Regions

- Africa
- Asia
- Europe/North America/Australia
- Latin America
- Middle East

CONCENTRATION IN ART HISTORY

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

The requirements for the concentration are as follows:

Seven lecture courses in art history:

At least one course in three of four historical periods, listed below

An additional two courses in two different world regions, listed below

Two additional lectures of the student's choice

NOTE: These chronological divisions are approximate. In case of ambiguities, please contact the director of undergraduate studies.

Historical Periods

- Ancient (pre-400 CE/AD)
- 400-1400
- 1400-1700
- 1700-present

World Regions

- Africa
- Asia
- Europe/North America/Australia
- Latin America
- Middle East

Concentrators are not required to take the majors colloquium, a seminar, or a studio course.

CONCENTRATION IN HISTORY AND THEORY OF ARCHITECTURE

Please read *Guidelines for all for Art History and Archaeology Majors, Concentrators, and Interdepartmental Majors* above.

The requirements for the concentration are as follows:

AHIS UN1007 Introduction to the History of Architecture

Seven lecture courses in art history, one of which must be AHIS UN1007 Introduction to the History of Architecture, and three of which must focus on architectural history. Courses must cover four of five general areas:

Ancient Mediterranean

Medieval Europe

Renaissance and Baroque

18th-20th century

Non-Western

Concentrators are not required to take the majors colloquium, a seminar, or a studio course.

FALL 2022 UNDERGRADUATE LECTURES AND BRIDGE LECTURES

UNDERGRADUATE LECTURES: 2000-level courses.

Attendance at first class meeting is strongly recommended.

BRIDGE LECTURES: 4000-level courses. Bridge lectures are open to graduate and advanced undergraduate students.

They do not require an application. Attendance at first class is strongly recommended.

AHIS UN2108 Greek Art and Architecture. 3.00 points.

Introduction to the art and architecture of the Greek world during the archaic, classical, and Hellenistic periods (11th - 1st centuries B.C.E.)

Fall 2022: AHIS UN2108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2108	001/12693	T Th 10:10am - 11:25am 612 Schermerhorn Hall	David Schneller	3.00	45/60

AHIS UN2317 Renaissance Architecture. 4.00 points.

This course examines the history of architecture between roughly 1400 and 1600 from a European perspective outward. Employing a variety of analytical approaches, it addresses issues related to the Renaissance built environment thematically and through a series of specific case studies. Travelling across a geographically diverse array of locales, we will interrogate the cultural, material, urban, social, and political dimensions of architecture (civic, commercial, industrial, domestic, ecclesiastical and otherwise). Additional topics to be discussed include: antiquity and its reinterpretation; local identity, style, and ornament; development of building typologies; patronage and politics; technology and building practice; religious change and advancements in warfare; the creation and migration of

architectural knowledge; role of capitalism and colonialism; class and decorum in domestic design; health and the city; the mobility of people and materials; architectural theory, books, and the culture of print; the media of architectural practice; the growth of cities and towns; the creation of urban space and landscape; architectural responses to ecological and environmental factors; and the changing status of the architect. Students must register for a required discussion section

Fall 2022: AHIS UN2317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2317	001/12192	M W 2:40pm - 3:55pm 612 Schermerhorn Hall	Michael Waters	4.00	47/60

AHUM UN2604 ARTS OF CHINA, JAPAN AND KOREA. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduces distinctive aesthetic traditions of China, Japan, and Korea--their similarities and differences--through an examination of the visual significance of selected works of painting, sculpture, architecture, and other arts in relation to the history, culture, and religions of East Asia

Fall 2022: AHUM UN2604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2604	001/12236	M W 11:40am - 12:55pm 807 Schermerhorn Hall	Andrea Horisaki-Christens	3.00	21/21
AHUM 2604	002/19939	T Th 11:40am - 12:55pm 832 Schermerhorn Hall	Cathy Zhu	3.00	19/21

AHIS UN2615 Survey of Dynastic Chinese Painting with Modern Comparisons. 4.00 points.

How did painting become the dominant expression of dynastic China, the pride of both the imperial court and the educated elite? This course will explore answers to that question through the study of selected Chinese paintings. The focus will be on influential paintings from the late Han dynasty to the end of the Qing dynasty in 1911. Most paintings of the dynastic era will be introduced with a contemporary image from the 20th or 21st century. These recent works will allow us to consider continuities, ruptures, and transformations. Paintings functioned as guides to heaven and on correct behavior, entertainment, assertions of authority and legitimacy, celebrations of longevity, as well as ways to criticize and to complain. Because analogy and metaphor are fundamental to Chinese language and visual art, we will examine visual symbols, auspicious imagery, and the rhetoric of resistance. After successfully completing this course, you will be better able to articulate a research question, read more critically, write a visual analysis, and impress friends and family as you name a painting used in restaurant décor

Fall 2022: AHIS UN2615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2615	001/17790	T Th 1:10pm - 2:25pm 807 Schermerhorn Hall	Alfreda Murck	4.00	17/60

AHUM UN2800 Arts of Islam, 700-1000 CE. 4.00 points.
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This lecture course offers a comprehensive and chronological overview of the major masterpieces of art and architecture of the Muslim world between circa 700-1000 AD. Topics concerning the rise of Arabic as the official language of the new Muslim Empire and the aesthetic transformation it went from script to calligraphy, the shaping of sacred spaces and liturgical objects, rulers' iconographies and urban designs, as well as daily-life objects, will be discussed. Mecca, Madina, Jerusalem, Damascus, Fustat (old Cairo), Qayrawan, Cordoba, Baghdad, Samarra, Balkh, Bukhara and early Fatimid Cairo are the major playgrounds to illustrate particular moments of shifting powers and aesthetic paradigms in the early days of the Muslim empire, suggesting a more differentiated picture of the arts of Islam in the age of imagining a world-wide empire. The past narratives for these regions will be critically presented by both looking at the medieval sources and the modern historiographies for these regions and by highlighting the varied ideologies at play. Taking this critical vein of studying the arts of the early Muslim age, past narratives will be reconsidered, while enhancing our awareness to the complicated, if not sometimes manipulated, processes of giving works of arts meanings and values

Fall 2022: AHUM UN2800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2800	001/12553	M W 4:10pm - 5:25pm 612 Schermerhorn Hall	Avinoam Shalem	4.00	49/60

AHUM UN2901 MASTERPIECES-INDIAN ART # ARCH. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduction to 2000 years of art on the Indian subcontinent. The course covers the early art of Buddhism, rock-cut architecture of the Buddhists and Hindus, the development of the Hindu temple, Mughal and Rajput painting and architecture, art of the colonial period, and the emergence of the Modern

Fall 2022: AHUM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2901	001/19945	T Th 10:10am - 11:25am 832 Schermerhorn Hall	Subhashini Kaligotla	3.00	18/21

Spring 2023: AHUM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2901	001/13416	M W 11:40am - 12:55pm	Charlotte Gorant	3.00	20/21

807 Schermerhorn Hall

FALL 2022 UNDERGRADUATE SEMINARS AND BRIDGE SEMINARS

UNDERGRADUATE SEMINARS: 3000-level courses open to undergraduate students only. Interested students must fill out and submit an online application form in the semester prior to when the course will be offered (April deadline for fall courses, November deadline for spring courses). Please visit the "Courses" page on the department website and select the upcoming semester to find a list of undergraduate seminar descriptions and links to seminar application forms.
BRIDGE SEMINARS: 4500-level courses open to advanced undergraduates and graduate students. Applications are due in August for fall courses, and January for spring courses. Please visit the "Courses" page on the department website and select the upcoming semester to find a list of undergraduate seminar descriptions and links to seminar application forms.

AHIS UN3410 APPROACHES TO CONTEMPORARY ART. 4.00 points.

This course examines the critical approaches to contemporary art from the 1970s to the present. It will address a range of historical and theoretical issues around the notion of the contemporary (e.g. globalization, participation, relational art, ambivalence, immaterial labor) as it has developed in the era after the postmodernism of the 1970s and 1980s

Fall 2022: AHIS UN3410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3410	001/12197	M 2:10pm - 4:00pm 930 Schermerhorn Hall	Branden Joseph	4.00	12/12

AHIS UN3456 Picturing People: Photography # the Body. 4.00 points.

How did changing modes of representation reflect and contribute to shifting conceptions of embodiment and identity? This advanced undergraduate seminar explores the complex relationship between photography and the human body in the United States since the introduction of photography in 1839. Moving decade by decade, this course traces the development of photography alongside social and political change that altered how human bodies were understood, represented, inhabited, and controlled. We will examine a variety of photographic genres that figure the body, including personal portraits, ethnographic images, identification images, documentary photography, and fashion photography. Alongside the close examination of photographs, we will read key primary sources, scholarship in art history, and theoretical texts. Two field trips—one to Columbia's Art Properties and one to the Metropolitan Museum of Art—will give us an opportunity to have our own embodied encounters with historical photographs. Although the course explores the period between 1839 and 1970, we will reflect upon the legacy of historical photographic practices in the years since and in the contemporary world

Fall 2022: AHIS UN3456

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3456	001/12198	M 10:10am - 12:00pm 934 Schermerhorn Hall	Katherine Fein	4.00	12/12

AHIS UN3703 Sin Autorizacion: Themes in Contemporary Cuban Art. 4.00 points.

This course is planned in conjunction with the exhibition Sin autorización, to be on display at the Wallach Gallery in Fall 2022. Using the exhibition and its works as a guide, this class focuses on main themes within Cuban art from the last few decades. Rather than proceeding in chronological order, each unit will address a theme present both within the greater history of contemporary Cuban art and works from the exhibition itself. The course will make use of public programming for the exhibition, as well as direct access to the artists included in the exhibition, through in-class visits and workshops, as possible. While we will focus on contemporary art from Cuba, we will begin by grounding our study within Caribbean cultural theory and important scholarship in Caribbean art history. Using Caribbean theory will help to contextualize and situate contemporary Cuban art within the greater field of art history and cultural theory.

Fall 2022: AHIS UN3703

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3703	001/14892	W 10:10am - 12:00pm 934 Schermerhorn Hall	Gwen Unger	4.00	7/12

AHIS GU4517 Hadrian's Villa: An Imperial Court and Its Spaces. 4.00 points.

This seminar aims to understand Hadrian's Villa by contextualizing it within the broader network of Roman imperial residences—palaces and villas alike—and by focusing on the relationship between architectural spaces and decoration on the one hand, and social practices and daily routines on the other. Basing on the findings of Columbia's own excavations, special attention will be devoted to the cultic life at the villa, with particular emphasis on its non-elite inhabitants and the relationship between "high" and "low" forms of religiosity. The scope of the seminar is interdisciplinary: applications of students from all departments are welcome. Familiarity with Greek and Roman art, architecture, and history is strongly recommended.

Fall 2022: AHIS GU4517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4517	001/15466	W 6:10pm - 8:00pm 930 Schermerhorn Hall	Francesco de Angelis	4.00	8/15

AHIS GU4646 FOUCAULT AND THE ARTS. 4.00 points.

Michel Foucault was a great historian and critic who helped change the ways research and criticism are done today – a new 'archivist'. At the same time, he was a philosopher. His

research and criticism formed part of an attempt to work out a new picture of what it is to think, and think critically, in relation to Knowledge, Power, and Processes of Subjectivization. What was this picture of thought? How did the arts, in particular the visual arts, figure in it? How might they in turn give a new image of Foucault's kind of critical thinking for us today? In this course, we explore these questions, in the company of Deleuze, Agamben, Rancière and others thinkers and in relation to questions of media, document and archive in the current 'regime of information'. The Seminar is open to students in all disciplines concerned with these issues.

Fall 2022: AHIS GU4646

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4646	001/12199	M 4:10pm - 6:00pm 807 Schermerhorn Hall	John Allan Rajchman	4.00	16/30

AHIS GU4728 Digital Art History: New Methods for Studying European Medieval Architecture and Associated Arts. 4.00 points.

This seminar will explore the use of digital technologies in art history through studying new approaches to medieval art and architecture. For about thirty years, digital technologies have played an increasing role in the humanities. Recently, the phenomenon has significantly gained momentum. In the field of art history, this growth can be attributed to a wider availability of digital tools and the decreasing cost of advanced technologies. Lidar scanning, photogrammetry, virtual reality, high resolution photography, 3D modeling, and so on are now frequently part of art historical studies and publications. In this seminar, students are invited to evaluate the pros and cons of addressing digital technologies for art history. Starting from the subfield of medieval architecture, the seminar will address questions that appear today in many fields and periods of art history. The seminar will include hands-on practical experience. Students with or without technical skills are encouraged to join this seminar.

Fall 2022: AHIS GU4728

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4728	001/15596	W 12:10pm - 2:00pm 930 Schermerhorn Hall	Stefaan Van Liefferinge	4.00	9/12

AHIS GU4742 African American Visual and Decorative Arts, 1650-1900. 4.00 points.

This course surveys the earliest forms of visual production by North Americans of African descent, spanning the period from 1650-1900. Our focus encompasses decorative arts and crafts (furniture, pottery, quilts), architecture, and the emerging field of African American archeology, along with photography and the fine arts of painting and sculpture. We will consider how certain traditions brought from Africa contributed to the development of the early visual and material culture of what came to be called the United States. We will also reflect on how theories of diaspora, and resistance help us understand African American and American culture in general.

Fall 2022: AHIS GU4742

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4742	001/13458	Th 10:10am - 12:00pm 934 Schermerhorn Hall	Kellie Jones	4.00	9/15

AHIS GU4743 Colonial Visual Systems: Constructing a "New World". 4.00 points.

This course will examine the visual organizational systems used by Europeans during their colonization of the Americas, specifically the Caribbean. These systems were used in several ways: first to classify that which Europeans had never encountered through botanical and zoological illustration, then, as tools to assert control over groups of people and land through mapping practices and ethnographic illustrations. As such, the course will examine the broad history of colonialism and the transAtlantic slave trade, beginning in the early fifteenth century and ending with twentieth-century tourist photos. The course will study the ways these visual systems were marshaled to create narratives that persist to this day, including the construction of race and use of the Picturesque as a pro-slavery tool that rendered the Caribbean as a pastoral haven. Stressing the development of image analysis skills and primary source materials, the main requirement will be a final 15-20 page paper. Over the course of the semester, we will work on developing this paper together; the end goal is that students will have a paper they can use for conference presentations or even rework for publication. At the end of the course, the student will be versed not only in colonial history but in the ways visual systems have functioned to construct systems of power and control

Fall 2022: AHIS GU4743

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4743	001/15056	W 4:10pm - 6:00pm 934 Schermerhorn Hall	Rachel Grace Newman	4.00	15/16

MAJORS COLLOQUIUM

The Majors Colloquium is a required course for all majors in the department. See the [department website](#) for more information. Students must sign up online by the deadline, which is posted on the department website.

AHIS UN3000 INTRO LIT/METHODS OF ART HIST. 4.00 points.

Required course for department majors. Not open to Barnard or Continuing Education students. Students must receive instructors permission. Introduction to different methodological approaches to the study of art and visual culture. Majors are encouraged to take the colloquium during their junior year

Fall 2022: AHIS UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3000	001/12194	W 2:10pm - 4:00pm 930 Schermerhorn Hall	Noam Elcott	4.00	17/16

Spring 2023: AHIS UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3000	001/13402	M 4:10pm - 6:00pm 934 Schermerhorn Hall	Avinoam Shalem	4.00	11/12

AHIS UN3007 MAJ COLLOQ:LIT/MTHDS ARCH HIST. 4.00 points.

This course, on the one hand, examines the intertwined histories of art history and architectural history from the late nineteenth century onwards and, on the other, focuses on questions that have been central to architectural history since the field's beginnings. It combines theoretical inquiry with practical training in historical research. Students will be asked to carry out research projects in various archives in New York City and complete a single writing assignment in stages

Spring 2023: AHIS UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3007	001/13404	T 2:10pm - 4:00pm 806 Schermerhorn Hall	Zeynep Celik Alexander	4.00	5/12

SENIOR THESIS

The year-long Senior Thesis program is open to majors in the Department of Art History and Archaeology. For more information, please visit the [Senior Thesis information page](#) on the department website.

AHIS UN3002 SENIOR THESIS. 3.00 points.

Prerequisites: the departments permission. Required for all thesis writers

Fall 2022: AHIS UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3002	001/12195	Th 12:10pm - 2:00pm 930 Schermerhorn Hall	Diane Bodart	3.00	6/10

Spring 2023: AHIS UN3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3002	001/13403	Th 12:10pm - 2:00pm 930 Schermerhorn Hall	Diane Bodart	3.00	6/10

SPRING 2023 UNDERGRADUATE LECTURES AND BRIDGE LECTURES

UNDERGRADUATE LECTURES: 2000-level courses.

Attendance at first class meeting is strongly recommended.

BRIDGE LECTURES: 4000-level courses. Bridge lectures

are open to graduate and advanced undergraduate students.

They do not require an application. Attendance at first class is strongly recommended.

AHIS UN2309 EARLY MODERN ARCHITECTURE (1550-1799). 3.00 points.

This course examines the history of early modern architecture from a European perspective outward. It starts with the time of Michelangelo and Palladio and ends in the late eighteenth century. It addresses a number of transhistorical principal issues and analytical approaches while focusing on to a series of roughly chronological thematic studies. Travelling across courts, academies, streets, and buildings devoted to new institutions, this course examines the cultural, material, urban, social, and political dimensions of architecture, as well as temporal and geographic migrations of architectural knowledge. Topics will also include: the resurgence of interest in antiquity; the longue durée history of monuments; changes in building typology; the patronage and politics of architecture; technological developments and building practice; architectural theory, books, and the culture of print; the growth of capital cities; the creation of urban space and landscape; the formalization of architectural education; and the changing status of the architect.

Spring 2023: AHIS UN2309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2309	001/13399	T Th 4:10pm - 5:25pm 612 Schermerhorn Hall	Victoria Sanger	3.00	34/45

AHIS UN2405 TWENTIETH CENTURY ART. 4.00 points.

The course will examine a variety of figures, movements, and practices within the entire range of 20th-century art—from Expressionism to Abstract Expressionism, Constructivism to Pop Art, Surrealism to Minimalism, and beyond—situating them within the social, political, economic, and historical contexts in which they arose. The history of these artistic developments will be traced through the development and mutual interaction of two predominant strains of artistic culture: the modernist and the avant-garde, examining in particular their confrontation with and development of the particular vicissitudes of the century's ongoing modernization. Discussion section complement class lectures. Course is a prerequisite for certain upper-level art history courses

Spring 2023: AHIS UN2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2405	001/13400	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	Branden Joseph	4.00	75/90

AHIS UN2702 PRE-COLUMBIAN ART AND ARCHITECTURE. 3.00 points.

The Western Hemisphere was a setting for outstanding accomplishments in the visual arts for millennia before Europeans set foot in the so-called "New World." This course explores the early indigenous artistic traditions of what is now Latin America, from early monuments of the formative periods (e.g. Olmec and Chavín), through acclaimed eras of aesthetic

and technological achievement (e.g. Maya and Moche), to the later Inca and Aztec imperial periods. Our subject will encompass diverse genre including painting and sculpture, textiles and metalwork, architecture and performance. Attention will focus on the two cultural areas that traditionally have received the most attention from researchers: Mesoamerica (including what is today Mexico, Guatemala, Belize, El Salvador, and Honduras) and the Central Andes (including Ecuador, Peru, and Bolivia). We will also critically consider the drawing of those boundaries—both spatial and temporal—that have defined "Pre-Columbian" art history to date. More than a survey of periods, styles, and monuments, we will critically assess the varieties of evidence—archaeological, epigraphic, historical, ethnographic, and scientific—available for interpretations of ancient Latin American art and culture

Spring 2023: AHIS UN2702

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 2702	001/13401	M W 1:10pm - 2:25pm 612 Schermerhorn Hall	Lisa Trever	3.00	52/60

AHUM UN2901 MASTERPIECES-INDIAN ART # ARCH. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduction to 2000 years of art on the Indian subcontinent. The course covers the early art of Buddhism, rock-cut architecture of the Buddhists and Hindus, the development of the Hindu temple, Mughal and Rajput painting and architecture, art of the colonial period, and the emergence of the Modern

Fall 2022: AHUM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2901	001/19945	T Th 10:10am - 11:25am 832 Schermerhorn Hall	Subhashini Kaligotla	3.00	18/21

Spring 2023: AHUM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 2901	001/13416	M W 11:40am - 12:55pm 807 Schermerhorn Hall	Charlotte Gorant	3.00	20/21

AHIS GU4089 NATIVE AMERICAN ART. 3.00 points.

This course looks closely at objects and images produced by Native North Americans across history. Grounding our study in essays and guest lectures from Native scholars, we will investigate the significance of the works and how and to whom meaning is communicated. Beginning with an introduction that links aesthetics and worldview using the conventional organizing principle of the culture area, we quickly move on to case studies that take up key issues that persist for Native people living under settler colonialism today, including questions of sovereignty, self-expression, transformation and representation. Along the way, we will also tackle historiographic questions about how knowledge about

Native art has been produced in universities and museums and how Indigenous people have worked to counter those discourses

Spring 2023: AHIS GU4089

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4089	001/14594	M W 2:40pm - 3:55pm 807 Schermerhorn Hall	Elizabeth Hutchinson	3.00	25/45

SPRING 2023 UNDERGRADUATE SEMINARS AND BRIDGE SEMINARS

UNDERGRADUATE SEMINARS: 3000-level courses open to undergraduate students only. Interested students must fill out and submit an online application form in the semester prior to when the course will be offered (April deadline for fall courses, November deadline for spring courses). Please visit the "Courses" page on the department website and select the upcoming semester to find a list of undergraduate seminar descriptions and links to seminar application forms.

BRIDGE SEMINARS: 4500-level courses open to advanced undergraduates and graduate students. Applications are due in August for fall courses, and January for spring courses. Please visit the "Courses" page on the department website and select the upcoming semester to find a list of undergraduate seminar descriptions and links to seminar application forms.

AHIS UN3433 ENLIGHTENMENT#ARCHAEOLOGY. 4.00 points.

In this seminar, we will study the emergence of the disciplines of Near Eastern and Classical archaeology, antiquarian interests and collecting practices in eighteenth and nineteenth century Europe. This European scientific interest was centered around the ancient past of lands under the Ottoman empire in the Near East and the Eastern Mediterranean. Students will learn about antiquarianism and the development of the scientific discipline of archaeology, how it defined itself and set itself apart from its predecessor, focusing on the earliest collecting and documentation of antiquities, the start of organised excavations, the origins of the modern museum and early archaeological photography.

Spring 2023: AHIS UN3433

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3433	001/13405	W 4:10pm - 6:00pm 934 Schermerhorn Hall	Zainab Bahrani	4.00	6/12

AHIS UN3444 REFLEXIVITY IN ART # FILM. 4.00 points.

This seminar will explore a range of individual works of Western art from the 16th century to late 20th century in which the tension between illusionism and reflexivity is foregrounded. It will focus on well-known paintings and films in which forms of realism and verisimilitude coexist with features that affirm the artificial or fictive nature of the work or which dramatize the material, social and ideological conditions of

the work's construction. Topics will include art by Durer, Holbein, Velazquez, Watteau, Courbet, Morisot, Vertov, Deren, Godard, Varda, Hitchcock and others. Readings will include texts by Auerbach, Gombrich, Brecht, Jameson, Barthes, Didi-Huberman, Bazin, Lukacs, Mulvey, and Daney

Spring 2023: AHIS UN3444

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3444	001/13406	Th 4:10pm - 6:00pm 930 Schermerhorn Hall	Jonathan Crary	4.00	6/12

AHIS UN3453 Women Artists in Eighteenth-Century Europe. 4.00 points.

This seminar will examine the career and artistic production of women artists in the long eighteenth century in Europe, with a specific focus on Italy, France and Britain. Recent research has shown that many women managed to become professional artists during this period. But how successful were they? And what did their work consist of? To date, the historical recovery of data about their career and oeuvre remains a work in progress. In contrast, the few women artists who reached international fame in the eighteenth-century – in part because they were members of otherwise overwhelmingly male art academies – have received significant scholarly attention by art historians that include Angela Rosenthal and Mary Sheriff, among others, and have been the subject of important monographic exhibitions in the past two decades. In light of this state of the research, we will study the cases of canonical artists, such as Angelica Kauffman (1741-1807), as well as the cases of still understudied (yet sufficiently documented) artists, such as Marie Geneviève Bouliar (1763-1825). Our primary task will be to examine the different ways in which women who became artists navigated the eighteenth-century social order – an order where the terms “woman” and “professional artist” were commonly understood as contradictory – and analyze their art with a critical understanding of the expectations, aesthetic and otherwise, that they were held to. Topics of discussion will include: training; the hierarchy of genres; women artists and media, including miniature, engraving and sculpture; self-portraiture and gender expectations; women artists and art criticism; and emulation and authorship

Spring 2023: AHIS UN3453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3453	001/13407	T 10:10am - 12:00pm 806 Schermerhorn Hall	Frederique Baumgartner	4.00	10/12

AHIS GU4741 Art and Theory in a Global Context. 4.00 points.

What is “globalization”? How does it change the way we think about or show art today? What role does film and media play in it? How has critical theory itself assumed new forms in this configuration moving outside post-war Europe and America? How have these processes helped change with the very idea of ‘contemporary art’? What then might a transnational critical theory in art and in thinking look like today or in the 21st

century? In this course we will examine this cluster of questions from a number of different angles, starting with new questions about borders, displacements, translations and minorities, and the ways they have cut across and figured in different regions, in Europe or America, as elsewhere. In the course of our investigations, we will look in particular at two areas in which these questions are being raised today -- in Asia and in Africa and its diasporas. The course is thus inter-disciplinary in nature and is open to students in different fields and areas where these issues are now being discussed

Spring 2023: AHIS GU4741

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4741	001/13408	M 4:10pm - 6:00pm 807 Schermerhorn Hall	John Allan Rajchman	4.00	23/25

ASTRONOMY

Departmental Office: 1328 Pupin; 212-854-3278

<http://www.astro.columbia.edu>

Director of Undergraduate Studies:

Prof. Frederik B.S. Paerels, 1022 Pupin;
212-854-0181; frits@astro.columbia.edu

Astronomy is, at once, the oldest science and one of the most vibrant fields of modern research. Its goal is to construct testable, quantitative, coherent models of the universe (the UNity of the diVERSE) and its contents--galaxies, stars, and planets. The department offers two majors, both of which require a solid grounding in the mathematics and physics necessary for the pursuit of the discipline.

The astrophysics major is designed as preparation for graduate study and consists of a standard physics major sequence; a yearlong introduction to astrophysics (typically taken in the sophomore year, but open to first-years with adequate preparation in calculus and physics); and two required courses covering advanced topics in astronomy. Research, in the form of summer internships and/or term-time independent projects, which can lead to a senior thesis, is strongly encouraged. For a research thesis, students should enroll in the parallel, two-semester sequence *ASTR UN3997-ASTR UN3998 INDEPENDENT RESEARCH*, preferably in their senior year. Students begin the research project in the fall and complete the written thesis in the spring.

The astronomy major provides a basis for further study in the field, but is also designed to be compatible with liberal arts students who pursue other careers and those wishing to combine astronomy with related sciences other than physics, such as chemistry or geology. It requires only two physics courses beyond the introductory sequence and can be completed easily if begun in the sophomore year.

The department offers numerous introductory astronomy courses at the 1000-level that do not have prerequisites. The

calculus-based *ASTR UN2001 INTRO TO ASTROPHYSICS I-ASTR UN2002 INTRO TO ASTROPHYSICS II* sequence is recommended for astronomy majors and concentrators and is required for astrophysics majors.

Most 3000-level courses, as well as *ASTR GU4260 MODELING THE UNIVERSE*, are offered every other year. Students should inquire with the director of undergraduate studies if they have specific questions on the course schedule. *ASTR UN3996 Current Research in Astrophysics* is a one-point course offered in the fall, designed to introduce majors to research methods and topics. It requires students to attend the department colloquia and a seminar designed to help students understand the colloquium topic. The 3000-level courses need not be taken in any particular order.

PROFESSORS

James Applegate
Greg Bryan (Chair)
Zoltan Haiman
Jules P. Halpern (*emeritus*)
David J. Helfand
Kathryn Johnston
Laura Kay (Barnard)
Jeremiah P. Ostriker
Frederik B. S. Paerels
Joseph Patterson
Mary E. Putman
David Schiminovich
Jacqueline van Gorkom (*emeritus*)

ASSOCIATE PROFESSOR

Marcel Agüeros
David Kipping
Lorenzo Sironi

ASSISTANT PROFESSORS

Melissa K. Ness

ADJUNCT PROFESSOR

Michael Allison (GISS)
Mordecai-Mark MacLow (Hayden Planetarium)
Rebecca Oppenheimer (Hayden Planetarium)
Michael Shara (Hayden Planetarium)
Ruth Angus (Hayden Planetarium)

SENIOR LECTURER

Caleb Scharf

ON LEAVE

Prof. Agüeros, Bryan, Ness, Patterson, Schiminovich (*Fall 2022*)

GUIDELINES FOR ALL ASTRONOMY MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Courses in which the grade of D has been received do not count toward the major or concentration requirements.

MAJOR IN ASTRONOMY

The major requirements, to be planned with the director of undergraduate studies, are as follows:

Mathematics

Calculus sequence through MATH UN1202 Calculus IV or MATH UN1208 Honors Mathematics IV

Astronomy

Select one of the following options:

Option 1:

Two 3-point 1000-level astronomy courses

12 points in astronomy at the 2000-level or above

Option 2:

ASTR UN2001 INTRO TO ASTROPHYSICS I
- ASTR UN2002 and INTRO TO ASTROPHYSICS II

9 points in astronomy at the 3000-level or above

Physics

Select one of the following physics sequences:

Sequence 1:

PHYS UN1401 INTRO TO MECHANICS #
- PHYS UN1402 THERMO
- PHYS UN1403 and INTRO ELEC/MAGNETISM # OPTCS
and INTRO-CLASSCL # QUANTUM WAVES

Sequence 2:

PHYS UN1601 PHYSICS I:MECHANICS/
- PHYS UN1602 RELATIVITY
- PHYS UN2601 and PHYSICS II: THERMO, ELEC # MAG
and PHYSICS III:CLASS/ QUANTUM WAVE

Sequence 3:

PHYS UN2801 ACCELERATED PHYSICS I
- PHYS UN2802 and ACCELERATED PHYSICS II

Additional Physics Courses

Two physics courses at the 3000-level or above

Students contemplating graduate study are advised to include at least two of these physics courses:

PHYS UN3003 MECHANICS
PHYS UN3007 ELECTRICITY-MAGNETISM
PHYS GU4021 QUANTUM MECHANICS I
- PHYS GU4022 and QUANTUM MECHANICS II

One of these may be substituted for 3 points of astronomy.

MAJOR IN ASTROPHYSICS

Students considering an Astrophysics major are encouraged to meet with the director of undergraduate studies. If possible, it is useful to start the physics sequence in the first year.

Mathematics

Calculus sequence through MATH UN1202 Calculus IV or MATH UN1208 Honors Mathematics IV

Astronomy

ASTR UN2001 INTRO TO ASTROPHYSICS I
- ASTR UN2002 and INTRO TO ASTROPHYSICS II

6 points in astronomy at the 3000-level or above

Physics

Select one of the following physics sequences:

Sequence 1:

PHYS UN1401 INTRO TO MECHANICS #
- PHYS UN1402 THERMO
- PHYS UN1403 and INTRO ELEC/MAGNETISM # OPTCS
and INTRO-CLASSCL # QUANTUM WAVES

Sequence 2:

PHYS UN1601 PHYSICS I:MECHANICS/
- PHYS UN1602 RELATIVITY
- PHYS UN2601 and PHYSICS II: THERMO, ELEC # MAG
and PHYSICS III:CLASS/ QUANTUM WAVE

Sequence 3:

PHYS UN2801 ACCELERATED PHYSICS I
- PHYS UN2802 and ACCELERATED PHYSICS II

Additional Physics Courses

PHYS UN3003 MECHANICS
PHYS UN3007 ELECTRICITY-MAGNETISM
PHYS UN3008 ELECTROMAGNETIC WAVES # OPTICS
PHYS GU4021 QUANTUM MECHANICS I
- PHYS GU4022 and QUANTUM MECHANICS II
OR
PHYS BC3006 QUANTUM PHYSICS
- PHYS GU4023 and THERMAL # STATISTICAL PHYSICS

CONCENTRATION IN ASTRONOMY

An extra 3 points of physics can substitute for 3 points of astronomy, as long as the course submitted is at the equivalent or higher level. The concentration requirements are as follows:

Mathematics

9 points of mathematics

Astronomy

15 points of astronomy, nine of which must be at or above the 2000-level

Physics

9 points of physics

FALL 2022**ASTR UN1234 UNIVERSAL TIMEKEEPER. 3.00 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: high school algebra and latent curiosity are assumed.

The goal of the course is to illustrate — and perhaps even inculcate — quantitative and scientific reasoning skills. The subject material employed in this task is the study of atoms and their nuclei which, through a wide variety of physical and chemical techniques, can be used to reconstruct quantitatively the past. Following an introduction to atoms, light, and energy, we will explore topics including the detection of art forgeries, the precise dating of archeological sites, a reconstruction of the development of agriculture and the history of the human diet, the history of past climate (and its implications for the future), the history and age of the Earth, and the history of the Universe. The course has no required text. Readings of relevant articles and use of on-line simulations will be required.

Fall 2022: ASTR UN1234

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1234	001/13631	M W 8:40am - 9:55am 330 Uris Hall	David Helfand	3.00	35/50

ASTR UN1403 EARTH, MOON, AND PLANETS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

Prerequisites: recommended preparation: a working knowledge of high school algebra. The overall architecture of the solar system. Motions of the celestial sphere. Time and the calendar. Major planets, the earth-moon system, minor planets, comets. Life in the solar system and beyond. This course is similar to ASTR BC 1753. You cannot enroll in both courses and receive credit for both

Fall 2022: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/13632	T Th 1:10pm - 2:25pm 313 Fayerweather	James Applegate	3.00	56/75

Spring 2023: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/11866	M W 8:40am - 9:55am 333 Uris Hall	David Helfand	3.00	37/60

ASTR UN1453 ANOTHER EARTH. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

This course cannot be taken for credit if BC1753 has been taken.

This course will explore the unique properties of Earth, compared to other planets in the Solar System, and the possibility of Earth-like planets around other stars. The basics of the Solar System, gravity, and light will be covered, as well as the geology and atmospheres of the terrestrial planets. The properties of Earth that allowed life to develop and whether life can develop on other planets will be discussed. Finally, the discovery of planets beyond our Solar System and the likelihood of another Earth will be a key component of the course

Fall 2022: ASTR UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1453	001/13633	T Th 10:10am - 11:25am 313 Fayerweather	David Kipping	3.00	57/75

ASTR UN1903 ASTRONOMY LAB I. 1.00 point.

Laboratory for ASTR UN1403. Projects include observations with the departments telescopes, computer simulation, laboratory experiments in spectroscopy, and the analysis of astronomical data. Lab 1 ASTR UN1903 - goes with ASTR BC1753, ASTR UN1403 or ASTR UN1453

Fall 2022: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00553	M 6:00pm - 9:00pm Room TBA	Laura Kay, Maryum Sayeed	1.00	8/12
ASTR 1903	002/00554	T 6:00pm - 9:00pm Room TBA	Laura Kay, Benjamin Cassese	1.00	9/12
ASTR 1903	003/00809	W 7:00pm - 10:00pm Room TBA	Laura Kay, Courtney Carter	1.00	6/12

Spring 2023: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00441	M 7:00pm - 10:00pm Room TBA	Laura Kay, Matthew Scoggins	1.00	16/16
ASTR 1903	002/00442	W 6:00pm - 9:00pm Room TBA	Laura Kay, Shifra Mandel	1.00	10/16
ASTR 1903	003/00804	M 6:00pm - 9:00pm Room TBA	Laura Kay, Soichiro Hattori	1.00	14/16

ASTR UN2001 INTRO TO ASTROPHYSICS I. 3.00 points.

Prerequisites: a working knowledge of calculus. Corequisites: a course in calculus-based general physics. First term of a two-term calculus-based introduction to astronomy and astrophysics. Topics include the physics of stellar interiors, stellar atmospheres and spectral classifications, stellar energy generation and nucleosynthesis, supernovae, neutron stars, white dwarfs, and interacting binary stars

Fall 2022: ASTR UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2001	001/13634	M W 1:10pm - 2:25pm 829 Seeley W. Mudd Building	Lorenzo Sironi	3.00	30/30

ASTR UN2900 FRONTIERS OF ASTROPHYSICS. 1.00 point.

Several members of the faculty each offer a brief series of talks providing context for a current research topic in the field and then present results of their ongoing research. Opportunities for future student research collaboration are offered. Grading is Pass/Fail

Fall 2022: ASTR UN2900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2900	001/13635	F 10:10am - 11:25am 413 Kent Hall	Greg Bryan	1.00	49/63

ASTR UN3103 GALAXIES. 3.00 points.

Prerequisites: one year of calculus-based general physics.
Prerequisites: one year of calculus-based general physics.
Galaxies fill the universe with structure. They are bound objects that harbor stars, gas, dust and dark matter. This course will discuss the content and structure of galaxies. It will start with the Milky Way, a rotating spiral galaxy, with a particular emphasis on the properties of the interstellar medium. Dwarf galaxies, the building blocks of larger galaxies, will subsequently be discussed, followed by spiral, elliptical and irregular galaxies. The formation and evolution of these different galaxy types will be an important focus of the course, as well as the environment in which the galaxies reside. We will intersperse reviews of current papers on galaxies throughout the semester

Fall 2022: ASTR UN3103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3103	001/13636	T Th 10:10am - 11:25am 644 Seeley W. Mudd Building	Frederik Paerels	3.00	36/20

ASTR UN3105 EXTRASOLAR PLANETS # ASTROBIOL. 3.00 points.

Prerequisites: One year of calculus-based physics.
The emerging field of extrasolar planets and astrobiology will be covered at a quantitative level, with a major emphasis on astrophysical phenomena and techniques. The subject will be introduced through an investigation of current planetary formation theories and approaches to planet detection, including what we currently know about extrasolar planets and detailed reference to state-of-the-art studies. An astronomer's view of the origin of life and extreme biology will be developed and applied to questions of cosmo-chemistry, observable life-signatures, habitable zones and other astrophysical constraints on the development of organisms.

Fall 2022: ASTR UN3105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3105	001/13637	M W 10:10am - 11:25am 414 Pupin Laboratories	Caleb Scharf	3.00	33/35

ASTR UN3997 INDEPENDENT RESEARCH. 3.00 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration.

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration. A variety of research projects conducted under the supervision of members of the faculty. Observational, theoretical, and experimental work in galactic and extragalactic astronomy and cosmology. The topic and scope of the work must be arranged with a faculty member in advance; a written paper describing the results of the project is required at its completion (note that a two-term project can be designed such that the grade YC is given after the first term). Senior majors in astronomy or astrophysics wishing to do a senior thesis should make arrangements in May of their junior year and sign up for a total of 6 points over their final two terms. Both a substantial written document and an oral presentation of thesis results are required

Fall 2022: ASTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3997	001/13638		Frederik Paerels	3.00	9/10

ASTR GR6003 GALAXIES. 3.00 points.

An introduction to the study of galaxies, from both observational and theoretical perspectives. The course will review our current understanding of the formation and evolution of galaxies through descriptions of: their structure and dynamics; the gas and stellar populations they contain; and what we know about the distribution of dark matter within them.

Fall 2022: ASTR GR6003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6003	001/13639	T Th 8:40am - 9:55am 1332 Pupin Laboratories	Kathryn Johnston	3.00	12/30

SPRING 2023**ASTR UN1403 EARTH, MOON, AND PLANETS. 3.00 points.**

CC/GS: Partial Fulfillment of Science Requirement

329 Pupin
Laboratories

Prerequisites: recommended preparation: a working knowledge of high school algebra.

Prerequisites: recommended preparation: a working knowledge of high school algebra. The overall architecture of the solar system. Motions of the celestial sphere. Time and the calendar. Major planets, the earth-moon system, minor planets, comets. Life in the solar system and beyond. This course is similar to ASTR BC 1753. You cannot enroll in both courses and receive credit for both

Fall 2022: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/13632	T Th 1:10pm - 2:25pm 313 Fayerweather	James Applegate	3.00	56/75

Spring 2023: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/11866	M W 8:40am - 9:55am 333 Uris Hall	David Helfand	3.00	37/60

ASTR UN1404 STARS, GALAXIES # COSMOLOGY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Distances to, and fundamental properties of, nearby stars; nucleosynthesis and stellar evolution; novae and supernovae; galaxies; the structure of the universe and theories concerning its origin, evolution, and ultimate fate. You can only receive credit for ASTR UN1404 if you have not taken ASTR BC1754, ASTR UN1420 or ASTR UN1836

Spring 2023: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/11569	T Th 1:10pm - 2:25pm 330 Uris Hall	James Applegate	3.00	52/75

ASTR UN1610 THEOR-UNIVERS:BABYLON-BIG BANG. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Milestones in the science of cosmology over the past 6000 years. Skylore and observation in ancient cultures. The twin revolutions of the Greeks: Pythagoras and Ptolemy; and Aristotle, Aquinas, and the Great Chain of Being. The scientific revolution: the impersonal and deterministic world-order of Newton, Laplace, and Kelvin. The erosion of that world-order by mathematics and experiment in the 20th century (relativity, quantum physics, dark matter, and the expanding universe). Today's searches for a new grand order in the Universe, which can cope - or maybe not - with these blows to yesterday's comfortable wisdom

Spring 2023: ASTR UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/11570	M W 6:10pm - 7:25pm	Joseph Patterson	3.00	62/75

ASTR BC1753 LIFE IN THE UNIVERSE. 3.00 points.

An introductory course intended primarily for nonscience majors. This interdisciplinary course focuses on the subject of Life in the Universe. We will study historical astronomy, gravitation and planetary orbits, the origin of the chemical elements, the discoveries of extrasolar planets, the origin of life on Earth, the evolution and exploration of the Solar System, global climate change on Venus, Mars and Earth, and the Search for Extraterrestrial Life (SETI). You cannot receive credit for this course and for ASTR UN1403 or ASTR UN1453. Can be paired with the optional Lab class ASTR UN1903

Spring 2023: ASTR BC1753

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1753	001/00095	T Th 2:40pm - 3:55pm 202 Altschul Hall	Laura Kay	3.00	98/120

ASTR UN1836 STARS AND ATOMS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

Prerequisites: recommended preparation: a working knowledge of high school algebra. What is the origin of the chemical elements? This course addresses this question, starting from understanding atoms, and then going on to look at how atoms make stars and how stars make atoms. The grand finale is a history of the evolution of the chemical elements throughout time, starting from the Big Bang and ending with YOU. You cannot enroll in ASTR UN1836 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both

Spring 2023: ASTR UN1836

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/11571	T Th 8:40am - 9:55am 517 Hamilton Hall	Kathryn Johnston	3.00	71/80

ASTR UN1903 ASTRONOMY LAB I. 1.00 point.

Laboratory for ASTR UN1403. Projects include observations with the department's telescopes, computer simulation, laboratory experiments in spectroscopy, and the analysis of astronomical data. Lab 1 ASTR UN1903 - goes with ASTR BC1753, ASTR UN1403 or ASTR UN1453

Fall 2022: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00553	M 6:00pm - 9:00pm Room TBA	Laura Kay, Maryum Sayeed	1.00	8/12
ASTR 1903	002/00554	T 6:00pm - 9:00pm Room TBA	Laura Kay, Benjamin Cassese	1.00	9/12
ASTR 1903	003/00809	W 7:00pm - 10:00pm Room TBA	Laura Kay, Courtney Carter	1.00	6/12

Spring 2023: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00441	M 7:00pm - 10:00pm Room TBA	Laura Kay, Matthew Scoggins	1.00	16/16
ASTR 1903	002/00442	W 6:00pm - 9:00pm Room TBA	Laura Kay, Shifra Mandel	1.00	10/16
ASTR 1903	003/00804	M 6:00pm - 9:00pm Room TBA	Laura Kay, Soichiro Hattori	1.00	14/16

ASTR UN1904 ASTRONOMY LAB II. 1.00 point.

Laboratory for ASTR UN1404. Projects include use of telescopes, laboratory experiments in the nature of light, spectroscopy, and the analysis of astronomical data. Lab 2 ASTR UN1904 - goes with ASTR BC1754 or ASTR UN1404 (or ASTR UN1836 or ASTR UN1420)

Spring 2023: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	002/00444	T 7:00pm - 10:00pm Room TBA	Laura Kay, Ryan Golant, Jennifer Mead	1.00	12/16

ASTR UN2002 INTRO TO ASTROPHYSICS II. 3.00 points.

Prerequisites: a working knowledge of calculus. Corequisites: the second term of a course in calculus-based general physics. Continuation of ASTR UN2001; these two courses constitute a full year of calculus-based introduction to astrophysics. Topics include the structure of our galaxy, the interstellar medium, star clusters, properties of external galaxies, clusters of galaxies, active galactic nuclei, and cosmology

Spring 2023: ASTR UN2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2002	001/11573	T Th 10:10am - 11:25am 415 Schapiro Cepser	Mary Putman	3.00	24/40

ASTR UN3101 MODERN STELLAR ASTROPHYSICS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. Introductory astronomy is not required, but some exposure to astronomy is preferable. In the first half of the course, we will examine the physics of stellar interiors in detail, leading us to develop models of stellar structure and consider how stars evolve. In the second half of the course, we will discuss special topics, such as pre-main sequence evolution, the late stages of stellar evolution, and supernovae and compact objects.

Spring 2023: ASTR UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3101	001/11574	M W 10:10am - 11:25am	Melissa Ness	3.00	20/40

644 Seeley W.
Mudd Building

ASTR UN3646 OBSERVATIONAL ASTRONOMY. 3.00 points.

Prerequisites: one year of general astronomy
Prerequisites: one year of general astronomy Introduction to the basic techniques used in obtaining and analyzing astronomical data. Focus on ground-based methods at optical, infrared, and radio wavelengths. Regular use of the telescope facilities atop the roof of the Pupin Labs and at Harriman Observatory. The radio-astronomy portion consists mostly of computer labs, In research projects, students also work on the analysis of data obtained at National Observatories

Spring 2023: ASTR UN3646

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3646	001/11576	Th 7:00pm - 9:30pm 1402 Pupin Laboratories	David Schiminovich	3.00	26/25

ASTR UN3998 INDEPENDENT RESEARCH. 3.00 points.

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration.
Prerequisites: the instructors permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty members endorsement, is required for registration. A variety of research projects conducted under the supervision of members of the faculty. Observational, theoretical, and experimental work in galactic and extragalactic astronomy and cosmology. The topic and scope of the work must be arranged with a faculty member in advance; a written paper describing the results of the project is required at its completion (note that a two-term project can be designed such that the grade YC is given after the first term). Senior majors in astronomy or astrophysics wishing to do a senior thesis should make arrangements in May of their junior year and sign up for a total of 6 points over their final two terms. Both a substantial written document and an oral presentation of thesis results are required

Spring 2023: ASTR UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3998	001/11578		Frederik Paerels	3.00	11/15

ASTR GU4303 ASTROSTATISTICS. 3.00 points.

Astronomers live in era of "big data". Whilst astronomers of a century ago collected a handful of photographic plates each night, modern astronomers collect thousands of images encoded by millions of pixels in the same time. Both the volume of data and the ever present desire to dig deeper into data sets has led to a growing interest in the use of statistical methods to interpret observations. This class will provide an introduction to the methods commonly used in understanding astronomical data sets, both in terms of theory and application. It is one six classes the department offers every fourth semester

Spring 2023: ASTR GU4303

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 4303	001/11579	T Th 10:10am - 11:25am 644 Seeley W. Mudd Building	David Kipping	3.00	31/40

ASTR GR6004 STELLAR STRUCTURE # EVOLUTION. 3.00 points.

Topics include the physics of stellar structure, stellar atmospheres, radiation transport, nucleosynthesis, stellar evolution, star formation, pulsation, interacting binary stars, white dwarfs, and neutron stars

Spring 2023: ASTR GR6004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6004	001/11581	M W 10:10am - 11:25am 1332 Pupin Laboratories	Greg Bryan	3.00	11/15

ASTR GR6005 PHYSICAL COSMOLOGY LEC. 3.00 points.**Spring 2023: ASTR GR6005**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6005	001/11583	M W 2:40pm - 3:55pm 414 Pupin Laboratories	Zoltan Haiman	3.00	13/25

ASTR GR9004 RESEARCH SEMINAR II. 3.00 points.**Spring 2023: ASTR GR9004**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 9004	001/11584	M 4:00pm - 5:15pm 606 Lewisohn Hall	Frederik Paerels	3.00	10/15

ALL COURSES (INCLUDING THOSE NOT OFFERED IN ACADEMIC YEAR 2022-2023)**ASTR UN1234 UNIVERSAL TIMEKEEPER. 3.00 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: high school algebra and latent curiosity are assumed.

The goal of the course is to illustrate — and perhaps even inculcate — quantitative and scientific reasoning skills. The subject material employed in this task is the study of atoms and their nuclei which, through a wide variety of physical and chemical techniques, can be used to reconstruct quantitatively the past. Following an introduction to atoms, light, and energy, we will explore topics including the detection of art forgeries, the precise dating of archeological sites, a reconstruction of the development of agriculture and the history of the human diet, the history of past climate (and its implications for the future), the history and age of the Earth, and the history of the Universe. The course has no required text. Readings of relevant articles and use of on-line simulations will be required.

Fall 2022: ASTR UN1234

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1234	001/13631	M W 8:40am - 9:55am 330 Uris Hall	David Helfand	3.00	35/50

ASTR S1403D Earth, Moon, and Planets. 3 points.

Prerequisites: Recommended preparation: a working knowledge of high school algebra.

May be counted toward the science requirement for most Columbia University undergraduate students. The overall architecture of the solar system. Motions of the celestial sphere. Time and the calendar. Major planets, the earth-moon system, minor planets, comets. Life in the solar system and beyond.

ASTR UN1403 EARTH, MOON, AND PLANETS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

Prerequisites: recommended preparation: a working knowledge of high school algebra. The overall architecture of the solar system. Motions of the celestial sphere. Time and the calendar. Major planets, the earth-moon system, minor planets, comets. Life in the solar system and beyond. This course is similar to ASTR BC 1753. You cannot enroll in both courses and receive credit for both

Fall 2022: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/13632	T Th 1:10pm - 2:25pm 313 Fayerweather	James Applegate	3.00	56/75

Spring 2023: ASTR UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/11866	M W 8:40am - 9:55am 333 Uris Hall	David Helfand	3.00	37/60

ASTR UN1404 STARS, GALAXIES # COSMOLOGY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Distances to, and fundamental properties of, nearby stars; nucleosynthesis and stellar evolution; novae and supernovae; galaxies; the structure of the universe and theories concerning its origin, evolution, and ultimate fate. You can only receive credit for ASTR UN1404 if you have not taken ASTR BC1754, ASTR UN1420 or ASTR UN1836

Spring 2023: ASTR UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/11569	T Th 1:10pm - 2:25pm 330 Uris Hall	James Applegate	3.00	52/75

ASTR UN1453 ANOTHER EARTH. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

This course cannot be taken for credit if BC1753 has been taken.

This course will explore the unique properties of Earth, compared to other planets in the Solar System, and the possibility of Earth-like planets around other stars. The basics of the Solar System, gravity, and light will be covered, as well as the geology and atmospheres of the terrestrial planets. The properties of Earth that allowed life to develop and whether life can develop on other planets will be discussed. Finally, the discovery of planets beyond our Solar System and the likelihood of another Earth will be a key component of the course

Fall 2022: ASTR UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1453	001/13633	T Th 10:10am - 11:25am 313 Fayerweather	David Kipping	3.00	57/75

ASTR UN1420 Galaxies and Cosmology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Galaxies contain stars, gas dust, and (usually) super-massive black holes. They are found throughout the Universe, traveling through space and occasionally crashing into each other. This course will look at how these magnificent systems form and evolve, and what they can tell us about the formation and evolution of the Universe itself. You cannot enroll in ASTR UN1420 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both.

ASTR UN1610 THEOR-UNIVERS:BABYLON-BIG BANG. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Milestones in the science of cosmology over the past 6000 years. Skylore and observation in ancient cultures. The twin revolutions of the Greeks: Pythagoras and Ptolemy; and Aristotle, Aquinas, and the Great Chain of Being. The scientific revolution: the impersonal and deterministic world-order of Newton, Laplace, and Kelvin. The erosion of that world-order by mathematics and experiment in the 20th century (relativity, quantum physics, dark matter, and the expanding universe). Today's searches for a new grand order in the Universe, which can cope - or maybe not - with these blows to yesterday's comfortable wisdom

Spring 2023: ASTR UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/11570	M W 6:10pm - 7:25pm 329 Pupin Laboratories	Joseph Patterson	3.00	62/75

ASTR BC1753 LIFE IN THE UNIVERSE. 3.00 points.

An introductory course intended primarily for nonscience majors. This interdisciplinary course focuses on the subject of Life in the Universe. We will study historical astronomy, gravitation and planetary orbits, the origin of the chemical

elements, the discoveries of extrasolar planets, the origin of life on Earth, the evolution and exploration of the Solar System, global climate change on Venus, Mars and Earth, and the Search for Extraterrestrial Life (SETI). You cannot receive credit for this course and for ASTR UN1403 or ASTR UN1453. Can be paired with the optional Lab class ASTR UN1903

Spring 2023: ASTR BC1753

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1753	001/00095	T Th 2:40pm - 3:55pm 202 Altschul Hall	Laura Kay	3.00	98/120

ASTR BC1754 Stars, Galaxies, and Cosmology. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Recommended preparation: A working knowledge of high school algebra.

Corequisites: Suggested parallel laboratory course: ASTR C 1904y.

Examines the properties of stars, star formation, stellar evolution and nucleosynthesis, the Milky Way and other galaxies, and the cosmological origin and evolution of the universe. Students may not receive credit for both ASTR BC 1754 and ASTR C1404.

ASTR UN1836 STARS AND ATOMS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: recommended preparation: a working knowledge of high school algebra.

Prerequisites: recommended preparation: a working knowledge of high school algebra. What is the origin of the chemical elements? This course addresses this question, starting from understanding atoms, and then going on to look at how atoms make stars and how stars make atoms. The grand finale is a history of the evolution of the chemical elements throughout time, starting from the Big Bang and ending with YOU. You cannot enroll in ASTR UN1836 in addition to ASTR BC1754 or ASTR UN1404 and receive credit for both

Spring 2023: ASTR UN1836

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1836	001/11571	T Th 8:40am - 9:55am 517 Hamilton Hall	Kathryn Johnston	3.00	71/80

ASTR UN1903 ASTRONOMY LAB I. 1.00 point.

Laboratory for ASTR UN1403. Projects include observations with the department's telescopes, computer simulation, laboratory experiments in spectroscopy, and the analysis of astronomical data. Lab 1 ASTR UN1903 - goes with ASTR BC1753, ASTR UN1403 or ASTR UN1453

Fall 2022: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00553	M 6:00pm - 9:00pm Room TBA	Laura Kay, Maryum Sayeed	1.00	8/12

ASTR 1903 002/00554	T 6:00pm - 9:00pm Room TBA	Laura Kay, Benjamin Cassese	1.00	9/12
ASTR 1903 003/00809	W 7:00pm - 10:00pm Room TBA	Laura Kay, Courtney Carter	1.00	6/12

Spring 2023: ASTR UN1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00441	M 7:00pm - 10:00pm Room TBA	Laura Kay, Matthew Scoggins	1.00	16/16
ASTR 1903	002/00442	W 6:00pm - 9:00pm Room TBA	Laura Kay, Shifra Mandel	1.00	10/16
ASTR 1903	003/00804	M 6:00pm - 9:00pm Room TBA	Laura Kay, Soichiro Hattori	1.00	14/16

ASTR UN1904 ASTRONOMY LAB II. 1.00 point.

Laboratory for ASTR UN1404. Projects include use of telescopes, laboratory experiments in the nature of light, spectroscopy, and the analysis of astronomical data. Lab 2 ASTR UN1904 - goes with ASTR BC1754 or ASTR UN1404 (or ASTR UN1836 or ASTR UN1420)

Spring 2023: ASTR UN1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	002/00444	T 7:00pm - 10:00pm Room TBA	Laura Kay, Ryan Golant, Jennifer Mead	1.00	12/16

ASTR UN2001 INTRO TO ASTROPHYSICS I. 3.00 points.

Prerequisites: a working knowledge of calculus. Corequisites: a course in calculus-based general physics. First term of a two-term calculus-based introduction to astronomy and astrophysics. Topics include the physics of stellar interiors, stellar atmospheres and spectral classifications, stellar energy generation and nucleosynthesis, supernovae, neutron stars, white dwarfs, and interacting binary stars

Fall 2022: ASTR UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2001	001/13634	M W 1:10pm - 2:25pm 829 Seeley W. Mudd Building	Lorenzo Sironi	3.00	30/30

ASTR UN2002 INTRO TO ASTROPHYSICS II. 3.00 points.

Prerequisites: a working knowledge of calculus. Corequisites: the second term of a course in calculus-based general physics. Continuation of ASTR UN2001; these two courses constitute a full year of calculus-based introduction to astrophysics. Topics include the structure of our galaxy, the interstellar medium, star clusters, properties of external galaxies, clusters of galaxies, active galactic nuclei, and cosmology

Spring 2023: ASTR UN2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASTR 2002 001/11573	T Th 10:10am - 11:25am 415 Schapiro Cepser	Mary Putman	3.00	24/40
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ASTR UN2900 FRONTIERS OF ASTROPHYSICS. 1.00 point.

Several members of the faculty each offer a brief series of talks providing context for a current research topic in the field and then present results of their ongoing research. Opportunities for future student research collaboration are offered. Grading is Pass/Fail

Fall 2022: ASTR UN2900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2900	001/13635	F 10:10am - 11:25am 413 Kent Hall	Greg Bryan	1.00	49/63

ASTR UN3101 MODERN STELLAR ASTROPHYSICS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. Introductory astronomy is not required, but some exposure to astronomy is preferable. In the first half of the course, we will examine the physics of stellar interiors in detail, leading us to develop models of stellar structure and consider how stars evolve. In the second half of the course, we will discuss special topics, such as pre-main sequence evolution, the late stages of stellar evolution, and supernovae and compact objects.

Spring 2023: ASTR UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3101	001/11574	M W 10:10am - 11:25am 644 Seeley W. Mudd Building	Melissa Ness	3.00	20/40

ASTR UN3102 Planetary Dynamics and Physics of the Solar System. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based Physics. The physics and astrophysics of planets, comets, asteroids, natural and artificial satellites, and pretty much anything in the Solar System - including the Sun. Detailed study of the Earth's atmosphere and oceans: circulations, climate, and weather. Orbital dynamics. The emerging science of extrasolar planets. The origin, evolution, and eventual fate of planets.

ASTR UN3103 GALAXIES. 3.00 points.

Prerequisites: one year of calculus-based general physics. Prerequisites: one year of calculus-based general physics. Galaxies fill the universe with structure. They are bound objects that harbor stars, gas, dust and dark matter. This course will discuss the content and structure of galaxies. It will start with the Milky Way, a rotating spiral galaxy, with a particular emphasis on the properties of the interstellar medium. Dwarf galaxies, the building blocks of larger galaxies,

will subsequently be discussed, followed by spiral, elliptical and irregular galaxies. The formation and evolution of these different galaxy types will be an important focus of the course, as well as the environment in which the galaxies reside. We will intersperse reviews of current papers on galaxies throughout the semester

Fall 2022: ASTR UN3103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3103	OO1/13636	T Th 10:10am - 11:25am 644 Seeley W. Mudd Building	Frederik Paerels	3.00	36/20

ASTR UN3105 EXTRASOLAR PLANETS # ASTROBIOL. 3.00 points.

Prerequisites: One year of calculus-based physics. The emerging field of extrasolar planets and astrobiology will be covered at a quantitative level, with a major emphasis on astrophysical phenomena and techniques. The subject will be introduced through an investigation of current planetary formation theories and approaches to planet detection, including what we currently know about extrasolar planets and detailed reference to state-of-the-art studies. An astronomer's view of the origin of life and extreme biology will be developed and applied to questions of cosmo-chemistry, observable life-signatures, habitable zones and other astrophysical constraints on the development of organisms.

Fall 2022: ASTR UN3105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3105	001/13637	M W 10:10am - 11:25am 414 Pupin Laboratories	Caleb Scharf	3.00	33/35

ASTR UN3106 The Science of Space Exploration. 3 points. CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one semester course in introductory astronomy or astrophysics (e.g., ASTR UN1403, ASTR UN1404, ASTR UN1420, ASTR UN1836, ASTR UN2001, ASTR UN2002, ASTR BC1753, ASTR BC1754). Ability in mathematics up to and including calculus is strongly urged.

How and why do humans explore space? Why does it require such extraordinary effort? What have we found by exploring our Solar System? We investigate the physics and biological basis of space exploration, and the technologies and science issues that determine what we can accomplish. What has been accomplished in the past, what is being explored now, and what can we expect in the future? How do space scientists explore the Solar System and answer science questions in practice? What do we know about solar systems beyond our own?

ASTR UN3273 HIGH ENERGY ASTROPHYSICS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. No previous astronomy background required.

A survey of the most energetic and explosive objects in the Universe and their radiation. Topics include: techniques of X-ray and gamma-ray astronomy; observations of neutron stars (pulsars) and black holes; accretion disks and relativistic jets; supernovae, supernova remnants, gamma-ray bursts, quasars and active galactic nuclei; clusters of galaxies; cosmic rays and neutrinos.

ASTR UN3602 PHYSICAL COSMOLOGY. 3.00 points. CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. The standard hot big bang cosmological model and modern observational results that test it. Topics include the Friedmann equations and the expansion of the universe, dark matter, dark energy, inflation, primordial nucleosynthesis, the cosmic microwave background, the formation of large-scale cosmic structures, and modern cosmological observations

ASTR UN3646 OBSERVATIONAL ASTRONOMY. 3.00 points.

Prerequisites: one year of general astronomy. Introduction to the basic techniques used in obtaining and analyzing astronomical data. Focus on ground-based methods at optical, infrared, and radio wavelengths. Regular use of the telescope facilities atop the roof of the Pupin Labs and at Harriman Observatory. The radio-astronomy portion consists mostly of computer labs. In research projects, students also work on the analysis of data obtained at National Observatories

Spring 2023: ASTR UN3646

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3646	001/11576	Th 7:00pm - 9:30pm 1402 Pupin Laboratories	David Schiminovich	3.00	26/25

ASTR UN3985 Statistics and the Universe (Seminar). 3 points.

Prerequisites: First year calculus required, introductory physics or astronomy

Essential statistical methods will be applied in a series of case studies and research projects taken from the latest advances in cosmology, astronomy and physics. Statistics of measurement and detection, fundamentals of hypothesis testing, classifications, data modeling, time-series analysis, correlation and clustering will be explored through hands-on investigation using data from recent experiments and surveys.

ASTR UN3996 Current Research in Astrophysics. 1 point.

Prerequisites: two semesters of astronomy classes and two semesters of physics classes.

The goal of this course is to introduce astronomy and astrophysics majors to the methods and topics of current astronomical research. The course will also help with the development of critical thinking skills. Each week, the topic

of the course will be centered on the subject of the Astronomy department colloquium; this may include research on planets, stars, galaxies or cosmology. There will be two required meetings per week: the first will be to discuss papers related to the colloquium (time TBD), and the second will be the colloquium itself (at 4:15 pm each Wednesday). Grading is Pass/Fail.

ASTR UN3997 INDEPENDENT RESEARCH. 3.00 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration.

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration. A variety of research projects conducted under the supervision of members of the faculty. Observational, theoretical, and experimental work in galactic and extragalactic astronomy and cosmology. The topic and scope of the work must be arranged with a faculty member in advance; a written paper describing the results of the project is required at its completion (note that a two-term project can be designed such that the grade YC is given after the first term). Senior majors in astronomy or astrophysics wishing to do a senior thesis should make arrangements in May of their junior year and sign up for a total of 6 points over their final two terms. Both a substantial written document and an oral presentation of thesis results are required

Fall 2022: ASTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3997	001/13638		Frederik Paerels	3.00	9/10

ASTR UN3998 INDEPENDENT RESEARCH. 3.00 points.

Prerequisites: the instructor's permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty member's endorsement, is required for registration.

Prerequisites: the instructors permission. For an independent research project or independent study, a brief description of the proposed project or reading, with the supervising faculty members endorsement, is required for registration. A variety of research projects conducted under the supervision of members of the faculty. Observational, theoretical, and experimental work in galactic and extragalactic astronomy and cosmology. The topic and scope of the work must be arranged with a faculty member in advance; a written paper describing the results of the project is required at its completion (note that a two-term project can be designed such that the grade YC is given after the first term). Senior majors in astronomy or astrophysics wishing to do a senior thesis should make arrangements in May of their junior year and sign up for a total of 6 points over their final two terms. Both a substantial written document and an oral presentation of thesis results are required

Spring 2023: ASTR UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3998	001/11578		Frederik Paerels	3.00	11/15

ASTR GU4260 MODELING THE UNIVERSE. 3.00 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics.
Prerequisites: one year of calculus-based general physics. The goal of this course is to provide a basic hands-on introduction to the practice and theory of scientific computing with applications in astronomy and astrophysics. The course will include an introduction to programming, as well as a sampling of methods and tools from the field of scientific computing. The course will include a hands-on project in which students use numerical methods to solve a research problem. Students who are interested in participating in research projects are strongly encouraged to take the course in their sophomore or junior year

ASTR GU4302 General Relativity, Black Holes, and Cosmology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus-based general physics. Einstein's General Theory of Relativity replaced Newtonian gravity with an elegant theory of curved spacetime. Einstein's theory led to unforeseen and unnerving predictions of singularities and cosmological instabilities. Nearly a century later, these mathematical oddities have been confirmed astrophysically in the existence of black holes, an expanding universe, and a big bang. The course will cover Einstein's General Theory, beginning with special relativity, with an emphasis on black holes and the big bang.

ASTR GU4303 ASTROSTATISTICS. 3.00 points.

Astronomers live in era of "big data". Whilst astronomers of a century ago collected a handful of photographic plates each night, modern astronomers collect thousands of images encoded by millions of pixels in the same time. Both the volume of data and the ever present desire to dig deeper into data sets has led to a growing interest in the use of statistical methods to interpret observations. This class will provide an introduction to the methods commonly used in understanding astronomical data sets, both in terms of theory and application. It is one six classes the department offers every fourth semester

Spring 2023: ASTR GU4303

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 4303	001/11579	T Th 10:10am - 11:25am 644 Seeley W. Mudd Building	David Kipping	3.00	31/40

ASTR GR6001 RADIATIVE PROCESSES. 3.00 points.

Prerequisites: 3000-level electromagnetic theory and quantum mechanics.

Prerequisites: 3000-level electromagnetic theory and quantum mechanics. Radiation mechanisms and interaction of radiation

with matter. Applications of classical and semiclassical radiation theory and atomic physics to astrophysical settings. Radiative transfer, polarization, scattering, line radiation, special relativity, bremsstrahlung, synchrotron radiation, inverse Compton scattering, ionization losses, shocks and particle acceleration, plasma processes, atomic structure and spectroscopic terms, radiative transitions and oscillator strengths, curve of growth, molecular spectra

ASTR GR6003 GALAXIES. 3.00 points.

An introduction to the study of galaxies, from both observational and theoretical perspectives. The course will review our current understanding of the formation and evolution of galaxies through descriptions of: their structure and dynamics; the gas and stellar populations they contain; and what we know about the distribution of dark matter within them.

Fall 2022: ASTR GR6003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6003	001/13639	T Th 8:40am - 9:55am 1332 Pupin Laboratories	Kathryn Johnston	3.00	12/30

ASTR GR6005 PHYSICAL COSMOLOGY LEC. 3.00 points.

Spring 2023: ASTR GR6005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 6005	001/11583	M W 2:40pm - 3:55pm 414 Pupin Laboratories	Zoltan Haiman	3.00	13/25

OF RELATED INTEREST

Physics and Astronomy (Barnard)

ASTR BC1753	LIFE IN THE UNIVERSE
ASTR BC1754	Stars, Galaxies, and Cosmology

Physics

PHYS UN3002	From Quarks To the Cosmos: Applications of Modern Physics
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BIOLOGICAL SCIENCES

Departmental Office: 600 Fairchild, 212-854-4581; mes2314@columbia.edu; biology@columbia.edu

Director of Undergraduate Studies, Undergraduate Programs and Laboratories:

Prof. Alice Hecklen, 744B Mudd; 212-854-5952; ah2289@columbia.edu

Online Resources:

[FAQs for first-year students](#)
[FAQs for prospective majors](#)
[Checklist of major requirements](#)
[Additional course information](#)

The usual one-year introductory biology sequence is [BIOL UN2005 INTRO BIO I: BIOCHEM, GEN, MOLEC](#)-[BIOL UN2006 INTRO BIO II: CELL BIO, DEV/PHYS](#), taken in the sophomore year, after one year of general chemistry. For more details, see *Introductory Courses* under *Requirements*—Major in Biology. All students interested in biology are encouraged to take BIOL UN1908 First Year Seminar in Biology in the fall semester of their first year.

Premedical students should consult with their advising dean or the preprofessional office for relevant details of medical school requirements. Students interested in graduate school should consult the biology career adviser, Dr. Molly Przeworski

Nonscience majors who wish to take a biology course to fulfill the science requirement are encouraged to take BIOL UN1130 GENES AND DEVELOPMENT. Interested students should consult listings in other departments for courses related to biology.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP Biology exam. Placement is determined by the department. Students with a 5 on the AP are encouraged to take BIOL UN2005 INTRO BIO I: BIOCHEM, GEN, MOLEC and BIOL UN2006 INTRO BIO II: CELL BIO, DEV/PHYS, but are not required to do so. For details, visit <https://www.biology.columbia.edu/pages/first-year-students-and-prospective-students-faq>

TRANSFER CREDIT

ADVISING

Biology Major and Concentration Advisers (CC):

For a list of current biology, biochemistry, biophysics, and neuroscience and behavior advisers, please visit <http://biology.columbia.edu/programs/advisors>

- A-G: Prof. Carol Prives, 816 Fairchild; clp3@columbia.edu
- H-N: Prof. Mary Ann Price, 744A Mudd; map2293@columbia.edu
- O-Z: Prof. Tulle Hazelrigg, 753A Mudd, tih1@columbia.edu

Biology Major and Concentration Adviser (GS):

Prof. Deborah Mowshowitz; 744D Mudd; dbm2@columbia.edu

Biochemistry Advisers (CC & GS):

Biology: Prof. John Hunt, 702A Fairchild; jfh21@columbia.edu (for course planning questions)

Prof. James Manley, 1117A Fairchild; jlm2@columbia.edu (for research, graduate school questions)

Chemistry: Prof. Vesna Gasperov, 355 Chandler Hall;
vg2231@columbia.edu

Biophysics Adviser (CC & GS):

Prof. Ozgur Sahin, 908 Northwest Corner Building;
os2246@columbia.edu

Neuroscience and Behavior Advisers (CC):

Biology:

- A-P: Prof. Stuart Firestein, 1011B Fairchild;
sjf24@columbia.edu
- Q-Z: Prof. Jian Yang, 917A Fairchild; jy160@columbia.edu

Psychology: Prof. Caroline Marvin, 317 Schermerhorn;
cbm2118@columbia.edu

Neuroscience and Behavior Advisers (GS):

Biology: Prof. Deborah Mowshowitz; 744D Mudd;
dbm2@columbia.edu

Psychology: Prof. Caroline Marvin, 317 Schermerhorn;
cbm2118@columbia.edu

SUMMER UNDERGRADUATE RESEARCH FELLOWSHIP (SURF) PROGRAM

First-year students, sophomores, and juniors are eligible for the department's paid internship program (SURF). This program is competitive; the department cannot assure every eligible student a place in any given summer.

Students apply to the program early in the spring term. A faculty committee headed by Dr. Alice Heicklen then matches selected students to appropriate labs. The deadline for SURF applications is at the beginning of the spring semester.

SURF students must submit a report on their work at the end of the summer session and participate in the following year's annual Undergraduate Research Symposium. Although it does not carry any academic credit, SURF can be used toward the lab requirement for majors and toward graduation with honors. For detailed information on all summer research programs and how to apply, please visit the SURF [website](#).

Current detailed descriptions of the SURF program and the application procedure are available at SURF's website, <https://www.biology.columbia.edu/programs/surf>. For more information on the Amgen Scholarship Program, please visit <https://www.biology.columbia.edu/programs/amgen-scholars-program>. Applications to all of these programs are through SURF.

DEPARTMENTAL HONORS

Students must apply for departmental honors. Applications are due no later than one day before spring break of their senior

year. For details, please visit the departmental website at <http://biology.columbia.edu/programs/honors-biological-sciences>.

PROFESSORS

Peter Andolfatto

Harmen Bussemaker

Martin Chalfie

Lawrence Chasin

Stuart Firestein

Joachim Frank

Iva Greenwald

Tulle Hazelrigg

Oliver Hobert

John Hunt

Songtao Jia

Daniel Kalderon

Darcy Kelley

Laura Landweber

James Manley

Robert Pollack

Carol Prives

Ronald Prywes

Molly Przeworski

Michael Sheetz

Brent Stockwell

Simon Tavare

Saeed Tavazoie

Liang Tong

Jian Yang

Rafael Yuste

ASSOCIATE PROFESSORS

Lars Dietrich

Ozgur Sahin

Guy Sella

ASSISTANT PROFESSORS

Erin Barnhart
Laura Duvall

Jellert Gaublonne

Marko Jovanovic

Raju Tomer
Maria Tosches

LECTURERS

Claire Elise Hazen

Alice Heicklen

Mary Ann Price

Lili Yamasaki

ADJUNCT FACULTY

Lewis Brown
Ronald Guido
Jay Hammel

Danny Nam Ho

John Loike

Alan Morrison

Deborah Mowshowitz

Solomon Mowshowitz

Dana Pe'er

Vincent Racaniello

David Sable

Christian Schindler

GUIDELINES FOR ALL BIOLOGICAL SCIENCES MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Returning students should check the departmental website for any last-minute changes and/or additional information. See especially undergraduate updates and list of department courses. All major and concentration requirements are detailed on the website and links provided below.

Exceptions to Requirements

Students must get written permission in advance for any exceptions to the requirements listed below. For the exceptions to be applied toward graduation, the student must notify the biology department in one of the following two ways:

1. The student can file a completed paper planning form, signed by a faculty adviser, in the biology department office at 600 Fairchild;
2. The faculty member approving the exception can send an e-mail explaining the exceptions to mes2314@columbia.edu.

Grade Requirements for the Major

A grade of C- or higher must be earned and revealed on your transcript for any course – including the first – to be counted toward the major or concentration requirements. The grade of P is not acceptable. A course that was taken Pass/D/Fail may be counted if and only if the P is uncovered by the Registrar's deadline.

Courses

Courses with the subject code *HPSC* or *SCNC* do not count toward the majors or concentrations.

MAJOR IN BIOLOGY

General Information

The requirements for the biology major include courses in biology, chemistry, physics, and mathematics.

The required biology courses are one year of introductory biology, two core courses in biology or biochemistry, two 3-point electives in biology or biochemistry, and an appropriate lab experience. See below for details.

The required courses outside the biology department are chemistry through organic (plus labs), one year of college-level physics (plus lab), and the completion of one year of college-level mathematics (usually calculus).

Alternative sequences to the above may be arranged in special circumstances, but only with the permission of the director of undergraduate studies or a departmental adviser obtained in advance; for example, certain courses listed in the *Summer Term Bulletin*, the *School of General Studies Bulletin*, and the *Barnard College Bulletin* may be applied toward the major. In addition, selected courses at the Columbia-Presbyterian Medical Center are open to advanced undergraduates. Credit toward the major for courses not listed in the *Columbia College Bulletin* must be discussed in advance with the director of undergraduate studies or a departmental adviser. Students are responsible for notifying the department of all exceptions either in writing or by e-mail as explained above.

Alternative programs must be arranged in advance with the director of undergraduate studies. Students planning graduate work in biology should keep in mind that physical chemistry and statistics are important for many graduate programs.

Introductory Courses

The usual one-year introductory biology sequence is BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC-BIOL UN2006 INTRO BIO II:CELL BIO,DEV/PHYS, taken in the sophomore year.

Other sequences require permission in advance from the director of undergraduate studies or departmental advisers. Students with a strong background in chemistry or molecular biology may take BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC-BIOL UN2006 INTRO BIO II:CELL BIO,DEV/PHYS in their first year; the permission of one of the instructors is required.

Premedical students usually take BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC-BIOL UN2006 INTRO BIO II:CELL BIO,DEV/PHYS after a year of general chemistry.

Students with advanced placement in biology are expected to take BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC as their initial biology course, because BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC-BIOL UN2006 INTRO BIO II:CELL BIO,DEV/PHYS is taught at a level of detail and depth not found in most advanced placement courses.

Students who wish to skip BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC and start with a higher-level biology course may do so, but they must obtain permission in advance from the director of undergraduate studies. For additional information, see [FAQs for first-year students](#).

Core Courses

Two out of the following five departmental core courses are required:

BIOL UN3022	DEVELOPMENTAL BIOLOGY
BIOL UN3031	GENETICS
BIOL UN3041	CELL BIOLOGY
or BIOL GU4041	

BIOC GU4501	BIOCHEM I-STRUCTURE/ METABOLISM
or BIOL UN3300	BIOCHEMISTRY
BIOL GU4512	MOLECULAR BIOLOGY

Laboratory Courses

A laboratory experience in biology is required. It may be fulfilled by completing any one of the following options:

Option 1:

Select one of the following 5-point laboratory courses:

BIOL UN3058	PROJECT LAB IN MICROBIOLOGY
BIOL UN3052	PROJECT LAB-MOLECULAR GENETICS

Option 2:

BIOL UN2501	CONTEMPORARY BIOLOGY LAB
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Select an additional 3-point lab such as BIOL UN3040, a 5-point project lab, or a Barnard lab. Barnard labs must be approved by a Biology Major Advisor.

Option 3:

Two terms of BIOL UN3500 taken for a letter grade, including the submission of a satisfactory research report at the end of each semester

Option 4:

Completion of all the requirements for one session of the Summer Undergraduate Research Fellowship (SURF). An additional semester of BIOL UN3500 in the same research lab is recommended but not required. Summer lab work under other auspices may not be substituted for the SURF Program.

The laboratory fee (\$150) partially covers the cost of nonreturnable items. This fee is charged for all lab courses, except [BIOL UN3500](#) Independent Biological Research and SURF.

Upper-Level Elective Courses

Select two additional courses, carrying at least 3 points each, from any of the 3000- or 4000- level lecture courses. BIOL UN3500 INDEP BIOLOGICAL RESEARCH cannot be used as one of the courses to satisfy the upper-level elective course requirement. A list of 3000- or 4000- level approved electives can be found on the biology website: <https://www.biology.columbia.edu/pages/biology-major-requirements>

Chemistry

All majors must take chemistry through organic including labs. One of the following three groups of chemistry courses is required:

Option 1:

CHEM UN1403 - CHEM UN1404	GENERAL CHEMISTRY I- LECTU and GENERAL CHEMISTRY II- LECTURES
------------------------------	--

CHEM UN1500 GENERAL CHEMISTRY
- CHEM UN1501 LABORATORY
and GENERAL CHEMISTRY
LAB-LECTURE

CHEM UN2443 ORGANIC CHEMISTRY I-
- CHEM UN2444 LECTURES
and ORGANIC CHEMISTRY II-
LECTURES

CHEM UN2493 ORGANIC CHEM. LAB I
- CHEM UN2494 TECHNIQUES
and ORGANIC CHEM. LAB II
SYNTHESIS

Option 2:

For students who qualify for intensive chemistry

CHEM UN1604 2ND TERM GEN CHEM
(INTENSIVE)

CHEM UN1507 INTENSVE GENERAL
CHEMISTRY-LAB

CHEM UN2444 ORGANIC CHEMISTRY II-
- CHEM UN2443 LECTURES
and ORGANIC CHEMISTRY I-
LECTURES

CHEM UN2495 ORGANIC CHEM.
- CHEM UN2496 LABORATORY I
and ORGANIC CHEM.
LABORATORY II

Option 3:

For students who qualify for first year organic chemistry

CHEM UN1507 INTENSVE GENERAL
CHEMISTRY-LAB

CHEM UN2045 INTENSVE ORGANIC
- CHEM UN2046 CHEMISTRY
and INTENSVE ORG CHEM-
FOR 1ST YEAR

CHEM UN2495 ORGANIC CHEM.
- CHEM UN2496 LABORATORY I
and ORGANIC CHEM.
LABORATORY II

or CHEM UN2545 INTENSIVE ORGANIC CHEM LAB

Physics

Students must take two terms of physics including the accompanying labs. The usual choices are PHYS UN1201-PHYS UN1202 GENERAL PHYSICS II and PHYS UN1291-PHYS UN1292 GENERAL PHYSICS II LABORATORY. Higher-level physics sequences are also acceptable. The 1400-level sequence is recommended for students who plan to take three terms of physics.

Mathematics

Two semesters of calculus or honors mathematics are required. Students may substitute one semester of statistics for one semester of calculus with an adviser's permission. For students with AP credit, completion of MATH UN1102 CALCULUS II, MATH UN1201 CALCULUS III, or MATH UN1207 HONORS MATHEMATICS A is sufficient. However, students

with AP credit are encouraged to take additional courses in mathematics or statistics at Columbia.

For more details on the biology major requirements, visit <http://biology.columbia.edu/pages/biology-major-requirements>.

MAJOR IN BIOCHEMISTRY

The required basic courses for the biochemistry major are chemistry through organic, including laboratory, and one year each of physical chemistry, physics, calculus, biology, and biochemistry/molecular biology.

The required additional courses are three lecture courses chosen from mathematics, chemistry, and biology, and two upper-level laboratory courses.

For more details, see the *Chemistry* section in this Bulletin.

For additional information visit the Department of Biological Sciences website: <http://biology.columbia.edu/pages/biochemistry-major-requirements>.

MAJOR IN BIOPHYSICS

The requirements for the biophysics major are as follows:

One year of introductory biology:

BIOL UN2005	INTRO BIO I:
- BIOL UN2006	BIOCHEM, GEN, MOLEC
	and INTRO BIO II: CELL
	BIO, DEV/PHYS

Select at least one of the following laboratory courses:

BIOL UN3052	PROJECT LAB-MOLECULAR
	GENETICS

BIOL UN3058	PROJECT LAB IN
	MICROBIOLOGY

BIOL UN3500	INDEP BIOLOGICAL
	RESEARCH

One course in biochemistry or molecular biology:

BCHM GU4501	BIOCHEM I-STRUCTURE/ METABOLISM
or BIOC UN3512	Molecular Biology
or BIOC UN3300	BIOCHEMISTRY

Select one of the following options:

Option 1 - Genetics:

BIOL UN3031	GENETICS
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Option 2 - Neurobiology:

BIOL UN3004	NEUROBIO I: CELLULAR # MOLECULAR
or BIOL UN3005	NEUROBIO II: DEVPT # SYSTEMS

Option 3 - Developmental Biology:

BIOL UN3022	DEVELOPMENTAL BIOLOGY
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Select one of the following sequences to be completed at the end of sophomore year:

PHYS UN1401
- PHYS UN1402
- PHYS UN1403
- PHYS UN1494

INTRO TO MECHANICS #
THERMO
and INTRO ELEC/MAGNETISM
OPTCS
and INTRO-CLASSCL #
QUANTUM WAVES
and INTRO TO
EXPERIMENTAL PHYS-LAB

PHYS UN1601
- PHYS UN1602
- PHYS UN2601
- PHYS UN2699

PHYSICS I:MECHANICS/
RELATIVITY
and PHYSICS II: THERMO,
ELEC # MAG
and PHYSICS III:CLASS/
QUANTUM WAVE
and Experiments in Classical and
Modern Physics

PHYS UN2801
- PHYS UN2802
- PHYS UN3081

ACCELERATED PHYSICS I
and ACCELERATED PHYSICS
II
and INTERMEDIATE
LABORATORY WORK

Select any two physics courses at the 3000-level or above,
chosen in consultation with the adviser.

Calculus through MATH UN1202 or MATH UN1208

MATH UN3027 Ordinary Differential Equations

CHEM UN1403 GENERAL CHEMISTRY I-
LECTU

CHEM UN1404 GENERAL CHEMISTRY II-
LECTURES

Select one additional course at the 3000- or 4000-
level, including BIOL GU4002, BIOC GU4323, and
BIOC GU4324, in either physics or biology.

For more details, see the *Physics* section in this Bulletin or
visit the Department of Biological Sciences website: [http://
biology.columbia.edu/pages/biophysics-major-requirements](http://biology.columbia.edu/pages/biophysics-major-requirements).

MAJOR IN NEUROSCIENCE AND BEHAVIOR

In addition to one year of college general chemistry, ten
courses are required to complete the major in neuroscience and
behavior—five in biology and five in psychology.

For more details, see the *Psychology* section in this Bulletin
or visit [http://biology.columbia.edu/pages/neuroscience-and-
behavior-major-requirements](http://biology.columbia.edu/pages/neuroscience-and-behavior-major-requirements).

CHEMISTRY COURSES

One year of college chemistry is required prior to taking
Introductory Biology.

BIOLOGY COURSES

One year of introductory biology.

BIOL UN2005 INTRO BIO I:
- BIOL UN2006 BIOCHEM,GEN,MOLEC
and INTRO BIO II:CELL
BIO,DEV/PHYS

One year of Neurobiology

BIOL UN3004 NEUROBIO I:CELLULAR #
- BIOL UN3005 MOLECUL
and NEUROBIO II: DEVPT #
SYSTEMS

One additional 3000 or 4000 level biology lecture course
from the following:

BIOL UN3006 PHYSIOLOGY
BIOL UN3019 Brain Evolution
BIOL UN3022 DEVELOPMENTAL BIOLOGY
BIOL UN3025 NEUROGENETICS
BIOL UN3031 GENETICS

BIOL UN3799 MOLECULAR BIOLOGY OF
CANCER

BIOL UN3041 CELL BIOLOGY

BIOL UN3073 CELLULAR/MOLECULAR
IMMUNOLOGY

BIOL UN3193 STEM CELL BIOL #
APPLICATIONS

BIOC UN3300 BIOCHEMISTRY

BIOL UN3404 The Global Threat of
Antimicrobial Resistance

BIOL GU4034 BIOTECHNOLOGY (or
BIOL UN3404)

BIOL GU4035 SEMINAR IN EPIGENETICS

BIOL GU4075 BIOLOGY AT PHYSICAL
EXTREMES

BIOL GU4080 ANCIENT AND MODERN RNA
WORLDS

BIOL GU4082 Theoretical Foundations and
Applications of Biophysical
Methods

BIOL GU4260 PROTEOMICS LABORATORY

BIOL GU4290 BIOLOGICAL MICROSCOPY

BIOL GU4300 DRUGS AND DISEASE

BIOL GU4305 SEMINAR IN
BIOTECHNOLOGY

BIOC GU4323 Biophysical Chemistry I

BIOC GU4324 Biophysical Chemistry II

BCHM GU4501 BIOCHEM I-STRUCTURE/
METABOLISM (or
BIOC UN3501)

BIOC GU4512 MOLECULAR BIOLOGY (or
BIOC UN3512)

BIOL GU4510 Genomics of Gene Regulation

BIOL GU4560 EVOL IN THE AGE OF
GENOMICS

PSYCHOLOGY COURSES

Each of the following courses:

PSYC UN1001 THE SCIENCE OF
PSYCHOLOGY

or PSYC UN1021 Science of Psychology: Explorations and
Applications

PSYC UN2430	COGNITIVE NEUROSCIENCE (Students who have previously taken PSYC UN1010 Mind, Brain and Behavior (no longer offered) may use that course to fulfill this requirement.)
or PSYC UN2450 or PSYC UN2470	BEHAVIORAL NEUROSCIENCE Fundamentals of Human Neuropsychology
One statistics or research methods course from the following:	
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR
PSYC UN1450	RESEARCH METHODS - SOCIAL COGNITION # EMOTION
PSYC UN1455	RESEARCH METHODS: SOCIAL/PERSONALITY
PSYC UN1490	RESEARCH METHODS - COGNITION/DECISION MAKING
PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
PSYC UN1660	Advanced Statistical Inference
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS (Note, STAT UN1001 does not count towards the N&B major.)
One additional 2000- or 3000- level psychology lecture course from a list approved by the psychology advisor:	
PSYC S2210Q	Cognition: Basic Processes
PSYC UN2215 or PSYC S2215D	Cognition and the Brain Cognition and the Brain
PSYC UN2220	COGNITION: MEMORY AND STRESS
PSYC W2225	Attention and Perception
PSYC W2230	Perception and Sensory Processes
PSYC UN2235 or PSYC S2235Q	THINKING AND DECISION MAKING Thinking and Decision Making
PSYC UN2250	Evolution of Cognition
PSYC UN2280	Developmental Psychology
PSYC UN2420	ANIMAL BEHAVIOR
PSYC UN2440	Language and the Brain
PSYC UN2450 or PSYC S2450Q	BEHAVIORAL NEUROSCIENCE Behavioral Neuroscience
PSYC UN2460	DRUGS AND BEHAVIOR
PSYC UN2470	Fundamentals of Human Neuropsychology
PSYC UN2480	The Developing Brain
PSYC UN2481	Developmental Cognitive Neuroscience
PSYC S2490D	Evolutionary Psychology
PSYC UN2620 or PSYC S2620Q	ABNORMAL BEHAVIOR Abnormal Behavior

PSYC UN2690	Frontiers of Justice
One advanced psychology seminar from a list approved by the psychology advisor:	
PSYC W3265	Auditory Perception (Seminar)
PSYC UN3270	COMPUT APPROACHES-HUMAN VISION
PSYC UN3280 or PSYC S3280D	Seminar In Infant Development Seminar in Infant Development
PSYC S3285D	The Psychology of Disaster Preparedness
PSYC UN3290	Self: A Cognitive Exploration (Seminar)
PSYC GU4202	Theories of Change in Human Development
PSYC GU4222	The Cognitive Neuroscience of Aging (Seminar)
PSYC GU4223	MEMORY # EXEC FUNCT:LIFESPAN
PSYC GU4224	Consciousness and Cognitive Science
PSYC GU4225	CONSCIOUSNESS # ATTENTION
PSYC GU4229	ATTENTION AND PERCEPTION
PSYC GU4232	Production and Perception of Language
PSYC GU4235	SPECIAL TOPICS IN VISION
PSYC GU4236	Machine Intelligence
PSYC GU4239	COG NEURO NARRATIVE FILM
PSYC GU4242	Evolution of Language (seminar)
PSYC GU4244	LANGUAGE AND MIND
PSYC GU4250	Evolution of Intelligence, Cognition, and Language (Seminar)
PSYC GU4265	AUDITORY PERCEPTION
PSYC GU4270	COGNITIVE PROCESSES
PSYC G4272	Advanced Seminar in Language Development
PSYC GU4280	CORE KNOWLEDGE
PSYC GU4281	The Psychology of Curiosity
PSYC GU4282	The Neurobiology and Psychology of Play
PSYC G4285	Multidisciplinary Approaches to Human Decision Making (Seminar)
PSYC GU4287	DECISION ARCHITECTURE
PSYC GU4289	THE GAMES PEOPLE PLAY:PSYCH OF STRAT DEC
PSYC S3410Q	Seminar in Emotion
PSYC W3435	Neurobiology of Reproductive Behavior (Seminar)
PSYC UN3445	THE BRAIN AND MEMORY
PSYC UN3450	Evolution of Intelligence, Animal Communication, # Language

or PSYC GU4450	
PSYC UN3481	CRITICAL PERIODS IN BRAIN
PSYC W3484	Life Span Development: Theory and Methods
PSYC UN3496	NEUROSCIENCE AND SOCIETY
or PSYC S3490Q	
PSYC W4415	Methods and Issues in Cognitive Neuroscience (Seminar)
PSYC GU4420	Animal Cognition (Seminar)
PSYC GU4430	Learning and the Brain (Seminar)
PSYC GU4435	NON-MNEMONIC FUNC OF MEMORY SYSTEMS
PSYC GU4440	TOPICS-NEUROBIOLOGY # BEHAVIOR
or PSYC S4440Q	Topics in Neurobiology and Behavior
PSYC G4460	Cognitive Neuroscience and the Media (Seminar)
PSYC GU4470	PSYCH # NEUROPSYCH OF LANGUAGE
PSYC GU4480	PSYCHOBIOLOGY OF INFANT DEVPT
PSYC GU4482	Neural Plasticity
PSYC G4485	Affective Neuroscience (Seminar)
PSYC GU4486	Developmental and Affective Neuroscience (Seminar)
PSYC GU4490	Inheritance (Seminar)
PSYC G4492	Psychobiology of Stress
PSYC GU4493	Stress and the Brain
PSYC G4495	Ethics, Genetics, and the Brain
PSYC GU4496	Behavioral Neuroimmunology
PSYC GU4498	BEHAVIORAL EPIGENETICS
PSYC S3610D	The Psychology of Stereotyping & Prejudice
PSYC UN3615	Children at Risk (Lecture)
PSYC UN3620	SEM-DEVELOPMNTL PSYCHOPATHOLGY
PSYC UN3623	TOPICS IN CLINICAL PSYCHOLOGY
PSYC UN3624	Adolescent Mental Health: Causes, Correlates, Consequences
PSYC UN3625	CLINICAL NEUROPSYCHOLOGY
or PSYC S3625Q	Clinical Neuropsychology Seminar
PSYC UN3655	Field Experimentation Methods for Social Psychology
PSYC UN3661	Happiness Studies Seminar
PSYC UN3671	Motivation Science
PSYC UN3680	Social Cognitive Neuroscience (Seminar)
or GU4685	
PSYC UN3691	Interpersonal Cognition Seminar: Close Relationships, Identity, and Memory
PSYC UN3693	Stress in an Interpersonal Context

PSYC GU4612	Frontiers of Justice
PSYC GU4615	PSYCH OF CULTURE & DIVERS
PSYC GU4627	Seminar in Anxiety, Obsessive-Compulsive, and Related Disorders
PSYC GU4630	ADV SEM CURRENT PERS THRY
PSYC GU4635	The Unconscious Mind (Seminar)
PSYC GU4645	CULTR,MOTIVATN,PROSOCIAL BEHAV
PSYC GU4646	Socio-Ecological Psychology
PSYC GU4670	THRY-SOCIAL/PERSONALITY PSYCH
PSYC GU4672	MORAL PSYCHOLOGY
PSYC GU4673	Political Psychology
PSYC GU4682	FAQS ABOUT LIFE:APPL OF PSYC RSCH TO EVE
PSYC GU4685	SOCIAL COGNITIVE NEUROSCIENCE
PSYC GU4686	Barriers and Levers for Behavior Change
PSYC GU4690	SOCIAL FACTORS # PSYCHOPATHLGY
PSYC GU4695	Psychology of Close Relationships (Seminar)
PSYC GU4880	In Service of Equity: Examining Developmental Science through the Lens of Policy

Note: Students wishing to use a seminar course not listed above to meet the P5 seminar requirement must contact their psychology adviser before enrolling to request permission for an exception. Generally speaking, permission for such exceptions is only granted when there is a compelling case related to the student's research or area of study. Students requesting permission to use a course not on this list must ensure that their substantive coursework in the seminar (generally their final paper) is on a neuroscience-focused topic.

CONCENTRATION IN BIOLOGY

Students who wish to concentrate in biology must design their programs in advance with the director of undergraduate studies or a departmental adviser.

The requirement for the concentration is 22 points in biology or biochemistry, with at least five courses chosen from the courses listed in the Biological Sciences section of the Bulletin. Additional courses in physics, chemistry, and mathematics are required as detailed below.

A project laboratory and BIOL UN2501 CONTEMPORARY BIOLOGY LAB may **not** both be counted toward the 22-point total. See the biology major requirements for additional information.

The requirements for the concentration in biology are as follows:

BIOL UN2005	INTRO BIO I: BIOCHEM,GEN,MOLEC
BIOL UN2006	INTRO BIO II:CELL BIO,DEV/ PHYS
Select at least one of the following core courses:	
BIOL UN3022	DEVELOPMENTAL BIOLOGY
BIOL UN3031	GENETICS
BIOL UN3041 or BIOLGU4041	CELL BIOLOGY
BIOC GU4501 or BIOC UN3300	BIOCHEM I-STRUCTURE/ METABOLISM BIOCHEMISTRY
BIOC GU4512	MOLECULAR BIOLOGY

Plus additional biology elective courses (see electives listed under biology major) to reach a total of 22 points in biology courses.

Beginning Fall 2018, no biology lab is required for the concentration. All other requirements remain the same, including enough electives to reach at least 22 points. Either UN2501 or a five-point lab course, but not both, may count towards the 22 point total.

Chemistry through organic including labs; see biology major for options

One year of physics, including laboratory; see biology major for options

One year of college-level mathematics (ordinarily this should be calculus); see biology major for options

For more details, visit <http://biology.columbia.edu/pages/biology-concentration-requirements>.

FALL 2022

BIOL UN1360	Science and Society
BIOL UN1908	First Year Seminar in Biology
BIOL UN2005	INTRO BIO I: BIOCHEM,GEN,MOLEC
BIOL UN2401	CONTEMPORARY BIOLOGY I
BIOL UN2501	CONTEMPORARY BIOLOGY LAB
BIOL UN3004	NEUROBIO I:CELLULAR # MOLECLR
BIOL UN3006	PHYSIOLOGY
BIOL UN3022	DEVELOPMENTAL BIOLOGY
BIOL UN3025	NEUROGENETICS
BIOL UN3041	CELL BIOLOGY
BIOL UN3073	CELLULAR/MOLECULAR IMMUNOLOGY
BIOC UN3300	BIOCHEMISTRY
BIOL UN3320	Regulation of Behaviors for Survival
BIOL UN3404	The Global Threat of Antimicrobial Resistance

BIOL UN3500	INDEP BIOLOGICAL RESEARCH
BIOL GU4036	Transformative Concepts in Systems Biology
BIOL GU4260	PROTEOMICS LABORATORY
BIOL GU4300	DRUGS AND DISEASE
BIOC GU4323	Biophysical Chemistry I
BCHM GU4501	BIOCHEM I-STRUCTURE/ METABOLISM (Previously listed under BCHM UN3501)
BIOL GU4600	CELL SIGNALING

SPRING 2023

BIOL UN1004	Foundations of Biology
BIOL UN1130	GENES AND DEVELOPMENT
BIOL UN2006	INTRO BIO II:CELL BIO,DEV/ PHYS
BIOL UN2402	CONTMP BIO II:CELL BIO,DEV,PHYS
BIOL UN2501	CONTEMPORARY BIOLOGY LAB
BIOL UN3005	NEUROBIO II: DEVPT # SYSTEMS
BIOL UN3019	Brain Evolution
BIOL UN3031	GENETICS
BIOL UN3052	PROJECT LAB-MOLECULAR GENETICS
BIOL UN3058	PROJECT LAB IN MICROBIOLOGY
BIOC UN3300	BIOCHEMISTRY
BIOL UN3500	INDEP BIOLOGICAL RESEARCH
BIOL UN3995	TOPICS IN BIOLOGY
BIOL GU4001	ADVANCED GENETIC ANALYSIS
BIOL GU4075	BIOLOGY AT PHYSICAL EXTREMES
BIOL GU4080	ANCIENT AND MODERN RNA WORLDS
BIOL GU4290	BIOLOGICAL MICROSCOPY
BIOL GU4305	SEMINAR IN BIOTECHNOLOGY
BIOL GU4310	INTENSIVE LAB IN BIOTECHNOLOGY
BIOC GU4512	MOLECULAR BIOLOGY
BCHM GU4551	A Structural View of Biology

ALL COURSES

BIOC UN3300 BIOCHEMISTRY. 3.00 points.

Prerequisites: one year each of Introductory Biology and General Chemistry. Corequisites: Organic Chemistry. Primarily aimed at nontraditional students and undergraduates who have course conflicts with BIOC UN3501.

Prerequisites: one year each of Introductory Biology and General Chemistry. Corequisites: Organic Chemistry.

Biochemistry is the study of the chemical processes within organisms that give rise to the immense complexity of life. This complexity emerges from a highly regulated and coordinated flow of chemical energy from one biomolecule to another.

This course serves to familiarize students with the spectrum of biomolecules (carbohydrates, lipids, amino acids, nucleic acids, etc.) as well as the fundamental chemical processes (glycolysis, citric acid cycle, fatty acid metabolism, etc.) that allow life to happen. In particular, this course will employ active learning techniques and critical thinking problem-solving to engage students in answering the question: how is the complexity of life possible? NOTE: While Organic Chemistry is listed as a corequisite, it is highly recommended that you take Organic Chemistry beforehand

Spring 2023: BIOC UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/14163	T 7:00pm - 9:30pm 428 Pupin Laboratories	Danny Ho	3.00	51/80

BIOC UN3501 Biochemistry: Structure and Metabolism. 4 points.

Prerequisites: one year of BIOL UN2005 and BIOL UN2006 and one year of organic chemistry.

Lecture and recitation. Students wishing to cover the full range of modern biochemistry should take both *BIOC UN3501* and *BIOC UN3512*. *UN3501* covers subject matters in modern biochemistry, including chemical biology and structural biology, discussing the structure and function of both proteins and small molecules in biological systems. Proteins are the primary class of biological macromolecules and serve to carry out most cellular functions. Small organic molecules function in energy production and creating building blocks for the components of cells and can also be used to perturb the functions of proteins directly. The first half of the course covers protein structure, enzyme kinetics and enzyme mechanism. The second half of the course explores how small molecules are used endogenously by living systems in metabolic and catabolic pathways; this part of the course focuses on mechanistic organic chemistry involved in metabolic pathways.

BIOC UN3511 BIOCHEM I-STRUCT/METABOLISM-REC. 0.00 points.

BIOC UN3512 Molecular Biology. 3 points.

Prerequisites: one year of biology. Recommended but not required: BIOC UN3501.

This is a lecture course designed for advanced undergraduates and graduate students. The focus is on understanding at the molecular level how genetic information is stored within the cell and how it is regulated. Topics covered include genome organization, DNA replication, transcription, RNA processing, and translation. This course will also emphasize the critical analysis of the scientific literature and help students understand how to identify important biological problems and how to address them experimentally. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment

Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOC GU4323 Biophysical Chemistry I. 4 points.

This course provides a rigorous introduction to the theory underlying widely used biophysical methods, which will be illustrated by practical applications to contemporary biomedical research problems. The course has two equally important goals. The first goal is to explicate the fundamental approaches used by physical chemists to understand the behavior of molecules and to develop related analytical tools. The second goal is to prepare students to apply these methods themselves to their own research projects. The course will be divided into seven modules: (i) solution thermodynamics; (ii) hydrodynamic methods; (iii) statistical analysis of experimental data; (iv) basic quantum mechanics; (v) optical spectroscopy with an emphasis on fluorescence; (vi) nuclear magnetic resonance spectroscopy; and (vii) light-scattering and diffraction methods.

The first three modules will be covered during the fall term. In each module, the underlying physical theories and models will be presented and used to derive the mathematical equations applied to the analysis of experimental data. Weekly recitations will emphasize the analysis of real experimental data and understanding the applications of biophysical experimentation in published research papers.

BIOC GU4324 Biophysical Chemistry II. 4 points.

This course provides a rigorous introduction to the theory underlying widely used biophysical methods, which will be illustrated by practical applications to contemporary biomedical research problems. The course has two equally important goals. The first goal is to explicate the fundamental approaches used by physical chemists to understand the behavior of molecules and to develop related analytical tools. The second goal is to prepare students to apply these methods themselves to their own research projects. The course will be divided into seven modules: (i) solution thermodynamics; (ii) hydrodynamic methods; (iii) statistical analysis of experimental data; (iv) basic quantum mechanics; (v) optical spectroscopy with an emphasis on fluorescence; (vi) nuclear magnetic resonance spectroscopy; and (vii) light-scattering and diffraction methods. In each module, the underlying physical theories and models will be presented and used to derive the mathematical equations applied to the analysis of experimental data. Weekly recitations will emphasize the analysis of real experimental data and understanding the applications of biophysical experimentation in published research papers.

BIOC GU4501 BIOCHEM I-STRUCTURE/METABOLISM. 4.00 points.

Undergraduates should register for *BIOC UN3501*.

Prerequisites: BIOL UN2005 and BIOL UN2006 and CHEM UN2443 and CHEM UN2444 one year of intro biology and one year of organic chemistry.

In this course, we will study the chemistry of living systems. We will discuss how living systems convert environmental resources into energy, and how they use this energy and these materials to build the molecules required for the diverse functions of life. Finally, we will discuss the applications of such biochemical knowledge to mechanisms of disease and to drug discovery. At a high level, we expect that at the conclusion of the course, you should be able to explain the basic mechanisms by which living systems harness energy from their environment, how living systems construct the molecules necessary for the functions of life, how these processes go awry in a variety of disease, including cancer, and how drugs can be discovered to treat such diseases. Using this knowledge, you will be able to diagram the major metabolic pathways and compare how these pathways are dysregulated in normal tissues in and disease states. In addition, you will learn which techniques are used to uncover this knowledge and how to design and interpret experiments that will address these questions. You will also collaborate with other students in the analysis and interpretation of biochemical data, and be able to communicate, defend and refute interpretations of data. In this course, we assume familiarity with basic concepts of modern biology, so having completed one year of college-level biology is required. In addition, we explore the reaction mechanisms governing a variety of transformations in metabolism. You must have completed one year of organic chemistry prior to taking this course.

Fall 2022: BIOC GU4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 4501	001/10360	T Th 2:40pm - 3:55pm 303 Uris Hall	Brent Stockwell, Hengrui Liu	4.00	63/64

BIOC GU4512 MOLECULAR BIOLOGY. 3.00 points.

Prerequisites: one year of biology. Recommended but not required: BIOC UN3501

Prerequisites: one year of biology. This is a lecture course designed for advanced undergraduates and graduate students. The focus is on understanding at the molecular level how genetic information is stored within the cell and how it is regulated. Topics covered include genome organization, DNA replication, transcription, RNA processing, and translation. This course will also emphasize the critical analysis of the scientific literature and help students understand how to identify important biological problems and how to address them experimentally. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2023: BIOC GU4512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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BIOC 4512	001/14195	M W 2:40pm - 3:55pm 141 Uris Hall	James Manley, Alice Hecklen	3.00	51/60
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BIOL UN1002 Theory and Practice of Science: Biology. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: either BIOL UN1015 or AP biology, or the instructor's permission.

Lecture and recitation. By analysis and example from the primary literature of evolution and genetics, examines how scientific theories are invented and how they come to be accepted, verified, and in some cases rejected. Papers begin with Darwin and Mendel and end with Watson. Ordinarily does not fulfill biology major or concentration requirements. Normally may not be taken for credit by any student who has previously completed any biology course numbered 2000 or above. BIOL UN1015 should be taken first then BIOL UN1002 for nonscience majors.

BIOL UN1004 Foundations of Biology. 2.00 points.

In this course, we will introduce basic terminology, important concepts, and basic problem-solving skills in order to prepare biology and pre-health students for the challenging Biology courses they will take at Columbia. We will do a deep dive into a small number of topics and use these as access points to teaching skills that will aid students in future STEM courses. Classes will include time for problem solving. Recitations will involve problem solving and student presentations of solutions to problems

Spring 2023: BIOL UN1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1004	001/14136	M W 4:10pm - 5:25pm 601 Fairchild Life Sciences Bldg	Mary Ann Price	2.00	31/60

BIOL UN1130 GENES AND DEVELOPMENT. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of high school or college biology.

Prerequisites: one year of high school or college biology. This course covers selected topics in genetics and developmental biology, with special emphasis on issues that are relevant to contemporary society. Lectures and readings will cover the basic principles of genetics, how genes are expressed and regulated, the role of genes in normal development, and how alterations in genes lead to abnormal development and disease. We will also examine how genes can be manipulated in the laboratory, and look at the contributions of these manipulations to basic science and medicine, as well as some practical applications of these technologies. Interspersed student-run workshops will allow students to research and discuss the ethical and societal impacts of specific topics (e.g. in vitro fertilization, uses and misuses of genetic information, genetically modified organisms, steroid use, and cloning). SCE and TC students may register for this course, but they must first

obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2023: BIOL UN1130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1130	001/14137	T Th 2:40pm - 3:55pm 331 Uris Hall	Tulle Hazelrigg	3.00	24/25
BIOL 1130	AU1/18822	T Th 2:40pm - 3:55pm Othr Other	Tulle Hazelrigg	3.00	3/2

BIOL UN1360 Science and Society. 3.00 points.

This course, which has been given at another institution for the past five years, uses a seminar discussion format to examine the relationship between science and society from numerous perspectives, using examples from many fields of science, mostly biology and medicine, including the Covid-19 pandemic. We welcome undergraduates from all classes who are concentrating in any field of sciences, humanities, or the arts; there are no prerequisites, other than an interest in how the scientific enterprise works. The course addresses a wide array of topics: why do people choose a scientific career; why do governments and other funders support scientific work; how does science fail; why is there widespread skepticism about science; how is it represented in the arts; how are results disseminated, evaluated, and legally protected; and many other subjects. Assignments-- mainly short articles (from newspapers and journals) and book chapters, but also a few films and novels --will be provided for each class, and every student will undertake a term project of their own choosing, after consultations with the instructor

Fall 2022: BIOL UN1360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1360	001/15046	W 4:10pm - 6:40pm 1000 Fairchild Life Sciences Bldg	Harold Varmus	3.00	19/20

BIOL UN1440 DNA Diversity and You. 3.00 points.

This seminar focuses on the biochemistry, biology, and sociology of DNA and its use and potential for misuse. Even before the discovery of the human genome, the DNA that is the lattice of each human being has been thought to be static and determinative. More recently, with advances in sequencing that DNA, the emerging picture is much more complex. Even so, deeply held beliefs about being solely "my DNA" have persisted affecting our entire species. Students in this seminar are expected to critically discuss and examine the ethical and societal impacts of several topics related to DNA (e.g., artificial reproductive techniques, eugenics, bodily autonomy, definitions and treatment of diseases, neuroscience, epigenetics and the microbiome), as well as the underlying biology and biochemistry of DNA. Human identity and its relationship to DNA is examined using an interdisciplinary framework

of perspectives, including those originating from biology, genetics, medicine, public health, psychiatry, religion, and the law. Students are expected to draw from their own experiences as an individual in reflection through the readings to complete the written coursework and participate each week in class discussion. This seminar also allows for expression in other modalities (e.g., visual or aural), in a two-part final class project consisting of a media component in addition to a final written assignment

BIOL UN1908 First Year Seminar in Biology. 1.00 point.

If you are interested in doing biology-related research at Columbia University this is the course for you. Each week a different Columbia University professor's discusses their biology-related research giving you an idea of what kind of research is happening at Columbia. Come ask questions and find out how the body works, the latest therapies for disease and maybe even find a lab to do research in. <http://www.columbia.edu/cu/biology/courses/UN1908/index.html>

Fall 2022: BIOL UN1908

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1908	001/13033	Th 3:00pm - 3:55pm 601 Fairchild Life Sciences Bldg	Alice Heicklen	1.00	55/60

BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC. 4.00 points.

Prerequisites: one year of college chemistry, or a strong high school chemistry background.

Prerequisites: one year of college chemistry is required. Lecture and recitation. Recommended as the introductory biology course for biology and related majors, and for premedical students. Fundamental principles of biochemistry, molecular biology, and genetics. Website: <http://www.columbia.edu/cu/biology/courses/c2005/index.html>. SPS, Barnard, and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. [registrar. http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf](http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf)

Fall 2022: BIOL UN2005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2005	001/10760	T Th 10:10am - 11:25am 417 International Affairs Bldg	Michelle Attner, Marko Jovanovic	4.00	172/400
BIOL 2005	002/10762	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	Michelle Attner, Marko Jovanovic	4.00	95/400

BIOL UN2006 INTRO BIO II: CELL BIO, DEV/PHYS. 4.00 points.

Prerequisites: EEEB UN2001 or BIOL UN2005, or the instructor's permission.

Prerequisites: EEEB UN2001 or BIOL UN2005, or the instructors permission. Lecture and recitation. Recommended second term of biology for majors in biology and related majors, and for premedical students. Cellular biology and development; physiology of cells and organisms. Website: <http://www.columbia.edu/cu/biology/courses/c2006/> SPS, Barnard, and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf> Students must register for a recitation section BIOL UN2016

Spring 2023: BIOL UN2006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2006	001/14131	T Th 10:10am - 11:25am 417 International Affairs Bldg	Alice Heicklen, Mary Ann Price, Jellert Gaublomme	4.00	150/400
BIOL 2006	002/14132	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	Alice Heicklen, Mary Ann Price, Jellert Gaublomme	4.00	97/200

BIOL UN2015 INTRO BIO I: BIOCHEM,GEN,MOLEC. 0.00 points.

Lecture and recitation. Recommended as the introductory biology course for biology and related majors, and for premedical students. Fundamental principles of biochemistry, molecular biology, and genetics. SPS, Barnard, and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2022: BIOL UN2015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2015	001/10771	M 6:10pm - 8:00pm 601b Fairchild Life Sciences Bldg	Michelle Attner	0.00	19/30
BIOL 2015	002/10772	M 6:10pm - 8:00pm 103 Knox Hall	Michelle Attner	0.00	13/30
BIOL 2015	003/10769	T 8:10am - 10:00am 405 Kent Hall	Michelle Attner	0.00	20/30
BIOL 2015	004/10770	T 12:10pm - 2:00pm 425 Pupin Laboratories	Michelle Attner	0.00	27/30
BIOL 2015	005/10774	T 12:10pm - 2:00pm 800 Fairchild Life Sciences Bldg	Michelle Attner	0.00	26/30
BIOL 2015	006/10775	T 6:10pm - 8:00pm 1000 Fairchild Life Sciences Bldg	Michelle Attner	0.00	19/30

BIOL 2015	007/10777	W 12:10pm - 2:00pm 607 Hamilton Hall	Michelle Attner	0.00	20/30
BIOL 2015	008/10779	W 12:10pm - 2:00pm 507 Philosophy Hall	Michelle Attner	0.00	8/30
BIOL 2015	009/10781	W 2:10pm - 4:00pm 307 Uris Hall	Michelle Attner	0.00	30/30
BIOL 2015	010/10782	W 2:10pm - 4:00pm 703 Hamilton Hall	Michelle Attner	0.00	23/30
BIOL 2015	011/10783	W 4:10pm - 6:00pm 253 Engineering Terrace	Michelle Attner	0.00	28/30
BIOL 2015	013/10785	W 8:10pm - 10:00pm 900 Fairchild Life Sciences Bldg	Michelle Attner	0.00	8/30
BIOL 2015	014/10786	Th 12:10pm - 2:00pm 601c Fairchild Life Sciences Bldg	Michelle Attner	0.00	27/30

BIOL UN2016 INTRO BIO II:CELL BIO,DEV/PHYS. 0.00 points.

Prerequisites: Prerequisites: Course does not fulfill Biology major requirements or premedical requirements. Enrollment in laboratory limited to 16 students per section.

Corequisites: BIOL UN2006

Prerequisites: Prerequisites: Course does not fulfill Biology major requirements or premedical requirements. Enrollment in laboratory limited to 16 students per section. Corequisites: BIOL UN2006 Prerequisites: Course does not fulfill Biology major requirements or premedical requirements. Enrollment in laboratory limited to 16 students per section. Exploration of the major discoveries and ideas that have revolutionized the way we view organisms and understand life. The basic concepts of cell biology, anatomy and physiology, genetics, evolution, and ecology will be traced from seminal discoveries to the modern era. The laboratory will develop these concepts and analyze biological diversity through a combined experimental and observational approach

Spring 2023: BIOL UN2016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2016	001/14138	M 6:10pm - 8:00pm 717 Hamilton Hall		0.00	24/28
BIOL 2016	002/14139	M 6:10pm - 8:00pm 412 Pupin Laboratories		0.00	0/24
BIOL 2016	003/14140	T 8:10am - 10:00am 607 Hamilton Hall	Mary Ann Price	0.00	19/24
BIOL 2016	004/14141	T 12:10pm - 2:00pm 212d Lewisohn Hall	Mary Ann Price	0.00	19/24
BIOL 2016	005/14142	T 12:10pm - 2:00pm 602 Lewisohn Hall		0.00	22/24
BIOL 2016	006/14143	T 6:10pm - 8:00pm 607 Hamilton Hall	Mary Ann Price	0.00	21/24
BIOL 2016	007/14144	W 12:10pm - 2:00pm 311 Fayerweather		0.00	23/24
BIOL 2016	008/14145	W 12:10pm - 2:00pm 329 Uris Hall	Mary Ann Price	0.00	21/24

BIOL 2016 009/14146	W 2:10pm - 4:00pm 703 Hamilton Hall	0.00	18/24
BIOL 2016 010/14148	W 2:10pm - 4:00pm 332 Uris Hall	0.00	14/24
BIOL 2016 011/14149	W 4:10pm - 6:00pm 201a Philosophy Hall	Mary Ann Price 0.00	13/24
BIOL 2016 012/14150	W 4:10pm - 6:00pm 424 Pupin Laboratories	0.00	23/24
BIOL 2016 013/14151	W 8:10pm - 10:00pm 425 Pupin Laboratories	0.00	11/24
BIOL 2016 014/14152	Th 12:10pm - 2:00pm 212d Lewisohn Hall	0.00	19/24

BIOL UN2401 CONTEMPORARY BIOLOGY I. 3.00 points.

Prerequisites: a course in college chemistry or the written permission of either the instructor or the premedical adviser. Prerequisites: one year of college chemistry or the written permission of either the instructor or the premedical adviser is required. Recommended as the introductory biology course for science majors who have completed a year of college chemistry and premedical students. The fundamental principles of biochemistry, molecular biology, and genetics. Website: <http://www.columbia.edu/cu/biology/courses/c2005/index.html>. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2022: BIOL UN2401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2401	001/10763	T Th 10:10am - 11:25am 417 International Affairs Bldg	Michelle Attner, Marko Jovanovic	3.00	54/200
BIOL 2401	002/10764	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	Michelle Attner, Marko Jovanovic	3.00	37/200

BIOL UN2402 CONTMP BIO II:CELL BIO,DEV,PHYS. 3.00 points.

Prerequisites: a course in college chemistry and BIOL UN2005 or BIOL UN2401, or the written permission of either the instructor or the premedical adviser.

Prerequisites: a course in college chemistry and BIOL UN2005 or BIOL UN2401, or the written permission of either the instructor or the premedical adviser. Cellular biology and development; physiology of cells and organisms. Same lectures as BIOL UN2006, but recitation is optional. For a detailed description of the differences between the two courses, see the course web site or <http://www.columbia.edu/cu/biology/ug/advice/faqs/gs.html>. Website: <http://www.columbia.edu/>

[cu/biology/courses/c2006/](http://www.columbia.edu/cu/biology/courses/c2006/), SPS, Barnard, and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2023: BIOL UN2402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2402	001/14133	T Th 10:10am - 11:25am 417 International Affairs Bldg	Alice Hecklen, Mary Ann Price, Jellert Gaublonne	3.00	41/400
BIOL 2402	002/14134	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	Alice Hecklen, Mary Ann Price, Jellert Gaublonne	3.00	31/400

BIOL UN2501 CONTEMPORARY BIOLOGY LAB. 3.00 points.

Enrollment per section limited to 28. Lab Fee: \$150. Fee: Lab Fee - 150.00

Prerequisites: Strongly recommended prerequisite or corequisite: BIOL UN2005 or BIOL UN2401. Prerequisites: Strongly recommended prerequisite or corequisite: BIOL UN2005 or BIOL UN2401. Experiments focus on genetics and molecular biology, with an emphasis on data analysis and experimental techniques. The class also includes a study of mammalian anatomy and histology. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2022: BIOL UN2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2501	001/13222	M 1:10pm - 5:00pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	23/28
BIOL 2501	002/13224	T 1:10pm - 5:00pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	27/28
BIOL 2501	003/13226	W 1:10pm - 5:00pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	23/28
BIOL 2501	004/13228	Th 6:40pm - 10:30pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	18/28
BIOL 2501	005/13230	F 1:10pm - 5:00pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	19/28

Spring 2023: BIOL UN2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2501	001/14153	M 1:10pm - 5:00pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	21/28
BIOL 2501	002/14154	T 1:10pm - 5:00pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	22/28
BIOL 2501	003/14155	W 1:10pm - 5:00pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	0/28
BIOL 2501	004/14156	Th 5:40pm - 9:30pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	11/28
BIOL 2501	005/14157	F 1:10pm - 5:00pm 922 Schermerhorn Hall	Joshua Abrams, Ava Brent	3.00	15/28

BIOL UN2502 Foundations for Lab Biology. 3.00 points.

Due to COVID-19 related restrictions on in-person laboratory work, this course acts as a replacement for BIOL UN2501. This course will act as a virtual introduction to the practice of contemporary biology, with an emphasis on common laboratory methods, online tools, statistical analysis, styles of scientific reasoning, and science communication. Students will be expected to watch a weekly lecture, either in-person or via recording. Lab activities are designed to be highly interactive and collaborative to reflect the realities of biological research. Small groups of students will work together on in-class activities, as well as on a long-term student-designed biological research project

BIOL UN2700 Past and future of the human genome. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

We can now determine the genetic makeup of any person in a matter of days and at a cost already within reach for many millions of people. For the past few years a movement has emerged to provide detailed genetic information directly to ordinary people, in some cases with the explicit aim of helping prospective parents to “eliminate preventable genetic disease” or, as one newspaper put it, to promote “genetically flawless babies.”

But our technical capacity to both interrogate and manipulate the human genome has raced far ahead of serious consideration of the societal implications of doing so. This course will provide students with the background necessary to understand what has and will be done with the human genome and ultimately to help society formulate appropriate policies for wise stewardship of the human genome.

To help illustrate the information available in the human genome and how it may influence individuals' lives, the instructors' will share and discuss their own and other public genomes in ways both molecular and personal.

BIOL UN3004 NEUROBIO I: CELLULAR & MOLECULAR. 4.00 points.

Prerequisites: one year of biology; a course in physics is highly recommended. Lecture and recitation. This is an advanced course intended for majors providing an in depth survey of the cellular and molecular aspects of nerve cell function. Topics include: the cell biology and biochemistry of neurons, ionic and molecular basis of electrical signals, synaptic transmission and its modulation, function of sensory receptors. Although not required, it is intended to be followed by Neurobiology II (see below). The recitation meets once per week in smaller groups and emphasizes readings from the primary literature

Fall 2022: BIOL UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3004	001/10367	T Th 10:10am - 11:25am 106 Jerome L Greene Hall	Stuart Firestein	4.00	147/150

BIOL UN3005 NEUROBIO II: DEVPT & SYSTEMS. 4.00 points.

Prerequisites: BIOL UN3004, one year of biology, or the instructor's permission.

Prerequisites: BIOL UN3004, one year of biology, or the instructors permission. This course is the capstone course for the Neurobiology and Behavior undergraduate major at Columbia University and will be taught by the faculty of the Kavli Institute of Brain Science: <http://www.kavli.columbia.edu/> Science: <http://www.kavli.columbia.edu/>. It is designed for advanced undergraduate and graduate students. Knowledge of Cellular Neuroscience (how an action potential is generated and how a synapse works) will be assumed. It is strongly recommended that students take BIOL UN3004 Neurobiology I: Molecular and Cellular Neuroscience, or a similar course, before enrolling in BIOL UN3005. Students unsure about their backgrounds should check a representative syllabus of BIOL UN3004 on the BIOL UN3004 website (<http://www.columbia.edu/cu/biology/courses/w3004/>). Website for BIOL UN3005: <http://www.columbia.edu/cu/biology/courses/w3005/index.html>

Spring 2023: BIOL UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3005	001/14135	T Th 10:10am - 11:25am 501 Northwest Corner	Darcy Kelley	4.00	136/150

BIOL UN3006 PHYSIOLOGY. 3.00 points.

Prerequisites: (BIOL UN2005 and BIOL UN2006) or (BIOL UN2401 and BIOL UN2402) or the instructor's permission.

Major physiological systems of vertebrates (circulatory, digestive, hormonal, etc.) with emphasis on cellular and molecular mechanisms and regulation. Readings include research articles from the scientific literature. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form

can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar.
<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2022: BIOL UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3006	001/10758	T Th 11:40am - 12:55pm 601 Fairchild Life Sciences Bldg	Mary Ann Price	3.00	44/70

BIOL UN3008 The Cellular Physiology of Disease. 3 points.

Prerequisites: one 3000-level course in Cell Biology or Biochemistry, or the instructor's permission.

This course will present a quantitative description of the cellular physiology of excitable cells (mostly nerve and muscle). While the course will focus on examining basic mechanisms in cell physiology, there will be a thread of discussion of disease mechanisms throughout. The end of each lecture will include a discussion of the molecular mechanisms of selected diseases that relate to the topics covered in the lecture. The course will consist of two lectures per week. This course will be of interest to advanced (3000-4000 level) undergraduates that aim to pursue careers in medicine as well as those that will pursue careers in biomedical research. This course will also be of interest to graduate students desiring an introduction to the cellular physiology of nerve and muscle.

BIOL UN3014 Neurobiology I Recitation. 0.00 points.

Discussion/recitation section for BIOL UN3004 Neurobiology I

Fall 2022: BIOL UN3014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3014	001/10481	M 5:45pm - 7:00pm 317 Hamilton Hall	Stuart Firestein	0.00	29/30
BIOL 3014	002/10482	T 5:45pm - 7:00pm 800 Fairchild Life Sciences Bldg	Stuart Firestein	0.00	24/30
BIOL 3014	003/10483	T 5:45pm - 7:00pm 900 Fairchild Life Sciences Bldg	Stuart Firestein, Ishmail Abdus-Saboor	0.00	18/30
BIOL 3014	004/10484	W 1:00pm - 2:15pm 307 Pupin Laboratories	Stuart Firestein	0.00	27/30
BIOL 3014	005/10485	W 4:10pm - 5:25pm 317 Hamilton Hall	Stuart Firestein	0.00	26/30
BIOL 3014	006/10486	W 6:30pm - 7:45pm 253 Engineering Terrace	Stuart Firestein	0.00	21/30
BIOL 3014	007/20456	W 4:10pm - 5:25pm 601c Fairchild Life Sciences Bldg	Stuart Firestein	0.00	6/30

BIOL UN3015 Neurobiology II Recitation. 0.00 points.

Discussion/recitation section for BIOL UN3005 Neurobiology II

Spring 2023: BIOL UN3015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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BIOL 3015	001/18630	M 6:00pm - 7:15pm 1000 Fairchild Life Sciences Bldg	Abhishek Shah	0.00	24/25
BIOL 3015	002/18631	T 5:00pm - 6:15pm 1000 Fairchild Life Sciences Bldg	Claire Everett	0.00	26/25
BIOL 3015	003/18632	T 6:00pm - 7:15pm 800 Fairchild Life Sciences Bldg	Bovey Rao	0.00	23/25
BIOL 3015	004/18633	W 5:30pm - 6:45pm 900 Fairchild Life Sciences Bldg	Jessica Burke	0.00	17/25
BIOL 3015	005/18634	W 6:00pm - 7:15pm 1000 Fairchild Life Sciences Bldg	Michaela Pauers	0.00	24/25
BIOL 3015	006/18635	Th 1:00pm - 2:15pm 1000 Fairchild Life Sciences Bldg	Elias Gumnit	0.00	23/25

BIOL UN3019 Brain Evolution. 3.00 points.

If an engineer were to build “the brain”, they would not be able to reproduce any of the brains that exist on Earth. Our brains were not designed to be perfect, but are a result of millions of years of evolution and adaptation. The goal of this course is to provide an overview of brain evolution, ranging from the evolution of the first neurons to the origin of the human brain. Specifically, the course will focus on recent insights emerging from studies of development, gene expression, and neural circuit architecture. The evolutionary perspective on commonly used terms, such as “neuron” and “brain”, and general principles of brain organization and function emerging from comparative studies will be discussed

Spring 2023: BIOL UN3019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3019	001/14159	F 10:10am - 12:00pm 607 Hamilton Hall	Maria Tosches	3.00	11/24

BIOL UN3022 DEVELOPMENTAL BIOLOGY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: BIOL UN2005 and BIOL UN2006 or equivalent. Prerequisites: BIOL UN2005 and BIOL UN2006 or equivalent. Come discover how the union of egg and sperm triggers the complex cellular interactions that specify the diverse variety of cells present in multicellular organisms. Cellular and molecular aspects of sex determination, gametogenesis, genomic imprinting, X-chromosome inactivation, telomerase as the biological clock, stem cells, cloning, the pill and cell interactions will be explored, with an emphasis on humans. Original research articles will be discussed to further examine current research in developmental biology. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar.
<http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2022: BIOL UN3022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3022	001/13035	T Th 1:10pm - 2:25pm 601 Fairchild Life Sciences Bldg	Alice Heicklen	3.00	32/70

BIOL UN3025 NEUROGENETICS. 3.00 points.

Prerequisites: (BIOL UN2005 and BIOL UN2006)

Prerequisites: (BIOL UN2005 and BIOL UN2006) This course provides an introduction to Neurogenetics, which studies the role of genetics in the development and function of the nervous system (<https://en.wikipedia.org/wiki/Neurogenetics>). The course will be focused on teaching classic and contemporary concepts in genetics and neuroscience, rather than cataloguing mere facts. The course will emphasize the discovery processes, historical figures involved in these processes and methodologies of discovery. Primary research papers will be discussed in detail. A central organizational theme of the course is the presence of a common thread and narrative throughout the course. The common thread is an invertebrate model system, the roundworm *Caenorhabditis elegans*, which serves as a paradigm to show how simple genetic model systems have informed our view on the genetics of nervous system development and function. The ultimate goal of this course is to gain an understanding of the underlying principles of how the nervous system of one specific animal species forms, from beginning to end. The course is intended for neuroscience-inclined students (e.g. neuroscience majors) who want to learn about how genetic approaches have informed our understanding of brain development and function and, vice versa, for students with an interest in molecular biology and genetics, who want to learn about key problems in neuroscience and how genetic approaches can address them

Fall 2022: BIOL UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3025	001/10361	M W 8:40am - 9:55am 601 Fairchild Life Sciences Bldg	Oliver Hobert	3.00	22/40

BIOL UN3031 GENETICS. 3.00 points.

Students may receive credit for *BIOL W3031* or *BIOL C3032*, but not both due to overlap in course content.

Prerequisites: BIOL UN2005 and BIOL UN2006 or the equivalent.

Prerequisites: BIOL UN2005 and BIOL UN2006. General genetics course focused on basic principles of transmission genetics and the application of genetic approaches to the study of biological function. Principles will be illustrated using classical and contemporary examples from prokaryote and eukaryote organisms, and the experimental discoveries at their foundation will be featured. Applications will include genetic approaches to studying animal development and human diseases. SPS and TC students must obtain the written permission from the instructor, by filling out a

Registration Adjustment Form (Add/Drop form). <https://www.registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2023: BIOL UN3031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3031	001/14160	T Th 10:10am - 11:25am 601 Fairchild Life Sciences Bldg	Iva Greenwald, Michelle Attner	3.00	40/72

BIOL UN3034 Biotechnology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

For upper-level undergraduates.

Prerequisites: genetics or molecular biology.

The course covers techniques currently used to explore and manipulate gene function and their applications in medicine and the environment. Part I covers key laboratory manipulations, including DNA cloning, gene characterization, association of genes with disease, and methods for studying gene regulation and activities of gene products. Part II also covers commercial applications, and includes animal cell culture, production of recombinant proteins, novel diagnostics, high throughput screening, and environmental biosensors. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL UN3040 LAB IN MOLECULAR BIOLOGY. 3.00 points.

Enrollment limited to 12. Lab fee: \$150.

Prerequisites: one year of biology (BIOL UN2005 and BIOL UN2006) and Contemporary Biology Laboratory (BIOL UN2501).

Prerequisites: one year of biology (BIOL UN2005 and BIOL UN2006) and Contemporary Biology Laboratory (BIOL UN2501). Prerequisites: one year of biology (UN2005-UN2006) and Contemporary Biology Laboratory (UN2501). This lab will explore various molecular biology techniques frequently utilized in modern molecular biology laboratories. The lab will consist of four modules: 1) Molecular verification of genetically modified organisms (GMOs); 2) Site-directed mutagenesis; 3) gDNA extraction, PCR amplification, sequencing and GenBank analysis of the COI genes from diverse fish species and 4) protein gel analysis of fish muscle components. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at: <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL UN3041 CELL BIOLOGY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of biology, normally BIOL UN2005-BIOL UN2006, or the equivalent.

Prerequisites: one year of biology, normally BIOL UN2005-BIOL UN2006, or the equivalent. Cell Biology 3041/4041 is an upper-division course that covers in depth all organelles of cells, how they make up tissues, secrete substances important for the organism, generate and adapt to their working environment in the body, move throughout development, and signal to each other. Because these topics were introduced in the Intro Course (taught by Mowshowitz and Chasin), this course or its equivalent is a pre-requisite for W3041/4041. Students for whom this course is useful include biology, biochem or biomedical engineering majors, those preparing to apply for medical school or graduate school, and those doing or planning to start doing research in a biology or biomedical lab. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2022: BIOL UN3041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3041	001/13223	M W 10:10am - 11:25am 601 Fairchild Life Sciences Bldg	Erin Barnhart	3.00	30/40

BIOL UN3050 Project Laboratory In Protein Biochemistry. 5 points.

Prerequisites: one year of biology (UN2005- UN2006) plus one upper-level course recommended. Enrollment is not restricted as long as total is no more than 14. Seniors will be given preference in the unlikely event that restriction is necessary. Students with specific questions should e-mail the instructor (jfh21@columbia.edu).

This course provides an intensive introduction to professional biomedical laboratory research. Students conduct a portion of an ongoing biochemical research project and write-up their results in a format suitable for publication in a peer-reviewed scientific research journal. Techniques in molecular biology and protein biochemistry are used to address a problem in mechanistic biochemistry or molecular pharmacology. Students are exposed to the full spectrum of techniques used in contemporary protein biochemistry, including molecular sequence analysis of genomic databases, molecular cloning and manipulation of recombinant DNA, protein expression in *E. coli*, protein purification, and biophysical characterization (typically including crystallization for x-ray structure determination). The course emphasizes the use of critical thinking skills in scientific research while giving students the opportunity to apply the basic knowledge learned in a wide variety of biology and chemistry lecture courses to a real

research project. Examples of past projects can be found on the course website: <https://www1.columbia.edu/sec/cu/biology/courses/w3050/class/index.html> (cunix account required to login).

BIOL UN3052 PROJECT LAB-MOLECULAR GENETICS. 5.00 points.

Enrollment limited to approximately 12. Fee: \$150.

Prerequisites: one year of introductory biology and the instructor's permission.

Multicellular animals contain a diverse array of cell types, yet start from a single cell. How do cells decide what kind of cell to be? In this lab course, we will use the tools of molecular biology and genetics to explore this fascinating question. We will use the nematode *Caenorhabditis elegans*, a powerful model organism used in hundreds of research labs. The course will be divided into three modules: C. elegans genetics, molecular cloning, and genetic screening. Laboratory techniques will include PCR, gel electrophoresis, restriction digest, ligation, transformation, RNAi, and C. elegans maintenance. Students will pursue original projects; emphasis will be placed on scientific thinking and scientific communication. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). Prerequisites: UN2005/UN2401 and UN2006/UN2402, or the equivalent at a different institution

Spring 2023: BIOL UN3052

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3052	001/14161	M W 1:10pm - 5:00pm 743 Seeley W. Mudd Building	Michelle Attner	5.00	6/12

BIOL UN3058 PROJECT LAB IN MICROBIOLOGY. 5.00 points.

Lab fee: \$150.

Prerequisites: one year of Intro Bio. An introductory biology or chemistry lab is recommended.

Prerequisites: one year of Intro Bio. An introductory biology or chemistry lab is recommended. Bacteria are not just unicellular germs. This lab course will broaden your awareness of the amazing world of microbiology and the diverse capabilities of microbes. The focus will be on bacterial multicellularity, pigment production, and intercellular signaling. Pigment-producing bacteria will be isolated from the wild (i.e. Morningside Campus or your skin), and characterized using standard genetic tools (PCR, DNA gel electrophoresis, transformation, screen) and microbiology techniques (isolation of bacteria and growth of bacterial colonies, media preparation, enrichment techniques for pigments). These techniques will also be applied in the study of bacterial multicellularity and signaling in the standard lab strain *Pseudomonas aeruginosa*. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop

form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2023: BIOL UN3058

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3058	001/14162	T Th 1:10pm - 5:00pm 601c Fairchild Life Sciences Bldg	Lars Dietrich	5.00	14/12

BIOL UN3073 CELLULAR/MOLECULAR IMMUNOLOGY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as *UN2005* and *UN2006*), or the instructor's permission.

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as *UN2005* and *UN2006*), or the instructors permission. This course will cover the basic concepts underlying the mechanisms of innate and adaptive immunity, as well as key experimental methods currently used in the field. To keep it real, the course will include clinical correlates in such areas as infectious diseases, autoimmune diseases, cancer immunotherapy and transplantation. Taking this course wont turn you into an immunologist, but it may make you want to become one, as was the case for several students last year. After taking the course, you should be able to read the literature intelligently in this rapidly advancing field. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2022: BIOL UN3073

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3073	001/10365	M W 2:40pm - 3:55pm 402 Chandler	Christian Schindler	3.00	27/120
BIOL 3073	AU1/17031	M W 2:40pm - 3:55pm 402 Chandler	Christian Schindler	3.00	2/3

BIOL UN3190 STEM CELLS: BIOL,ETHICS,APPLIC. 3.00 points.

BIOL UN3193 STEM CELL BIOL # APPLICATIONS. 3.00 points.

Prerequisites: three semesters of Biology or the instructor's permission.

Prerequisites: three semesters of Biology or the instructors permission. The course examines current knowledge and potential medical applications of pluripotent stem cells (embryonic stem cells and induced pluripotent stem cells), direct conversions between cell types and adult, tissue-specific

stem cells (concentrating mainly on hematopoietic and gut stem cells as leading paradigms). A basic lecture format will be supplemented by presentations and discussions of research papers. Recent reviews and research papers, together with extensive instructor notes, will be used in place of a textbook. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2023: BIOL UN3193

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3193	001/17345	T Th 4:10pm - 5:25pm 601b Fairchild Life Sciences Bldg	Daniel Kalderon	3.00	5/25

BIOL UN3208 Introduction to Evolutionary Biology. 3 points.

Prerequisites: recommended preparation: an introductory course in college biology.

Introduction to principles of general evolutionary theory, both nomological and historical; causes and processes of evolution; phylogenetic evolution; species concept and speciation; adaptation and macroevolution; concepts of phylogeny and classification.

BIOL UN3300 Biochemistry. 3.00 points.

Prerequisites: 1st semester of Introductory Biology, 1 year General Chemistry, and 1st semester Organic Chemistry. Biochemistry is the study of the chemical processes within organisms that give rise to the immense complexity of life. This complexity emerges from a highly regulated and coordinated flow of chemical energy from one biomolecule to another. This course serves to familiarize students with the spectrum of biomolecules (carbohydrates, lipids, amino acids, nucleic acids, etc.) as well as the fundamental chemical processes (glycolysis, citric acid cycle, fatty acid metabolism, etc.) that allow life to happen. In particular, this course will employ active learning techniques and critical thinking problem-solving to engage students in answering the question: how is the complexity of life possible? NOTE: While only 1 semester of Organic Chemistry is listed as a pre-requisite, it is highly recommended that you take all of Organic Chemistry beforehand

BIOL UN3310 Virology. 3 points.

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as *BIOL UN2005*), or the instructor's permission.

The course will emphasize the common reactions that must be completed by all viruses for successful reproduction within a host cell and survival and spread within a host population. The molecular basis of alternative reproductive cycles, the interactions of viruses with host organisms, and how these lead

to disease are presented with examples drawn from a set of representative animal and human viruses.

BIOL UN3320 Regulation of Behaviors for Survival. 4.00 points.

To maximize their survival animals must regulate their behavior in response to external environmental cues and their own internal state. A fundamental goal of neuroscience is to understand how neural circuits in the brain function to influence behavior. The aim of this course is to highlight the neural basis of neuropeptide regulation of innate behaviors that are critical for survival and discuss modern approaches to study the neuronal control of classically studied aspects of behavior. We will explore motor control (escape responses), sensory systems (vision, taste, and olfaction), and survival behaviors (feeding, drinking, mating, and aggression). Focus will be on recent and current research, the diversity of approaches for studying it, and how this knowledge can be applied to solve scientific questions. Students will read primary scientific literature and a significant portion of the course will be presentation and discussion-based

Fall 2022: BIOL UN3320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3320	001/10364	W 10:10am - 12:00pm 222 Pupin Laboratories	Laura Duvall	4.00	17/15

BIOL UN3387 BIOLOGY TEST. 3 points.
ABCDE

BIOL UN3404 The Global Threat of Antimicrobial Resistance. 3.00 points.

Prerequisites: (biol un2005 and biol un2006) or (biol un2401 and biol un2402)

Antimicrobial resistant bacterial infections were estimated to account for 1.27 million deaths worldwide in 2019. The goal of the seminar is to provide an in-depth analysis of this ongoing threat. Discussions will include the molecular mechanisms, epidemiology of transmission and the consequences of antimicrobial resistant infections. It will also cover current efforts to reduce the spread and emergence of these difficult to treat pathogens, both in the community and the healthcare setting

Fall 2022: BIOL UN3404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3404	001/10369	T 12:10pm - 2:00pm 409 International Affairs Bldg	Franklin Lowy	3.00	20/20
BIOL 3404	AU1/17029	T 12:10pm - 2:00pm 507 Philosophy Hall	Franklin Lowy	3.00	2/2

BIOL UN3500 INDEP BIOLOGICAL RESEARCH. 2.00-4.00 points.

Fee: \$150. Students must register for a recitation section, *BIOL W3510*.

Fee: Lab Fee - 150

Prerequisites: Concurrent with registering for this course, a student must register with the department and provide a written invitation from a mentor; details of this procedure are available at <http://www.columbia.edu/cu/biology/courses/w3500/index.htm>. Students must register for recitations UN3510 or consult the instructor.

Corequisites: BIOL UN3510

Prerequisites: Concurrent with registering for this course, a student must register with the department and provide a written invitation from a mentor; details of this procedure are available at <http://www.columbia.edu/cu/biology/courses/w3500/index.htm>. Students must register for recitations UN3510 or consult the instructor. Corequisites: BIOL UN3510 The course involves independent study, faculty-supervised laboratory projects in contemporary biology. Concurrent with registering for this course, a student must register with the department, provide a written invitation from a mentor and submit a research proposal; details of this procedure are available at <http://www.columbia.edu/cu/biology/courses/w3500/index.htm>. A paper summarizing results of the work is required by the last day of finals for a letter grade; no late papers will be accepted. See the course web site (above) for more details. Students can take anywhere from 2-4 points for this course

Fall 2022: BIOL UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3500	001/10695		Ron Prywes	2.00-4.00	68/75

Spring 2023: BIOL UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3500	001/14164		Ron Prywes	2.00-4.00	0/70

BIOL UN3510 INDEP BIOLOGICAL RESEARCH - REC. 0.00 points.

Fall 2022: BIOL UN3510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3510	001/10696	T 5:40pm - 6:30pm 627 Seeley W. Mudd Building	Ron Prywes	0.00	30/75
BIOL 3510	002/10697	W 5:40pm - 6:30pm 627 Seeley W. Mudd Building	Ron Prywes	0.00	30/75

Spring 2023: BIOL UN3510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3510	001/14181	W 5:40pm - 6:30pm 800 Fairchild Life Sciences Bldg	Ron Prywes	0.00	29/40
BIOL 3510	002/14182	Th 5:40pm - 6:30pm 800 Fairchild Life Sciences Bldg	Ron Prywes	0.00	34/40

BIOL UN3560 EVOL IN THE AGE OF GENOMICS. 4.00 points.

Prerequisites: Introductory Biology I and II, or the instructors permission.

Prerequisites: Introductory Biology I and II, or the instructors permission. This course introduces basic concepts in evolutionary biology, from speciation to natural selection.

While the lectures incorporate a historical perspective, the main goal of the class is to familiarize students with topics and tools of evolutionary genetics as practiced today, in the era of genomics. Thus, the focus will be on evidence from molecular evolution and genetics and exercises will assume a basic background in genetics. Examples will be drawn from across the tree of life, but with a primary focus on humans

BIOL UN3700 INDEPENDENT CLINICAL RESEARCH. 2.00-4.00 points.

Prerequisites: concurrent with registering for this course, a student must register with the department, provide a written invitation from a mentor, and submit a research proposal. Prerequisites: concurrent with registering for this course, a student must register with the department, provide a written invitation from a mentor, and submit a research proposal. BIOL 3700 will provide an opportunity for students interested in independent research work in a hospital or hospice setting. In these settings, where patients and their needs are paramount, and where IRB rules and basic medical ethics make “wet-lab biology research” inappropriate, undergraduates may well find a way nevertheless, to assist and participate in ongoing clinical research. Such students, once they have identified a mentor willing to provide support, participation, and advising, may apply to the faculty member in charge of the course for 2-4 points/semester in BIOL W3700. This course will closely follow procedures already in place for BIOL 3500, but will ask potential mentors to provide evidence that students will gain hands-on experience in a clinical setting, while participating in a hospital- or hospice-based research agenda. A paper summarizing results of the work is required by the last day of finals for a letter grade; no late papers will be accepted

BIOL UN3799 MOLECULAR BIOLOGY OF CANCER. 3.00 points.

Prerequisites: three terms of biology (genetics and cell biology recommended). Prerequisites: three terms of biology (genetics and cell biology recommended). Cancer is one of the most dreaded common diseases. Yet it is also one of the great intellectual challenges in biology today. How does a cell become cancerous? What are the agents that cause this to occur? How do current findings about genes, cells, and organisms ranging from yeast cells to humans inform us about cancer? How do findings about cancer teach us new biological concepts? Over the past few years there have been great inroads into answering these questions which have led to new ways to diagnose and treat cancer. This course will discuss cancer from the point of view of basic biological research. We will cover topics in genetics, molecular and cell biology that are relevant to understanding the differences between normal and cancer cells. These will include tumor viruses, oncogenes, tumor suppressor genes, cell cycle regulation, programmed cell death and cell senescence. We will also study some current physiological concepts related to cancer including angiogenesis, tumor immunology, cancer stem cells, metastasis and new approaches to treatment that are built on recent discoveries in cancer biology. The text book for this course is *The Biology of Cancer Second Edition* by Robert

A Weinberg (Garland Science). Additional and complementary readings will be assigned. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL UN3995 (Section 1) Topics in Biology: Crossroads in Bioethics. 1-2 points.

Prerequisites: at least one introductory course in biology or chemistry. This two credit multidisciplinary and interactive course will focus on contemporary issues in bioethics. Each topic will cover both the underlying science of new biotechnologies and the subsequent bioethical issues that emerge from these technologies. Classroom time will be devoted to student discussions, case presentations, and role playing. Topics include human trafficking, stem cell research, human reproductive cloning, neuroethics, genetic screening, human-animal chimeras, synthetic biology, bioterrorism, and neuroimaging.

BIOL UN3995 TOPICS IN BIOLOGY. 2.00 points.
Enrollment limited to 18.

Prerequisites: Introductory Biology or equivalent. Prerequisites: Introductory Biology or equivalent. Topics in Biology: Radiographic Anatomy and Select Pathology (Section 007 Fall semester) , Radiographic Anatomy and Selective Pathology is a survey course intended for undergraduate students. This course is not limited to science majors and would be of value to any student that may have an interest in studying the anatomy of the human body. The course is a systematic approach to the study of the human body utilizing medical imaging. We will be studying neuro-anatomy, anatomy of the thorax, abdomen, and pelvis. Vascular and musculoskeletal imaging will be addressed as well. Modalities will include CT, MRI, PET/CT, and Ultrasound. Cross sectional imaging will be supplemented with pathology demonstrated on appropriate cross sectional imaging. The class size will be limited to 15 students. The lecture will be offered Wednesday evenings from 6:10-7:00 pm. This will be a 1 credit course offered only during the fall semesters. Topics in Biology: Crossroads in Bioethics (Section 001 Spring semester) , This two credit multidisciplinary and interactive course will focus on contemporary issues in bioethics and medical ethics. Each topic will cover both the underlying science of new biotechnologies and the subsequent bioethical issues that emerge from these technologies. Each topic will introduce a bioethical principle that will be explored using case studies. Students are expected to prepare for each class based on the assignment so that classroom time will be devoted to discussion, case presentations, and role playing rather than merely lectures. Topics include stem cell research, human reproductive cloning, bioterrorism, neuroethics, genetic screening, medical stem cell tourism, patents and science, forensic science and the interface of science and culture/religion

Spring 2023: BIOL UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3995	001/14183	T 1:10pm - 2:25pm 327 Seeley W. Mudd Building	John Loike	2.00	33/40

BIOL GU4001 ADVANCED GENETIC ANALYSIS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Enrollment limited to 25.

Prerequisites: for undergraduates: Introductory Genetics (W3031) and the instructor's permission.

Prerequisites: for undergraduates: Introductory Genetics (W3031) and the instructors permission. This seminar course provides a detailed presentation of areas in classical and molecular genetics for advanced undergraduates and beginning graduate students. Topics include transmission genetics, gain and loss of function mutations, genetic redundancy, suppressors, enhancers, epistasis, expression patterns, using transposons, and genome analysis. The course is a mixture of lectures, student presentations, seminar discussions, and readings from the original literature

Spring 2023: BIOL GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4001	001/14184	M 1:10pm - 4:00pm 331 Uris Hall	Martin Chalfie	3.00	23/30

BIOL GU4002 Macromolecular Structure # Interactions. 4.00 points.

Open to PhD candidates in the biomedical and chemical sciences, and to other qualified graduate, undergraduate, and continuing education students with the instructor's permission.

This course has three interrelated goals: (i) to develop an intuitive understanding of the thermodynamic forces that control the structure of biological macromolecules and the evolution of life, (ii) to learn how to apply that understanding to experimental analyses of macromolecular interactions, and (iii) to master the use of molecular graphics software for understanding and interpreting macromolecular structures and interactions. The lectures develop the essential thermodynamic theory from the ground up, starting from a review of the relevant physical forces (Newton's and Coulomb's Laws) and culminating with an intuitive explanation of how complex biological organisms can evolve spontaneously, in a universe in which all natural processes are driven by increasing randomness or entropy, as specified by the 2nd Law of Thermodynamics. Subsequent lectures elaborate how these thermodynamic principles govern the formation and interaction of macromolecular structures, which represent the physical foundation for the evolution of life, and how the same principles are applied to analyze related experimental data. The problem sets for the course focus on practical applications of these principles to the analysis of data from common experiments used by molecular biologists to characterize macromolecular interactions. Extensive use is made of

molecular graphics software throughout the semester, including in the problem sets, based on instruction provided in both the lectures and recitation sections. The course is designed to develop a deep understanding of the physical mechanisms controlling macromolecular interactions while simultaneously empowering students to critically read related literature and rigorously design and analyze related experiments themselves

BIOL GU4004 NEUROBIO I:CELLULAR # MOLECULR. 4.00 points.

Prerequisites: one year of biology; a course in physics is highly recommended. Lecture and recitation. This is an advanced course intended for majors providing an in depth survey of the cellular and molecular aspects of nerve cell function. Topics include the cell biology and biochemistry of neurons, ionic and molecular basis of electrical signals, synaptic transmission and its modulation, function of sensory receptors. Although not required, it is intended to be followed by Neurobiology II (see below). The recitation meets once per week in smaller groups and emphasizes readings from the primary literature

Fall 2022: BIOL GU4004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4004	001/10368	T Th 10:10am - 11:25am 106 Jerome L Greene Hall	Stuart Firestein	4.00	7/20

BIOL GU4008 The Cellular Physiology of Disease. 3 points.

Prerequisites: one 3000-level course in Cell Biology or Biochemistry or the instructor's permission.

Corequisites: BIOL GU4009

This course will present a quantitative description of the cellular physiology of excitable cells (mostly nerve and muscle). While the course will focus on examining basic mechanisms in cell physiology, there will be a thread of discussion of disease mechanisms throughout. The end of each lecture will include a discussion of the molecular mechanisms of selected diseases that relate to the topics covered in the lecture. The course will consist of two lectures per week. This course will be of interest to advanced (3000-4000 level) undergraduates that aim to pursue careers in medicine as well as those that will pursue careers in biomedical research. This course will also be of interest to graduate students desiring an introduction to the cellular physiology of nerve and muscle.

BIOL GU4009 Cellular Physiology of Diseases Laboratory. 1 point.

See department for details

BIOL GU4013 ADV SEMINAR IN NEUROBIOLOGY. 3.00 points.**BIOL GU4022 DEVELOPMENTAL BIOLOGY. 3.00 points.**

Prerequisites: BIOL C2005-C2006 or equivalent. Come discover how the union of egg and sperm triggers the complex cellular interactions that specify the diverse variety of cells present in multicellular organisms. Cellular and molecular aspects of sex determination, gametogenesis, genomic

imprinting, X-chromosome inactivation, telomerase as the biological clock, stem cells, cloning, the pill and cell interactions will be explored, with an emphasis on humans. Original research articles will be discussed to further examine current research in developmental biology. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL GU4031 Genetics. 3 points.

Open to Biotech M.A. students and other graduate students.

Corequisites: Recommended: one term of organic chemistry. Prerequisites: BIOL UN2005 and BIOL UN2006 or the equivalent. General genetics course focused on basic principles of transmission genetics and the application of genetic approaches to the study of biological function. Principles will be illustrated using classical and contemporary examples from prokaryote and eukaryote organisms, and the experimental discoveries at their foundation will be featured. Applications will include genetic approaches to studying animal development and human diseases. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL GU4034 BIOTECHNOLOGY. 3.00 points.

Prerequisites: genetics or molecular biology. The course covers techniques currently used to explore and manipulate gene function and their applications in medicine and the environment. Part I covers key laboratory manipulations, including DNA cloning, gene characterization, association of genes with disease, and methods for studying gene regulation and activities of gene products. Part II also covers commercial applications, and includes animal cell culture, production of recombinant proteins, novel diagnostics, high throughput screening, and environmental biosensors

Fall 2022: BIOL GU4034

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4034	001/16692	M W 4:10pm - 5:25pm 601 Fairchild Life Sciences Bldg	Daniel Kalderon, Songtao Jia	3.00	33/50

BIOL GU4035 SEMINAR IN EPIGENETICS. 3.00 points.

Prerequisites: Genetics (3032/4032) or Molecular Biology (3512/4512), and the instructor's permission.

This is a combined lecture/seminar course designed for advanced undergraduates and graduate students. The focus is on understanding the mechanisms underlying epigenetic

phenomena: the heritable inheritance of genetic states without change in DNA sequence. Epigenetic mechanisms play important roles during normal animal development and oncogenesis. It is an area under intensive scientific investigation and the course will focus on recent advances in understanding these phenomena. In each class, students will present and discuss in detail recent papers and background material concerning each individual topic, followed by an introductory lecture on the following week's topic. This course will emphasize critical analysis of the scientific literature and help students understand how to identify important biological problems and how to address them experimentally.

BIOL GU4036 Transformative Concepts in Systems Biology. 3.00 points.

Systems biology approaches are rapidly transforming the technological and conceptual foundations of research across diverse areas of biomedicine. In this course we will discuss the fundamental developments in systems biology with a focus on two important dimensions: (1) the unique conceptual frameworks that have emerged to study systems-level phenomena and (2) how these approaches are revealing fundamentally new principles that govern the organization and behavior of cellular systems. Although there will be much discussion of technologies and computational approaches, the course will emphasize the conceptual contributions of the field and the big questions that lie ahead. Lectures and discussions of primary literature will enable students to scrutinize research in the field and to internalize systems biology thinking in their own research. To make this a concrete endeavor, the students will develop mini-NIH-style grant proposals that aims to study a fundamental problem/question using systems biology approaches. The students will then convene an in-class NIH-style review panel that will assess the strengths and weaknesses of these proposals. In addition, the students will have the opportunity to defend their proposals in a live presentation to the class. The course is open to graduate students in Biological Sciences. Advanced undergraduates in biological sciences, and other graduate students with background in biology from other disciplines, including physics, chemistry, computer science, and engineering may also attend after consulting with the instructor

Fall 2022: BIOL GU4036

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4036	001/10363	W 2:10pm - 4:00pm 602 Northwest Corner	Saeed Tavazoie	3.00	14/16

BIOL GU4065 Molecular Biology of Disease. 3 points. Enrollment limited to 30.

Prerequisites: open to advanced undergraduates with the instructor's permission. Completion of a 3000-level course in at least one of the following, with completion of two or more preferred: genetics, biochemistry, cell biology.

Molecular and cellular basis of infectious diseases and inherited propensities. Mechanisms of disease examined in discussions based on current research papers. Lectures, discussions,

and student presentations. Essay required in lieu of final examination.

BIOL GU4070 The Biology and Physics of Single Molecules. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: calculus, chemistry, physics, one year of biology, or the instructor's permission.

This course will examine the fundamental mechanisms underlying the behavior of biological molecules, at the single molecule level. The course will cover the methods used to track single molecules: optical tweezers, single molecule AFM, Magnetic tweezers, Optical techniques and Fluorescence energy transfer (FRET) probes. The course will cover the mechanism of action of mechanical motors, such as myosin dynein, kinesin. It will cover the action of DNA binding enzymes such as topoisomerases, helicases, etc. We will also discuss the function of large motors such as the ATP Synthase and the bacterial AAA ATPases. We will discuss the mechanical properties of DNA, RNA, and proteins. The course will consist mainly of reviewing classical experiments in each category, and developing the background physical theories to promote a deep understanding of biological mechanisms at the mesoscopic level.

BIOL GU4075 BIOLOGY AT PHYSICAL EXTREMES. 3.00 points.

Prerequisites: one year each of biology and physics, or the instructor's permission.

Prerequisites: one year each of biology and physics, or the instructor's permission. This is a combined lecture/seminar course designed for graduate students and advanced undergraduates. The course will cover a series of cases where biological systems take advantage of physical phenomena in counter intuitive and surprising ways to accomplish their functions. In each of these cases, we will discuss different physical mechanisms at work. We will limit our discussions to simple, qualitative arguments. We will also discuss experimental methods enabling the study of these biological systems. Overall, the course will expose students to a wide range of physical concepts involved in biological processes

Spring 2023: BIOL GU4075

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4075	001/14398	Th 2:10pm - 4:00pm 601b Fairchild Life Sciences Bldg	Ozgur Sahin	3.00	17/24

BIOL GU4080 ANCIENT AND MODERN RNA WORLDS. 3.00 points.

Prerequisites: BIOC UN3512

RNA has recently taken center stage with the discovery that RNA molecules sculpt the landscape and information contained within our genomes. Furthermore, some ancient RNA molecules combine the roles of both genotype and phenotype into a single molecule. These multi-tasking RNAs offering a possible solution to the paradox of which came first: DNA or proteins. This seminar explores the link between

modern RNA, metabolism, and insights into a prebiotic RNA world that existed some 3.8 billion years ago. Topics include the origin of life, replication, and the origin of the genetic code; conventional, new, and bizarre forms of RNA processing; structure, function and evolution of key RNA molecules, including the ribosome, and RNA therapeutics including vaccines. The format will be weekly seminar discussions with presentations. Readings will be taken from the primary literature, emphasizing seminal and recent literature. Requirements will be student presentations, class participation, and a final paper

Spring 2023: BIOL GU4080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4080	001/14186	W 2:10pm - 4:00pm 1000 Fairchild Life Sciences Bldg	Laura Landweber	3.00	6/18

BIOL GU4082 Theoretical Foundations and Applications of Biophysical Methods. 4 points.

Prerequisites: at least one year of coursework in single-variable calculus and not being freaked-out by multivariable calculus. Physics coursework through a calculus-based treatment of classical mechanics and electromagnetism. One year of general chemistry (either AP Chemistry or a college course). One year of college coursework in molecular/cellular biology and biochemistry equivalent to Biology C2005-2006 at Columbia. Rigorous introduction to the theory underlying biophysical methods, which are illustrated by practical applications to biomedical research. Emphasizes the approach used by physical chemists to understand and analyze the behavior of molecules, while also preparing students to apply these methods in their own research. Course modules cover: (i) statistical analysis of data; (ii) solution thermodynamics; (iii) hydrodynamic methods; (iv) light-scattering methods; and (v) spectroscopic methods, especially fluorescence. Recitations focus on curve-fitting analyses of experimental data.

BIOL GU4088 Seminar in Neurobiochemistry and Neurological Diseases. 3.00 points.

Students will read and discuss classical as well as contemporary research papers on the molecular and cellular mechanisms of membrane excitability, synaptic transmission and sensory transduction, and the pathogenic mechanisms and therapeutics of certain neurological diseases related to these processes. Focus will be on intellectual creativity, conceptual breakthroughs, and technical advances. A key goal of the course is to help students become a critical reader and thinker. Graduate students in all disciplines are welcome. Advanced undergraduate students can enroll with instructor's permission. For PhD students in the Biological Sciences Program, this is a tier 3 course

Spring 2023: BIOL GU4088

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4088	001/15101	T 4:10pm - 6:00pm 900 Fairchild Life Sciences Bldg	Jian Yang	3.00	10/15

BIOL GU4193 Stem Cell Biology and Applications. 3 points.

Prerequisites: Three semesters of Biology or instructor permission.

The course examines current knowledge and potential medical applications of pluripotent stem cells (embryonic stem cells and induced pluripotent stem cells), direct conversions between cell types and adult, tissue-specific stem cells (concentrating mainly on hematopoietic and gut stem cells as leading paradigms). A basic lecture format will be supplemented by presentations and discussions of research papers. Recent reviews and research papers together with extensive instructor notes will be used in place of a textbook.

BIOL GU4260 PROTEOMICS LABORATORY. 3.00 points.

Lab Fee: \$150.

This course deals with the proteome: the expressed protein complement of a cell, organelle, matrix, tissue, organ or organism. The study of the proteome (proteomics) is broadly applicable to life sciences research, and is increasingly important in academic, government and industrial research through extension of the impact of advances in genomics. These techniques are being applied to basic research, exploratory studies of cancer and other diseases, drug discovery and many other topics. Emphasis will be on mastery of practical techniques of sample preparation, liquid chromatography/mass spectrometry (LC/MS) with electrospray ionization, and Matrix-Assisted Laser Desorption and Ionization (MALDI-TOF) mass spectrometry. Database searching and interpretation for identification of proteins will be intensively studied, and practiced supported by background tutorials and exercises covering other techniques used in proteomics. Open to students in M.A. in Biotechnology Program (points can be counted against laboratory requirement for that program), Ph.D. and advanced undergraduate students with background in genetics or molecular biology. Students should be comfortable with basic biotechnology laboratory techniques as well as being interested in doing computational work in a Windows environment

Fall 2022: BIOL GU4260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4260	001/13341	Th 12:30pm - 3:30pm 900 Fairchild Life Sciences Bldg	Lewis Brown	3.00	6/10

BIOL GU4290 BIOLOGICAL MICROSCOPY. 3.00 points.

Prerequisites: (biol un2005 or biol un2401) or BIOL UN2005 or BIOL UN2401 or equivalent

Prerequisites: (biol un2005 or biol un2401) or BIOL UN2005 or BIOL UN2401 or equivalent This is an advanced microscopy course aimed at graduates and advanced undergraduate students, who are interested in learning about the foundational principles of microscopy approaches and their applications in life sciences. The course will introduce the fundamentals of optics, light-matter interaction and in-depth view of most

commonly used advanced microscopy methods, explore important practical imaging parameters, and also introduce digital images and their analysis

Spring 2023: BIOL GU4290

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4290	001/14190	T Th 11:40am - 12:55pm 601 Fairchild Life Sciences Bldg	Raju Tomer	3.00	22/30
BIOL 4290	AU1/18573	T Th 11:40am - 12:55pm Othr Other	Raju Tomer	3.00	2/2

BIOL GU4300 DRUGS AND DISEASE. 3.00 points.

Prerequisites: four semesters of biology with a firm foundation in molecular and cellular biology.

Prerequisites: four semesters of biology with a firm foundation in molecular and cellular biology. Introduces students to the current understanding of human diseases, novel therapeutic approaches and drug development process. Selected topics will be covered in order to give students a feeling of the field of biotechnology in health science. This course also aims to strengthen students' skills in literature comprehension and critical thinking

Fall 2022: BIOL GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4300	001/13229	M W 2:40pm - 3:55pm 601 Fairchild Life Sciences Bldg	Lili Yamasaki	3.00	31/55

BIOL GU4305 SEMINAR IN BIOTECHNOLOGY. 3.00 points.

Prerequisites: *BIOL W4300* or the instructor's permission.

Prerequisites: BIOL W4300 or the instructors permission. A weekly seminar and discussion course focusing on the most recent development in biotechnology. Professionals of the pharmaceutical, biotechnology, and related industries will be invited to present and lead discussions

Spring 2023: BIOL GU4305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4305	001/14191	W 2:10pm - 4:00pm 601 Fairchild Life Sciences Bldg	Lili Yamasaki	3.00	30/40

BIOL GU4310 INTENSIVE LAB IN BIOTECHNOLOGY. 0.00 points.**Spring 2023: BIOL GU4310**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4310	001/14192	M W 4:10pm - 5:25pm 209 Havemeyer Hall	Vincent Racaniello	0.00	83/110

BIOL GU4323 BIOPHYSICAL CHEMISTRY I. 4.00 points.

This course provides a rigorous introduction to the theory underlying widely used biophysical methods, which will be

illustrated by practical applications to contemporary biomedical research problems. The course has two equally important goals. The first goal is to explain the fundamental approaches used by physical chemists to understand the behavior of molecules and to develop related analytical tools. The second goal is to prepare students to apply these methods themselves to their own molecular biology research projects. The course will be divided into seven modules: (i) solution thermodynamics with an emphasis on application to analysis of protein structure, folding, and binding interactions; (ii) hydrodynamic methods; (iii) statistical analysis of experimental data; (iv) molecular dynamics calculations; (v) optical spectroscopy with an emphasis on fluorescence; (vi) nuclear magnetic resonance spectroscopy; and (vii) light-scattering and diffraction methods including an overview of cryogenic electron microscopy reconstruction methods. In each module, the underlying physical theories and models will be presented and used to derive the mathematical equations applied to the analysis of experimental data. Weekly recitations will emphasize the analysis of real experimental data and understanding the applications of biophysical experimentation in published research papers. The problem sets emphasize use of PyMOL for analysis of macromolecular structures and use of standard curve-fitting software for analysis of protein binding data; detailed tutorials on the related methods are provided in the recitation sections. The first three modules will be covered in Biophysical Chemistry I during the fall term, while the final three will be covered in Biophysical Chemistry II during the spring term, and treatment of molecular dynamics calculations will be divided between the two terms

BIOL GU4501 Biochemistry I - Structure # Metabolism. 4.00 points.

In this course, we will explore the basic biochemistry of living systems and how this knowledge can be harnessed to create new medicines. We will learn how living systems convert environmental resources into energy through metabolism, and how they use this energy and these materials to build the molecules required for the diverse functions of life. We will discuss the applications of this biochemical knowledge to mechanisms of disease and to drug discovery. We will look at examples of drug discovery related to neurodegeneration, cancer, and the SARS-CoV-2 COVID19 pandemic. This course satisfies the requirement of most medical schools for introductory biochemistry, and is suitable for advanced undergraduates, and beginning graduate students. This course is equivalent to and replaces the prior course named UN3501, and is equivalent to the course offered in the summer

BIOL GU4505 Biochemistry I Recitation in VR: Leveraging Virtual Reality. 0.00 points.

In this course, we will use virtual reality to explore the basic biochemistry of living systems and how this knowledge can be harnessed to create new medicines. We will learn how living systems convert environmental resources into energy through metabolism, and how they use this energy and these materials to build the molecules required for the diverse functions of life. We will discuss the applications of this biochemical knowledge

to mechanisms of disease and to drug discovery. We will look at examples of drug discovery related to neurodegeneration, cancer, and the SARS-CoV-2 COVID19 pandemic. This course satisfies the requirement of most medical schools for introductory biochemistry, and is suitable for advanced undergraduates, and beginning graduate students. This course is equivalent to and replaces the prior course named UN3501, and is equivalent to the course offered in the Fall semester. This course is a co-requisite to GU4501. We will meet twice each week in Zoom (Tuesday and Thursday 2:30-5:15, GU4501) to discuss the course material. We will then meet Friday 9:30-10:30 each week in virtual reality, using the Spatial.io platform and an Oculus Quest headset. In VR, we will examine the 3D spatial concepts relevant to biochemistry, where you will be able to examine molecular structures in an immersive format

BIOL GU4510 Genomics of Gene Regulation. 4 points.

Prerequisites: one year of Biology, Chemistry, and Physics. Courses taken at CU are recommended, but AP courses may be sufficient with the instructor's permission.

This course will provide students with a quantitative understanding of the ways in which molecular interactions between nucleotides and proteins give rise to the behavior of gene regulatory networks. The key high-throughput genomics technologies for probing the cell at different levels using microarrays and next-generation sequencing will be discussed. Strategies for interpreting and integrating these data using statistics, biophysics, and genetics will be introduced. In computer exercises, student will learn the basics of the R language, and use it to perform analyses of genomics data sets. No prior computer programming experience is assumed. This highly interdisciplinary course is intended for advanced undergraduates as well as beginning graduate students in Biology, Chemistry, Physics, Engineering, and Computer Science. Offered in previous years as CHBC W4510.

BIOL GU4511 Biochemistry I recitation: Structure and Metabolism. 0.00 points.

This is the recitation for GU4501. How does life work on a molecular level? Why do we succumb to disease, and how can we create new cures? This course will explore the biochemistry of life and how this knowledge can be harnessed to create new medicines. You will learn how cells convert environmental resources into energy through metabolism, how cellular molecules function, and how to use this biochemical knowledge for drug discovery related to neurodegeneration, cancer, and the current SARS-CoV-2 COVID19 pandemic. At the conclusion of the course, you will be able to diagram the major metabolic pathways and compare how these pathways are dysregulated in normal tissues in and in disease states. In addition, you will know what techniques are used to uncover biochemical knowledge and how to interpret relevant experiments. You will be capable of collaborating with other people in the analysis and interpretation of biochemical data, and be able to communicate, defend and refute interpretations of data. Having completed one year of college-level biology and one

year of organic chemistry will be helpful to maximally benefit from this course. This course satisfies the requirement of most medical schools for introductory biochemistry, and is suitable for advanced undergraduates, and beginning graduate students; this replaces the previous UN3511 course

BIOL GU4512 Molecular Biology. 3.00 points.

Prerequisites: one year of biology. This is a lecture course designed for advanced undergraduates and graduate students. The focus is on understanding at the molecular/biochemical level how genetic information is stored within the cell, how it is replicated and expressed, and how it is regulated. Topics covered include genome organization, DNA replication and repair, transcription, RNA processing, and translation. This course will also emphasize the critical analysis of the scientific literature and help students understand how to identify important biological problems and how to address them experimentally. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOL GU4551 A Structural View of Biology. 3.00 points.

The course covers a general introduction to the theory and experimental techniques of structural biology (protein expression and purification, protein crystallography, cryo-electron microscopy, nuclear magnetic resonance) and then how to use the structural information to understand biochemical and biological processes. The first part of the course will cover the general introduction to structural biology. The second part of the course will involve discussions and explorations of various structures, led by the instructor but with substantial participation from the students, to understand the molecular mechanisms of selected biochemical and biological processes. In the final part of the course, each student will select and lead discussions on a primary structural biology paper. The overall goal of the course is to increase the understanding of how protein structures are determined, what protein structures look like, and how to use the structures to understand biology

BIOL GU4560 EVOL IN THE AGE OF GENOMICS. 4.00 points.

Prerequisites: introductory genetics or the instructor's permission.

This course introduces basic concepts in evolutionary biology, from speciation to natural selection. While the lectures incorporate a historical perspective, the main goal of the class is to familiarize students with topics and tools of evolutionary genetics as practiced today, in the era of genomics. Thus, the focus will be on evidence from molecular evolution and genetics and exercises will assume a basic background in genetics. Examples will be drawn from across the tree of life, but with a primary focus on humans.

BIOL GU4600 CELL SIGNALING. 3.00 points.

Prerequisites: A strong background in molecular and cellular biology. Generally students with four or more courses are accepted.

Prerequisites: A strong background in molecular and cellular biology. Generally students with four or more courses are accepted. Cell Signaling is a graduate course for Ph.D. students open to advanced undergraduate and masters students. The basic molecular mechanism of signal transduction pathways will be discussed related to cell growth and stress systems. There will be an emphasis on specific categories of signaling components. Students will read the literature and give presentations. Topics include the pathways by which cells respond to extracellular signals such as growth factors and the mechanisms by which extracellular signals are translated into alterations in the cell cycle, morphology, differentiation state, and motility of the responding cells. For stress pathways we will discuss how cells respond to survive the stress or induce their own death. In many cases these pathways will be related to human diseases

Fall 2022: BIOL GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4600	001/10698	Th 4:10pm - 6:00pm 800 Fairchild Life Sciences Bldg	Ron Prywes	3.00	20/25

BIOL GU4777 From Curiosity to Cure – Case Studies in Cool Biochemistry. 4.00 points.

Course overview: The goal of this course is to engage upper-level undergraduates and beginning graduate students in an immersive intellectual experience at the intersection of rigorous scientific inquiry and the history of innovation in molecular biology. The central theme will be curiosity and critical thinking as the twin drivers of both technological innovation and scientific discovery. The course will be divided into a series of modules focused on analysis and presentation of original research papers related to one important breakthrough in molecular biology that occurred during the past century. A prominent theme of the course will be the persistently unpredictable trajectory linking technical research and methodological developments to breakthrough science.

Approximately six-to-eight original research papers will be covered in each module, spanning topics from the development of the methods that made the breakthrough possible through practical application of the resulting knowledge. Three or four of the following breakthroughs will likely be covered in 2023: Discovery and clinical application of insulin by Banting # Best. Development of the Trikafta triple drug treatment for cystic fibrosis. Development of CRISPR for human genetic engineering. Genetics and pharmacological treatment of human hyperlipidemia. Development of the Gleevec tyrosine kinase inhibitor to cure Ph leukemias. Development of “next-generation” nucleic acid sequencing methods

Spring 2023: BIOL GU4777

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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BIOL 4777	001/18084	M W 9:25am - 11:25am 601 Fairchild Life Sciences Bldg	John Hunt	4.00	6/32
BIOL 4777	AU1/18570	M W 9:25am - 11:25am Othr Other	John Hunt	4.00	2/3

BIOL GU4799 MOLECULAR BIOLOGY OF CANCER. 3.00 points.

Tracing the discovery of the role of DNA tumor viruses in cancerous transformation. Oncogenes and tumor suppressors are analyzed with respect to their function in normal cell cycle, growth control, and human cancers. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

BIOT GU4160 BIOTECHNOLOGY LAW. 3.00 points.

Prerequisites: at least 4 college-level biology or biotechnology courses. This course will introduce students to the interrelated fields of patent law, regulatory law, and contract law that are vital to the biotech and biopharmaceutical sectors. The course will present core concepts in a way that permits students to use them throughout their corporate, academic, and government careers. SCE and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Fall 2022: BIOT GU4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4160	001/10362	Th 6:10pm - 8:00pm 224 Pupin Laboratories	Alan Morrison	3.00	15/30
BIOT 4160	AU1/16805	Th 6:10pm - 8:00pm 224 Pupin Laboratories	Alan Morrison	3.00	2/3

BIOT GU4161 ETHICS IN BIOPHARM PAT/REG LAW. 3.00 points.

Prerequisites: BIOT GU4160 BIOTECHNOLOGY LAW (BIOT W4160)

This course – the first of its kind at Columbia – introduces students to a vital subfield of ethics focusing on patent and regulatory law in the biotech and pharmaceutical sectors. The course combines lectures, structured debate, and research to best present this fascinating and nuanced subject. Properly exploring this branch of bioethics requires an in-depth understanding of biotech and pharmaceutical patent and regulatory law. Students can gain this understanding by first completing Biotechnology Law (BIOT GU4160), formerly the prerequisite for this course. Now, they can also gain it by

reading the appropriate chapters of Biotechnology Law: A Primer for Scientists (the textbook for BIOT GU4160 published earlier this year) prior to each class. A number of students in the biotechnology fields (such as those in biotechnology, biomedical engineering, and bioethics programs) have shown a keen interest over the years in taking this course, yet were unable to do so because they hadn't taken BIOT GU4160. Given the recent publication of Biotechnology Law and the desirability of making BIOT GU4161 accessible to more students having the appropriate science background, BIOT GU4160 has been removed as a prerequisite

BIOT GU4180 ENTREPRENEURSHIP IN BIOTECH. 3.00 points.

Prerequisites: the instructors permission. The course examines the entrepreneurial process in biotechnology from idea generation through economic viability. Biotechnology companies are unique in that they need a years-to-decades long period of incubation prior to becoming self-sustaining. Students will be introduced to the steps needed to start and nurture a company, and gain an ability to assess the health of potential collaborators, partners or employers. Topics include an overview of the global biotechnology industry, idea generation, business plan formulation, intellectual property protection, funding, personnel management including board composition, regulatory body interaction, and company exits. Course website: <http://biot4180.weebly.com/>

BIOT GU4200 BIOPHARMACEUTICAL DEV # REG. 3.00 points.

The program aims to provide current life sciences students with an understanding of what drives the regulatory strategies that surround the development decision making process, and how the regulatory professional may best contribute to the goals of product development and approval. To effect this, we will examine operational, strategic, and commercial aspects of the regulatory approval process for new drug, biologic, and biotechnology products both in the United States and worldwide. The topics are designed to provide a chronological review of the requirements needed to obtain marketing approval. Regulatory strategic, operational, and marketing considerations will be addressed throughout the course. We will examine and analyze the regulatory process as a product candidates are advanced from Research and Development, through pre-clinical and clinical testing, to marketing approval, product launch and the post-marketing phase. The goal of this course is to introduce and familiarize students with the terminology, timelines, and actual steps followed by Regulatory Affairs professionals employed in the pharmaceutical or biotechnology industry. Worked examples will be explored to illustrate complex topics and illustrate interpretation of regulations

Fall 2022: BIOT GU4200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4200	001/13227	Th 4:10pm - 6:00pm 402 Chandler	Ron Guido	3.00	152/126

BIOT 4200 AU1/17030 Th 4:10pm - 6:00pm Ron Guido 3.00 4/5
402 Chandler

BIOT GU4201 SEM-BIOTECH DEVPT # REGULATION. 3.00 points.

Prerequisites: BIOT W4200 (OK without prerequisite). This course will provide a practical definition of the current role of the Regulatory Professional in pharmaceutical development, approval and post-approval actions. This will be illustrated by exploration, and interactive discussion of regulatory history, its evolution, current standards, and associated processes. The course will seek to clarify the role of Regulatory in development and lifecycle opportunities, demonstrating the value Regulatory adds by participation on research, development and commercial teams. The course will utilize weekly case studies and guest lecturers to provide color to current topical events related to the areas

Spring 2023: BIOT GU4201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4201	001/14188	Th 4:10pm - 6:00pm 501 Northwest Corner	Ron Guido	3.00	208/150

OF RELATED INTEREST

Biomedical Engineering

BMEN E4150 THE CELL AS A MACHINE

Chemistry

BIOC UN3501 Biochemistry: Structure and Metabolism

BIOC UN3512 Molecular Biology

Ecology, Evolution, and Environmental Biology

EEEB UN2001 ENVIRONMENTAL BIOLOGY I

EEEB GU4321 HUM NATURE:DNA,RACE # IDENTITY

History and Philosophy of Science

HPSC W3201 Philosophy and History of Evolutionary Biology

Physics

PHYS W4075 Biology at Physical Extremes

Psychology

PSYC UN1010 Mind, Brain and Behavior

BUSINESS

Program Manager: Jocelyn McArthur

email contact address: MendelsonCenter@gsb.columbia.edu

web address: <http://www8.gsb.columbia.edu/mendelson>

The collaboration between the faculty of Arts and Sciences and Columbia Business School offers students access to the ideas and expertise of the faculty of a top-ranked professional school recognized for its excellence in graduate business education through a series of elective courses. These courses, designed by Business School faculty specifically for undergraduates, build

upon the strong liberal arts education at Columbia. Students learn how finance is directly connected to the fundamental principles of economics; that marketing utilizes concepts from psychology; and how management depends upon principles developed in psychology and sociology.

Students can take advantage of the opportunity to enhance their experience by participating in co-curricular activities, such as Business School faculty lecture series, industry panels, informal mentoring/networking activities with MBA students and alumni, in addition to research opportunities with Business School faculty.

This curricular and co-curricular programming capitalizes on the Business School's ability to connect academic theory with real-world practice, providing students with the opportunity to develop key leadership skills, an entrepreneurial mindset, and the ability to innovate.

Eligibility:

- To be eligible to earn a Special Concentration in Business Management, students must apply to the program in the spring semester of their sophomore or junior years, and they must be accepted through a process governed by the Columbia Business School. Beginning with the Special Concentration cohort of 2017-2018 (i.e., students accepted via the application process of Spring 2017), the program will accept up to 45 qualified candidates each year. The size of the program may be reviewed from time to time by Columbia College and Columbia Business School and adjusted, if desired by both schools.
- For students who entered Columbia College or General Studies in, or before, Fall 2016: Students who have not been accepted into the Special Concentration program may have the option to "shadow" the Special Concentration in Business Management by taking the required courses if space is available in those courses. Students who "shadow" the program will not be given priority registration in any courses that count toward the Special Concentration. If a student is able to take all of the courses and earns a 3.0 or higher grade-point average in the prerequisite, core, and elective courses, she or he will be allowed to declare retroactively the Special Concentration and have the program noted on their transcript.
- The shadowing option is no longer available for students who entered Columbia College or General Studies in, or after, Fall 2017.

APPLICATION REQUIREMENTS

To apply for the special concentration in business management, students must meet these three requirements:

1. Sophomore or junior standing;
2. Have a cumulative GPA of 3.4 or higher;
3. Have received a B+ or better in at least one, but preferably two, of the following three prerequisite courses, i.e. in

statistics, economics, and psychology. Students who completed only one prerequisite at the time of application must be currently enrolled in at least one other; acceptance is conditional on achieving a grade of B+ or higher in the second course.

Statistics Prerequisite

Select one of the following:

STAT UN1001	INTRO TO STATISTICAL REASONING
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS
PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
SOCI UN3020	Social Statistics

Economics Prerequisite

ECON UN1105	PRINCIPLES OF ECONOMICS
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Psychology/Sociology Prerequisite

Select one of the following:

PSYC UN1001	THE SCIENCE OF PSYCHOLOGY
PSYC UN1010	Mind, Brain and Behavior
SOCI UN1000	THE SOCIAL WORLD

Application Components

1. Application form
2. Current class schedule, including a brief description of how all concentration requirements will be completed
3. Official transcript
4. Resume

Benefits for Admitted Students

The following benefits are available to students admitted through the application process:

1. Guaranteed enrollment in popular undergraduate business courses (must reserve in advance through program manager);
2. Access to special guest speaker presentations at the Business School, including business leader or faculty presentations exclusively for admitted students;
3. Formal and informal networking opportunities with Business School students, faculty, and alumni.

CURRENT FACULTY

GUIDELINES FOR ALL BUSINESS MANAGEMENT SPECIAL CONCENTRATORS

The business management special concentration is not a stand-alone concentration: it is intended to complement

the disciplinary specialization and methodological training inherent in a major. In addition to the special concentration requirements, students must complete a major or a full concentration.

Students who matriculated at Columbia in Fall 2012 and beyond must earn a minimum GPA of 3.0 in prerequisite, core, and elective courses. Students who matriculated before Fall 2012 must either adhere to the above requirement or previous requirement of B+ or better in at least two of the prerequisites and a minimum GPA of 3.0 in core and elective classes.

Students who do not meet course prerequisites or who do not receive a passing grade do not receive credit for that course towards the special concentration. All courses must be taken for a letter grade. Only prerequisites may be double counted for other majors or concentrations. The core classes **cannot** be double counted. Electives may be double counted if a student's major allows double counting.

For information about this special concentration, including the application process, visit <http://www8.gsb.columbia.edu/mendelson>.

SPECIAL CONCENTRATION IN BUSINESS MANAGEMENT

Please read *Guidelines for all Business Management Special Concentrators* above.

The requirements for the special concentration in business management are as follows:

Prerequisites

Select one of the following Statistics courses:

STAT UN1001	INTRO TO STATISTICAL REASONING
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS
PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
SOCI UN3020	Social Statistics

Select the following Economics course:

ECON UN1105	PRINCIPLES OF ECONOMICS
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Select one of the following Psychology/Sociology courses:

PSYC UN1001	THE SCIENCE OF PSYCHOLOGY
PSYC UN1010	Mind, Brain and Behavior
SOCI UN1000	THE SOCIAL WORLD

Core

Select one of the following Financial Core courses:

ECON GU4280	CORPORATE FINANCE
BUSI UN3013	FINANCIAL ACCOUNTING

Select two of the following Managerial Core courses:

BUSI UN3701	STRATEGY FORMULATION
BUSI UN3021	MARKETING MANAGEMENT
BUSI UN3703	LEADERSHIP IN ORGANIZATION
Electives	
Select two of the following courses:	
BUSI UN3702	VENTURING TO CHANGE THE WORLD
BUSI UN3704	Making History Through Venturing
ECON UN2257	THE GLOBAL ECONOMY
ECON UN3025	FINANCIAL ECONOMICS
ECON UN3265	MONEY AND BANKING
ECON GU4415	GAME THEORY
ECON BC2010	The Economics of Gender
ECON BC3013	Economic History of the United States
POLS V3615	Globalization and International Politics
PSYC UN2235	THINKING AND DECISION MAKING
PSYC UN2630	SOCIAL PSYCHOLOGY
PSYC UN2640	INTRO TO SOCIAL COGNITION
PSYC UN2650	INTRO TO CULTURAL PSYCHOLOGY
PSYC BC1136	Social Psychology
PSYC BC1138	Social Psychology
PSYC BC2151	ORGANIZATIONAL PSYCHOLOGY
SOCI UN2240	ECONOMY # SOCIETY
SOCI UN3000	SOCIAL THEORY
SOCI UN3265	SOCIOLOGY OF WORK # GENDER
SOCI UN3490	MISTAKE, MISCONDUCT, DISASTER
SOCI W3670	Culture, Markets, and Consumption
SOCI UN3677	The Organization of Diversity
SOCI S3675Q	Organizing Innovation
SOCI G4032	Sociology of Labor Markets
BIOT GU4201	SEM-BIOTECH DEVPT # REGULATION
HIST BC2101	HISTORY OF CAPITALISM
MATH UN3050	DISCRETE TIME MODELS IN FINANC
SDEV UN2320	ECON # FIN MTHDS FOR SDEV
URBS UN3550	Community Building and Economic Development

NOTE: Students may not receive credit for two or more of PSYC BC1136 Social Psychology, PSYC BC1138 Social Psychology, and PSYC UN2630 SOCIAL PSYCHOLOGY.

BUSI UN3013 FINANCIAL ACCOUNTING. 3.00 points.

Enables students to become informed users of financial information by understanding the language of accounting and financial reporting. Focuses on the three major financial statements that companies prepare for use of management and external parties--the balance sheet, the income statement, and the statement of cash flows. Examines the underlying concepts that go into the preparation of these financial statements as well as specific accounting rules that apply when preparing financial statements. Also looks at approaches to analyze the financial strength and operations of an entity. Uses actual financial statements to understand how financial information is presented and to apply analysis techniques

Fall 2022: BUSI UN3013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3013	001/13752	Th 1:10pm - 3:40pm 420 Geffen Hall	Pauline Lam	3.00	64/74

Spring 2023: BUSI UN3013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3013	001/13892	Th 1:10pm - 3:40pm 390 Geffen Hall	Pauline Lam	3.00	63/74

BUSI UN3021 MARKETING MANAGEMENT. 3.00 points.

Designed to provide students with an understanding of the fundamental marketing concepts and their application by business and non-business organizations. The goal is to expose students to these concepts as they are used in a wide variety of settings, including consumer goods firms, manufacturing and service industries, and small and large businesses. The course gives an overview of marketing strategy issues, elements of a market (company, customers, and competition), as well as the fundamental elements of the marketing mix (product, price, placement/distribution, and promotion)

Fall 2022: BUSI UN3021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3021	001/13749	W 4:10pm - 6:40pm 420 Geffen Hall	Thomas K. Hafen	3.00	82/74

Spring 2023: BUSI UN3021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3021	001/13893	Th 4:10pm - 6:40pm 390 Geffen Hall	Jenny Fernandez	3.00	58/74

BUSI UN3701 STRATEGY FORMULATION. 3.00 points.

This class is an introduction to strategic management and the decisions that firms make in their historical context. We look at the growth of the large multi-product firm in almost all countries in the world and the process by which they internationalized their activities and, very often, were also forced to retreat from their international positions. We treat strategies as relation to two broad goals of the class: to understand why some companies are financially much more successful than others; and to analyze how managers can devise a set of actions (the strategy) and design processes and structures that allow their company to obtain a competitive advantage. You will learn the analytical tools developed

in universities, in consulting and industrial firms, and even in the military. These tools include what companies do to outperform their rivals; to analyze the competitive moves of rival firms by game-theoretic concepts; and when it makes sense for companies to diversify and globalize their business. Applications will be to Walmart and Apple, European firms and to Asian firms, and developing country firms

Spring 2023: BUSI UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3701	001/13894	T Th 10:10am - 11:25am 390 Geffen Hall	Soo Min Cho	3.00	68/74

BUSI UN3702 VENTURING TO CHANGE THE WORLD. 3.00 points.

How do founders and their new ventures change the world? Changes in technology and society are increasing the power of small teams to impact everything. Startups, large corporations, social groups and governments are increasingly focused on the power of innovation to solve the world's hardest problems. The ideas and patterns driving this recent form of change-making build on frameworks defining the development of modern civilizations since the Renaissance. Venturing to Change the World introduces the intellectual foundations and practical aspects of founding a new venture. We explore the entrepreneurial mindset, team formation, idea selection, how ideas become products with markets, and the key steps in building a venture. Our scope is commercial as well as social ventures, and the course is appropriate not only for prospective founders but anyone who will operate in a society increasingly animated by entrepreneurial activity

Fall 2022: BUSI UN3702

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3702	001/13754	F 10:10am - 12:40pm 520 Geffen Hall	Jenny Fielding	3.00	66/74

BUSI UN3703 LEADERSHIP IN ORGANIZATION. 3.00 points.

Initially, the emphasis is on understanding the challenges confronting leaders and developing skills to effectively deal with these obstacles. Beyond intelligence and technical know-how, what separates effective leaders from other team members is a set of social skills (e.g. impression management, self-awareness). This course identifies these critical leadership skills and provides ideas and tools for improving them. Then, the course considers how social intelligence skills fit the needs of managers at different stages of their careers. In early stages, managers need to achieve a good person-job fit, find mentors, and build an effective social network. At the mid-career stage, managers need to lead an effective unit with increasing complexity and responsibilities. Finally, the course examines challenges managers face at later career stages as they become partners, CFOs, CEOs, etc

Spring 2023: BUSI UN3703

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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BUSI 3703	001/13895	W 1:10pm - 3:40pm 390 Geffen Hall	Rachel McDonald	3.00	72/74
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BUSI UN3704 Making History Through Venturing. 3 points.

Prerequisites: BUSI UN3702 BUSI UN3702 or equivalent This course is about making history. Advanced topics in creating successful organizations. In the age of accelerating change, innovation is moving from an accidental, artisanal process to a large-scale societal machinery. Building on Venturing to Change the World's overview, this course delves into the philosophy, economics, history, sociology, engineering, finance and management topics that animate powerful commercial and social ventures. Technology trends: Deep consideration of two major forces in technology for the next decade (synthetic biology, artificial intelligence). Management strategies for building and leading, as well as personal productivity and conduct. Accessing and managing financial markets and resources. Product creation: Conceptualizing and delivering innovation and products through design and engineering teams. Finance and fundraising: Designing the business model, understanding the economics, and the social science of the financing markets. Keywords: science, technology, innovation, management, finance, fundraising, operations research, organizational behavior, ethics, social impact, leadership, philosophy.

ECON GU4280 CORPORATE FINANCE. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 An introduction to the economics principles underlying the financial decisions of firms. The topics covered include bond and stock valuations, capital budgeting, dividend policy, market efficiency, risk valuation, and risk management. For information regarding REGISTRATION for this course, go to: <http://econ.columbia.edu/registration-information>

Fall 2022: ECON GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/11886	M W 10:10am - 11:25am 390 Geffen Hall	Haran Segram	3.00	77/75
ECON 4280	002/11887	T Th 4:10pm - 5:25pm 602 Hamilton Hall	Tri Vi Dang	3.00	81/86

Spring 2023: ECON GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/12148	M W 10:10am - 11:25am 390 Geffen Hall	Haran Segram	3.00	65/70
ECON 4280	002/12149	T Th 4:10pm - 5:25pm 310 Fayerweather	Tri Vi Dang	3.00	80/90

CHEMISTRY

Undergraduate Office: 340 Havemeyer; 212-854-2163

Departmental Office: 344 Havemeyer; 212-854-2202

<https://chem.columbia.edu/>

Program Manager for Undergraduate Studies:

Dr. Vesna Gasperov, 355 Chandler; 212-854-2017;
vg2231@columbia.edu

Biochemistry Advisers:

Please see Dr. Gasperov for your initial advising session for Biochemistry.

Biology: (for course planning queries) Prof. John Hunt, 702A Fairchild; 212-854-5443; jfh21@columbia.edu (stockwell@biology.columbia.edu); (for research and graduate school queries) Prof. James Manley, 1117A Fairchild; 212-854-4647; jlm2@columbia.edu (stockwell@biology.columbia.edu)
Chemistry: Prof. Virginia Cornish, 1209 Northwest Corner Building; 212-854-5209; vc114@columbia.edu (stockwell@biology.columbia.edu)

Chemistry, the study of molecules, is a central science interesting for its own sake but also necessary as an intellectual link to the other sciences of biology, physics, and environmental science. Faculty find the various disciplines of chemistry fascinating because they establish intellectual bridges between the macroscopic or human-scale world that we see, smell, and touch, and the microscopic world that affects every aspect of our lives. The study of chemistry begins on the microscopic scale and extends to engage a variety of different macroscopic contexts.

Chemistry is currently making its largest impact on society at the nexus between chemistry and biology and the nexus between chemistry and engineering, particularly where new materials are being developed. A typical chemistry laboratory now has more computers than test tubes and no longer smells of rotten eggs.

The chemistry department majors are designed to help students focus on these new developments and to understand the factors influencing the nature of the discipline. Because the science is constantly changing, courses change as well, and while organic and physical chemistry remain the bedrock courses, they too differ greatly from the same courses 40 years ago. Many consider biochemistry to be a foundation course as well. Although different paths within the chemistry major take different trajectories, there is a core that provides the essential foundation students need regardless of the path they choose. Students should consider majoring in chemistry if they share or can develop a fascination with the explanatory power that comes with an advanced understanding of the nature and influence of the microscopic world of molecules.

Students who choose to major in chemistry may elect to continue graduate study in this field and obtain a Ph.D. which is a solid basis for a career in research, either in the industry or in a university. A major in chemistry also provides students with an astonishing range of career choices such as working in the chemical or pharmaceutical industries or in many other businesses where a technical background is highly desirable. Other options include becoming a financial analyst for a technical company, a science writer, a high school chemistry teacher, a patent attorney, an environmental consultant, or a hospital laboratory manager, among others. The choices are both numerous and various as well as intellectually exciting and personally fulfilling.

ADVANCED PLACEMENT

The department grants advanced placement (AP) credit for a score of 4 or 5 or the equivalent. The amount of credit granted is based on the results of the department assessment exam and completion of the requisite course. Students who receive permission to register for CHEM UN1604 2ND TERM GEN CHEM (INTENSIVE) are granted 3 points of credit; students who receive permission to register for CHEM UN2045 INTENSIVE ORGANIC CHEMISTRY-CHEM UN2046 INTENSIVE ORG CHEM-FOR 1ST YEAR are granted 6 points of credit. In either case, credit is granted only upon completion of the course with a grade of C or better. Students must complete a department assessment exam prior to registering for either of these courses.

PROGRAMS OF STUDY

The Department of Chemistry offers four distinct academic major programs for undergraduates interested in professional-level training and education in the chemical sciences: chemistry, chemical physics, biochemistry and environmental chemistry. For students interested in a program of less extensive study and coursework, the department offers a concentration in chemistry.

COURSE INFORMATION

The results of the department assessment exam are used to advise students which track to pursue. The Department of Chemistry offers three different tracks. Students who wish to take Track 2 or 3 classes must take the department assessment exam. Students who wish to pursue Track 1 classes do not need to take the assessment exam.

TRACK INFORMATION

In the first year, Track 1 students with one year of high school chemistry take a one-year course in general chemistry, and the one-term laboratory course that accompanies it. In the second year, students study organic chemistry, and take organic chemistry laboratory.

Students who qualify by prior assessment during orientation week can place into the advanced tracks. There are two options. Track 2 students take, in the fall term, a special one-term

intensive course in general chemistry in place of the one-year course. In the second year, students study organic chemistry and take organic chemistry laboratory. Track 3 students take a one-year course in organic chemistry for first-year students and the one-term intensive general chemistry laboratory course. In the second year, students enroll in physical chemistry and the organic chemistry laboratory course.

Additional information on the tracks can be found in the *Requirements* section.

ADDITIONAL COURSES

First-year students may also elect to take CHEM UN2408. This seminar focuses on topics in modern chemistry, and is offered to all students who have taken at least one semester of college chemistry and have an interest in chemical research.

Biochemistry (BIOC GU4501, BIOC GU4512) is recommended for students interested in the biomedical sciences.

Physical chemistry (CHEM UN3079-CHEM UN3080), a one-year program, requires prior preparation in mathematics and physics. The accompanying laboratory is CHEM UN3085-CHEM UN3086.

Also offered are a senior seminar (CHEM UN3920); advanced courses in biochemistry, inorganic, organic, and physical chemistry; and an introduction to research (CHEM UN3098).

SAMPLE PROGRAMS

Some *typical* programs are shown below. Programs are crafted by the student and the Director of Undergraduate Studies and Program Manager to meet individual needs and interests.

Track 1

First Year

CHEM UN1403	GENERAL CHEMISTRY I-LECTU
CHEM UN1404	GENERAL CHEMISTRY II-LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY
CHEM UN2408	1ST YEAR SEM IN CHEMICAL RES

Calculus and physics as required.

Second Year

CHEM UN2443	ORGANIC CHEMISTRY I-LECTURES
CHEM UN2444	ORGANIC CHEMISTRY II-LECTURES
CHEM UN2493	ORGANIC CHEM. LAB I TECHNIQUES
CHEM UN2494	ORGANIC CHEM. LAB II SYNTHESIS

Calculus and physics as required.

Third Year

CHEM UN3079	PHYSICAL CHEMISTRY I-LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II-LECTURES
BIOC GU4501	BIOCHEM I-STRUCTURE/METABOLISM
CHEM UN3546	ADVANCED ORGANIC CHEMISTRY LAB
CHEM UN3098	SUPERVISED INDEPENDENT RES

Fourth Year

CHEM UN3085	PHYSICL-ANALYTICL LABORATORY I
CHEM UN3086	PHYSICL-ANALYTCL LABORATORY II
CHEM UN3920	SENIOR SEMINAR
CHEM GU4071	INORGANIC CHEMISTRY

Advanced courses (4000-level or higher)

Track 2

First Year

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN2408	1ST YEAR SEM IN CHEMICAL RES

Calculus and physics as required.

Second Year

CHEM UN2443	ORGANIC CHEMISTRY I-LECTURES
CHEM UN2444	ORGANIC CHEMISTRY II-LECTURES
CHEM UN2493	ORGANIC CHEM. LAB I TECHNIQUES
CHEM UN2494	ORGANIC CHEM. LAB II SYNTHESIS

Calculus and physics as required.

Third Year

CHEM UN3079	PHYSICAL CHEMISTRY I-LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II-LECTURES
BIOC GU4501	BIOCHEM I-STRUCTURE/METABOLISM
CHEM UN3546	ADVANCED ORGANIC CHEMISTRY LAB
CHEM UN3098	SUPERVISED INDEPENDENT RES

Fourth Year

- CHEM UN3085 PHYSICL-ANALYTICL
LABORATORY I
- CHEM UN3086 PHYSICL-ANALYTICL
LABORATORY II
- CHEM UN3920 SENIOR SEMINAR
- CHEM GU4071 INORGANIC CHEMISTRY
- Advanced courses (4000- level or higher)

Track 3**First Year**

- CHEM UN1507 INTENSVE GENERAL
CHEMISTRY-LAB
- CHEM UN2045 INTENSVE ORGANIC
CHEMISTRY
- CHEM UN2408 1ST YEAR SEM IN CHEMICAL
RES

Calculus and Physics as required.

Second Year

- CHEM UN2046 INTENSVE ORG CHEM-FOR 1ST
YEAR
- CHEM UN3079 PHYSICAL CHEMISTRY I-
LECTURES
- CHEM UN3080 PHYSICAL CHEMISTRY II-
LECTURES
- CHEM UN2545 INTENSIVE ORGANIC CHEM
LAB
- CHEM UN3546 ADVANCED ORGANIC
CHEMISTRY LAB

Calculus and physics as required.

Third Year

- BIOC GU4501 BIOCHEM I-STRUCTURE/
METABOLISM
- CHEM UN3085 PHYSICL-ANALYTICL
LABORATORY I
- CHEM UN3086 PHYSICL-ANALYTICL
LABORATORY II
- CHEM UN3098 SUPERVISED INDEPENDENT
RES
- CHEM GU4071 INORGANIC CHEMISTRY

Fourth Year

- CHEM UN3920 SENIOR SEMINAR
- Advanced courses (4000-level or higher)

PROFESSORS

Virginia W. Cornish
Richard A. Friesner
Ruben Gonzalez
Laura Kaufman
James L. Leighton
Ann E. McDermott

Wei Min
Jack R. Norton
Colin Nuckolls
Gerard Parkin
David R. Reichman
Tomislav Rovis
Dalibor Sames
Brent Stockwell
James J. Valentini
Latha Venkataraman
Xiaoyang Zhu

ASSOCIATE PROFESSORS

Angelo Cacciuto
Luis Campos
Jonathan Owen
Xavier Roy

ASSISTANT PROFESSORS

Timothy Berkelbach
Milan Delor
Neel Shah

SENIOR LECTURERS

Luis Avila
Anna Ghurbanyan
Sarah Hansen
Fay Ng
Joseph Ulichny

LECTURERS

Robert Beer
John Decatur
Charles E. Doubleday
Ruben Savizky
Talha Siddiqui

**GUIDELINES FOR ALL CHEMISTRY
MAJORS, CONCENTRATORS, AND
INTERDEPARTMENTAL MAJORS**

Students majoring in chemistry or in one of the interdepartmental majors in chemistry should go to the director of undergraduate studies or the undergraduate program manager in the Department of Chemistry to discuss their program of study. Chemistry majors and interdepartmental majors usually postpone part of the Core Curriculum beyond the sophomore year.

Chemistry Tracks

All students who wish to start with Track 2 or 3 courses must take an assessment during orientation week ahead of fall semester. The results of the assessment are used to advise

students which track to pursue. Unless otherwise specified below, all students must complete one of the following tracks:

Track 1

CHEM UN1403	GENERAL CHEMISTRY I-LECTU
CHEM UN1404	GENERAL CHEMISTRY II-LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY
CHEM UN2443	ORGANIC CHEMISTRY I-LECTURES
CHEM UN2444	ORGANIC CHEMISTRY II-LECTURES
CHEM UN2493	ORGANIC CHEM. LAB I TECHNIQUES
CHEM UN2494	ORGANIC CHEM. LAB II SYNTHESIS

Track 2

CHEM UN1500	GENERAL CHEMISTRY LABORATORY
or CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN2443	ORGANIC CHEMISTRY I-LECTURES
CHEM UN2444	ORGANIC CHEMISTRY II-LECTURES
CHEM UN2493	ORGANIC CHEM. LAB I TECHNIQUES
CHEM UN2494	ORGANIC CHEM. LAB II SYNTHESIS

Track 3

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN2045	INTENSVE ORGANIC CHEMISTRY
CHEM UN2046	INTENSVE ORG CHEM-FOR 1ST YEAR
CHEM UN2545	INTENSIVE ORGANIC CHEM LAB

Physics Sequences

Unless otherwise specified below, all students must complete one of the following sequences:

Sequence A

For students with limited background in high school physics:

PHYS UN1401	INTRO TO MECHANICS # THERMO
PHYS UN1402	INTRO ELEC/MAGNETISM # OPTICS

PHYS UN1403	INTRO-CLASSCL # QUANTUM WAVES
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For chemistry majors, the following laboratory courses are recommended, NOT required. For chemical physics majors, the following laboratory courses are required:

PHYS UN1494	INTRO TO EXPERIMENTAL PHYS-LAB
PHYS UN2699	Experiments in Classical and Modern Physics
PHYS UN3081	INTERMEDIATE LABORATORY WORK

Sequence B

PHYS UN1601	PHYSICS I:MECHANICS/RELATIVITY
PHYS UN1602	PHYSICS II: THERMO, ELEC # MAG
PHYS UN2601	PHYSICS III:CLASS/QUANTUM WAVE

For chemistry majors, the following laboratory courses are recommended NOT required. For chemical physics majors, the following laboratory courses are required:

PHYS UN2699	Experiments in Classical and Modern Physics
PHYS UN3081	INTERMEDIATE LABORATORY WORK

Sequence C

For students with advanced preparation in physics and mathematics:

PHYS UN2801	ACCELERATED PHYSICS I
- PHYS UN2802	and ACCELERATED PHYSICS II

For chemistry majors, the following laboratory courses are recommended NOT required. For chemical physics majors, the following laboratory courses are required:

PHYS UN2699	Experiments in Classical and Modern Physics
or PHYS UN3081	INTERMEDIATE LABORATORY WORK

MAJOR IN CHEMISTRY

Select one of the tracks outlined above in *Guidelines for all Chemistry Majors, Concentrators, and Interdepartmental Majors* and complete the following lectures and labs.

Chemistry

Select one of the chemistry tracks outlined above.

CHEM UN2408	1ST YEAR SEM IN CHEMICAL RES (Recommended NOT required)
CHEM UN3079	PHYSICAL CHEMISTRY I-LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II-LECTURES

CHEM UN3085	PHYSICL-ANALYTICL LABORATORY I
CHEM UN3086	PHYSICL-ANALYTCL LABORATORY II
CHEM UN3546	ADVANCED ORGANIC CHEMISTRY LAB
CHEM UN3920	SENIOR SEMINAR
CHEM GU4071	INORGANIC CHEMISTRY
Select one course from the following:	
CHEM UN3098	SUPERVISED INDEPENDENT RES

OR Chemistry courses numbered CHEM GU4000 or
above for 2 credit points or more

Physics

Select one of the physics sequences outlined above in the
Guidelines section.

Mathematics

Select one of the following sequences:

Four semesters of calculus:

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN1202	and CALCULUS IV

Two semesters of honors mathematics:

MATH UN1207	HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B

MAJOR IN BIOCHEMISTRY

Select one of the tracks outlined above in *Guidelines for all
Chemistry Majors, Concentrators, and Interdepartmental
Majors* and complete the following lectures and labs.

Chemistry

Select one of the chemistry tracks outlined above.

CHEM UN2408	1ST YEAR SEM IN CHEMICAL RES (Recommended NOT required)
CHEM UN3079	PHYSICAL CHEMISTRY I- LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II- LECTURES

Biology

BIOL UN1908	First Year Seminar in Biology (Recommended NOT required)
BIOL UN2005	INTRO BIO I: BIOCHEM, GEN, MOLEC
BIOL UN2006	INTRO BIO II: CELL BIO, DEV/ PHYS
BIOC GU4501	BIOCHEM I-STRUCTURE/ METABOLISM
or BIOC UN3300	BIOCHEMISTRY
BIOC GU4512	MOLECULAR BIOLOGY

Physics

Select one of the following physics sequences:

Sequence A:	
PHYS UN1201	GENERAL PHYSICS I
- PHYS UN1202	and GENERAL PHYSICS II
Sequence B:	
PHYS UN1401	INTRO TO MECHANICS #
- PHYS UN1402	THERMO
- PHYS UN1403	and INTRO ELEC/MAGNETISM # OPTCS and INTRO-CLASSCL # QUANTUM WAVES (PHYS UN1403 is recommended NOT required)

Sequence C:	
PHYS UN1601	PHYSICS I: MECHANICS/ RELATIVITY
- PHYS UN1602	and PHYSICS II: THERMO, ELEC # MAG
- PHYS UN2601	and PHYSICS III: CLASS/ QUANTUM WAVE (PHYS UN2601 is recommended but not required)

Sequence D:	
PHYS UN2801	ACCELERATED PHYSICS I
- PHYS UN2802	and ACCELERATED PHYSICS II

Mathematics

Select one of the following sequences:

Two semesters of calculus:

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN1202	and CALCULUS IV

Two semesters of honors mathematics:

MATH UN1207	HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B

AP credit and one term of calculus (Calculus II or higher)

Additional Courses

Select two of the following upper level laboratory courses
(one must be a Biology lab):

BIOL UN2501	CONTEMPORARY BIOLOGY LAB
- BIOL UN3040	and LAB IN MOLECULAR BIOLOGY (A 3 pt. Barnard lab course, with permission from Bio advisor)
BIOL UN3052	PROJECT LAB-MOLECULAR GENETICS
BIOL UN3058	PROJECT LAB IN MICROBIOLOGY
BIOL UN3500	INDEP BIOLOGICAL RESEARCH
CHEM UN3085	PHYSICL-ANALYTICL LABORATORY I
CHEM UN3086	PHYSICL-ANALYTCL LABORATORY II

CHEM UN3098	SUPERVISED INDEPENDENT RES
CHEM UN3546	ADVANCED ORGANIC CHEMISTRY LAB
Select any three courses from the following:	
CHEM GU4071	INORGANIC CHEMISTRY
CHEM GU4102	CHEMISTRY FOR THE BRAIN
CHEM GU4103	ORGANOMETALLIC CHEMISTRY
CHEM GU4147	ADVANCED ORGANIC CHEMISTRY I
CHEM GU4312	CHEMICAL BIOLOGY
CHEM GU4313	Peptide and Protein Chemistry
BIOC GU4323	Biophysical Chemistry I
BIOC GU4324	Biophysical Chemistry II
MATH UN3027 or MATH UN2030	Ordinary Differential Equations ORDINARY DIFFERENTIAL EQUATIONS
One additional semester of calculus	
One additional semester of honors math:	
MATH UN1207 or MATH UN1208	HONORS MATHEMATICS A HONORS MATHEMATICS B
Any biology course at the 3000/4000 level for 3 or more points. The following are recommended:	
BIOL UN3004 or BIOL UN3005	NEUROBIO I: CELLULAR # MOLECU NEUROBIO II: DEVPT # SYSTEMS
BIOL UN3008	The Cellular Physiology of Disease
BIOL UN3022	DEVELOPMENTAL BIOLOGY
BIOL UN3034	Biotechnology
BIOL UN3041	CELL BIOLOGY
BIOL UN3073	CELLULAR/MOLECULAR IMMUNOLOGY
BIOL GU4065	Molecular Biology of Disease
BIOL GU4300	DRUGS AND DISEASE

MAJOR IN CHEMICAL PHYSICS

Select one of the tracks outlined above in *Guidelines for all Chemistry Majors, Concentrators, and Interdepartmental Majors* and complete the following lectures and labs.

Chemistry

Select one of the chemistry tracks outlined above.

CHEM UN3079	PHYSICAL CHEMISTRY I- LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II- LECTURES
CHEM UN3085	PHYSICL-ANALYTICL LABORATORY I
CHEM UN3086	PHYSICL-ANALYTCL LABORATORY II
CHEM UN3920	SENIOR SEMINAR
CHEM GU4221	QUANTUM CHEMISTRY I

or PHYS GU4021	QUANTUM MECHANICS I
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Physics

Select one of the physics sequences outlined above in *Guidelines for all Chemistry Majors, Concentrators and Interdepartmental Majors*. For the chemical physics major, one lab **MUST** be completed for the sequence chosen.

Complete the following lectures:

PHYS UN3003	MECHANICS
PHYS UN3007	ELECTRICITY-MAGNETISM
PHYS UN3008	ELECTROMAGNETIC WAVES # OPTICS

Mathematics

Select one of the following sequences:

Four semesters of calculus:

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN1202	and CALCULUS IV

Two semesters of honors mathematics:

MATH UN1207	HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B
- MATH UN3027	and Ordinary Differential Equations

Two semesters of advanced calculus:

MATH UN1202	CALCULUS IV
- MATH UN3027	and Ordinary Differential Equations

MAJOR IN ENVIRONMENTAL CHEMISTRY

The requirements for this program were modified on February 1, 2016. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

Select one of the tracks outlined above in *Guidelines for all Chemistry Majors, Concentrators, and Interdepartmental Majors* and complete the following lectures and labs.

Chemistry

Select one of the chemistry tracks outlined above. A second semester of Organic Chemistry lecture is recommended NOT required.

CHEM UN3079	PHYSICAL CHEMISTRY I- LECTURES
CHEM GU4071	INORGANIC CHEMISTRY
The following courses are recommended NOT required:	
CHEM UN2408	1ST YEAR SEM IN CHEMICAL RES
CHEM UN3920	SENIOR SEMINAR

Earth and Environmental Science

Select two of the following three courses:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
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EESC UN2200 EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

EESC UN2300 EARTH'S ENVIRO SYST: LIFE SYST

Additional course required:

EESC UN3101 Geochemistry for a Habitable Planet

Select one of the following labs:

EESC BC3016 ENVIRONMENTAL MEASUREMENTS

CHEM UN3085 PHYSICL-ANALYTICL LABORATORY I

Select one option for Independent Research in Environmental Chemistry:

EESC BC3800 ENVIR SCIENCE SENIOR SEMINAR
- EESC BC3801 and ENVIR SCIENCE SENIOR SEM II

CHEM UN3098 SUPERVISED INDEPENDENT RES (It is strongly recommended to take CHEM UN3920 if taking CHEM UN3098)

Physics

Select one of the following physics sequences:

Sequence A:

PHYS UN1201 GENERAL PHYSICS I
- PHYS UN1202 and GENERAL PHYSICS II

Sequence B:

PHYS UN1401 INTRO TO MECHANICS #
- PHYS UN1402 THERMO
- PHYS UN1403 and INTRO ELEC/MAGNETISM # OPTCS
and INTRO-CLASSCL # QUANTUM WAVES
(Recommended NOT required)

Sequence C:

PHYS UN1601 PHYSICS I:MECHANICS/
- PHYS UN1602 RELATIVITY
- PHYS UN2601 and PHYSICS II: THERMO,
ELEC # MAG
and PHYSICS III:CLASS/
QUANTUM WAVE
(Recommended, not required)

Sequence D:

PHYS UN2801 ACCELERATED PHYSICS I
- PHYS UN2802 and ACCELERATED PHYSICS II

Mathematics

Two semesters of calculus:

MATH UN1101 CALCULUS I

MATH UN1102 CALCULUS II

MATH UN1201 CALCULUS III

MATH UN1202 CALCULUS IV

Additional Courses

Select any two of the following:

Chemistry:

CHEM UN3080 PHYSICAL CHEMISTRY II-LECTURES

CHEM GU4103 ORGANOMETALLIC CHEMISTRY

CHEM GU4147 ADVANCED ORGANIC CHEMISTRY I

Earth and Environmental Science:

EESC BC3017 ENVIRONMENTAL DATA ANALYSIS

EESC BC3025 HYDROLOGY

EESC GU4008 Introduction to Atmospheric Science

EESC GU4009 CHEMICAL GEOLOGY

EESC GU4040 CLIM THERMODYN/ENERGY TRANSFER

EESC GU4050 GLOBAL ASSMT-REMOTE SENSING

EESC GU4600 EARTH RESOURCES # SUSTAIN DEV

EESC GU4835 Wetlands and Climate Change

EESC GU4885 CHEMISTRY OF CONTINENTL WATERS

EESC GU4888 Stable Isotope Geochemistry

EESC GU4924 INTRO TO ATMOSPHERIC CHEMISTRY

EESC GU4925 Principles of Physical Oceanography

EESC GU4926 INTRO TO CHEMICAL OCEANOGRAPHY

Earth and Environmental Engineering:

EAEE E4001 INDUST ECOLOGY-EARTH RESOURCES

EAEE E4003 AQUATIC CHEMISTRY

Mathematics:

One additional semester of calculus

CONCENTRATION IN CHEMISTRY

No more than four points of CHEM UN3098 SUPERVISED INDEPENDENT RES may be counted toward the concentration.

Select one of the three chemistry tracks listed below.

PHYS UN1201 GENERAL PHYSICS I
- PHYS UN1202 and GENERAL PHYSICS II

Two semesters of calculus

Chemistry Tracks

Track 1

CHEM UN1403 GENERAL CHEMISTRY I-LECTU

CHEM UN1404 GENERAL CHEMISTRY II-LECTURES

CHEM UN1500 GENERAL CHEMISTRY LABORATORY

Select 22 points of chemistry at the 2000-level or higher (excluding CHEM UN2408).

Track 2

CHEM UN1500	GENERAL CHEMISTRY LABORATORY
or CHEM UN1507	INTENSVE GENERAL CHEMISTRY- LAB

CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
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Select 22 points of chemistry at the 2000-level or higher (excluding CHEM UN2408).

Track 3

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN2045	INTENSVE ORGANIC CHEMISTRY
CHEM UN2046	INTENSVE ORG CHEM-FOR 1ST YEAR

Select 18 points of chemistry at the 2000-level or higher (excluding CHEM UN2408).

FALL 2022

Please note that some lab fees have increased. You may consult the [Directory of Classes](#) for the most up to date fees.

CHEM UN1403 GENERAL CHEMISTRY I-LECTU. 3.00 points.

Fall 2022: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/11224	M W 10:10am - 11:25am 309 Havemeyer Hall	Gerard Parkin	3.00	219/225
CHEM 1403	002/11222	T Th 10:10am - 11:25am 309 Havemeyer Hall	Xavier Roy	3.00	180/190
CHEM 1403	003/11225	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	3.00	199/190
CHEM 1403	004/11227	M W 6:10pm - 7:25pm 203 Mathematics Building	Robert Beer	3.00	87/120

Spring 2023: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/11247	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	3.00	116/130
CHEM 1403	AU1/18334	T Th 6:10pm - 7:25pm Othr Other	Ruben Savizky	3.00	10/10

CHEM UN1500 GENERAL CHEMISTRY LABORATORY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Lab Fee: \$140.

Corequisites: CHEM UN1403, CHEM UN1404

Corequisites: CHEM UN1403, CHEM UN1404 An introduction to basic lab techniques of modern experimental chemistry, including quantitative procedures and chemical analysis. Students must register for a Lab Lecture section for this course (CHEM UN1501). Please check the Directory of Classes for details. Please note that CHEM UN1500 is offered in the fall and spring semesters. Mandatory lab check-in will be held during the first week of classes in both the fall and spring semesters. You may be asked to serve as research subjects in studies under direction of the faculty while enrolled in this course (CHEM UN1500 Sec 1, 2, 5, 7 and CHEM UN1501 Sec 1). Participation in voluntary

Fall 2022: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/11228	T 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	16/46
CHEM 1500	002/11229	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	46/46
CHEM 1500	003/11231	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	41/46
CHEM 1500	004/11232	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	8/46

Spring 2023: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/11655	M 2:10pm - 5:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	26/24
CHEM 1500	002/11656	T 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	27/46
CHEM 1500	003/11657	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	49/48
CHEM 1500	004/11658	W 8:40am - 12:25pm 302 Havemeyer Hall	Sarah Hansen	3.00	24/46
CHEM 1500	005/11659	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	49/48
CHEM 1500	006/11660	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	14/46
CHEM 1500	007/11661	Th 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	53/48
CHEM 1500	008/11662	F 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	28/26

CHEM UN1507 INTENSIVE GENERAL CHEMISTRY-LAB. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Lab Fee: \$140.

Prerequisites: CHEM UN1604 or CHEM UN2045

Corequisites: CHEM UN2045

Prerequisites: CHEM UN1604 or CHEM UN2045 Corequisites: CHEM UN2045 A student-centered experimental course intended for students who are taking or have completed CHEM UN1604 (Second Semester General Chemistry Intensive Lecture offered in Fall), CHEM UN2045 (Intensive Organic Chemistry offered in Fall), or CHEM UN2046 (Intensive Organic Chemistry Lecture offered in Spring). The course will provide an introduction to theory and practice of modern experimental chemistry in a contextual, student-centered collaborative learning environment. This course differs from CHEM UN1500 in its pedagogy and its emphasis on instrumentation and methods. Students must also attend the compulsory Mentoring Session. Please check the Directory of Classes for details. Please note that CHEM UN1507 is offered in the fall and spring semesters

Fall 2022: CHEM UN1507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/11236	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3.00	12/18
CHEM 1507	002/11237	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3.00	7/18

Spring 2023: CHEM UN1507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/11665	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3.00	18/18
CHEM 1507	002/11666	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3.00	18/18

CHEM UN1604 2ND TERM GEN CHEM (INTENSIVE). 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Acceptable performance on the Department placement exam during orientation week AND either a grade of "B" or better in CHEM UN1403 or AP chemistry or the equivalent.

Corequisites: MATH UN1102

Prerequisites: Acceptable performance on the Department placement exam during orientation week AND either a grade of "B" or better in CHEM UN1403 or AP chemistry or the equivalent. Please contact Vesna Gasperov (vg2231@columbia.edu) or your academic advisor at CSA for further information. Corequisites: MATH UN1102 Topics include chemical kinetics, thermodynamics and chemical bonding. Students must register simultaneously for a corresponding recitation section. Please check Courseworks or contact the instructor or departmental adviser for additional

details. When registering, be sure to add your name to the wait list for the recitation corresponding to the lecture section (CHEM UN1606). Information about registration for the required recitation will be sent out before classes begin. Please expect to also be available for review sessions on Fridays from 8:10am-9:55am

Fall 2022: CHEM UN1604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1604	001/11239	T Th 11:40am - 12:55pm 209 Havemeyer Hall	Wei Min	4.00	55/120

CHEM UN2443 ORGANIC CHEMISTRY I-LECTURES. 4.00 points.

Prerequisites: (CHEM UN1403 and CHEM UN1404) or CHEM UN1604

Prerequisites: (CHEM UN1403 and CHEM UN1404) or CHEM UN1604 The principles of organic chemistry. The structure and reactivity of organic molecules are examined from the standpoint of modern theories of chemistry. Topics include stereochemistry, reactions of organic molecules, mechanisms of organic reactions, syntheses and degradations of organic molecules, and spectroscopic techniques of structure determination. Although CHEM UN2443 and CHEM UN2444 are separate courses, students are expected to take both terms sequentially. Students must ensure they register for the recitation which corresponds to the lecture section. Please check the Directory of Classes for details

Fall 2022: CHEM UN2443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2443	001/11241	M W 11:40am - 12:55pm 309 Havemeyer Hall	Christopher Eckdahl	4.00	166/160
CHEM 2443	002/11242	T Th 1:10pm - 2:25pm 309 Havemeyer Hall	Christopher Eckdahl	4.00	119/170
CHEM 2443	003/11243	M W 6:10pm - 7:25pm 309 Havemeyer Hall	Charles Doubleday	4.00	64/120
CHEM 2443	AU1/18522	M W 11:40am - 12:55pm 309 Havemeyer Hall	Christopher Eckdahl	4.00	2/10

Spring 2023: CHEM UN2443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2443	001/11541	T Th 1:10pm - 2:25pm 309 Havemeyer Hall	Christopher Eckdahl	4.00	27/50

CHEM UN2493 ORGANIC CHEM. LAB I TECHNIQUES. 0.00 points.

Lab Fee: \$63.00

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) and (CHEM UN1500 or CHEM UN1507)

Corequisites: CHEM UN2443

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) and (CHEM UN1500 or CHEM UN1507) Corequisites: CHEM UN2443 Techniques of experimental organic chemistry, with emphasis on understanding fundamental principles underlying the experiments in methodology of solving laboratory problems involving organic molecules. Attendance at the first lab lecture and laboratory session is mandatory. Please note that CHEM UN2493 is the first part of a full year organic chemistry laboratory course. Students must register for the lab lecture section (CHEM UN2495) which corresponds to their lab section. Students must attend ONE lab lecture and ONE lab section every other week. Please contact your advisers for further information

Fall 2022: CHEM UN2493

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2493	001/11246	M 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	0.00	23/24
CHEM 2493	002/11248	T 12:00pm - 3:50pm 202a Havemeyer Hall	Talha Siddiqui	0.00	8/24
CHEM 2493	003/11249	T 6:10pm - 10:00pm 202a Havemeyer Hall	Talha Siddiqui	0.00	27/34
CHEM 2493	004/11250	W 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	30/34
CHEM 2493	005/11252	Th 12:00pm - 3:50pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	31/34
CHEM 2493	006/11253	F 11:00am - 2:50pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	28/34
CHEM 2493	007/11254	M 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	0.00	23/24
CHEM 2493	008/11255	T 12:00pm - 3:50pm 202a Havemeyer Hall	Talha Siddiqui	0.00	11/24
CHEM 2493	009/11256	T 6:10pm - 10:00pm 202a Havemeyer Hall	Talha Siddiqui	0.00	16/34
CHEM 2493	010/11257	W 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	32/34
CHEM 2493	011/11258	Th 12:00pm - 3:50pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	24/34
CHEM 2493	012/11259	F 11:00am - 2:50pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	18/34

CHEM UN2495 ORGANIC CHEM. LABORATORY I.
1.50 point.

Corequisites: CHEM UN2493

Corequisites: CHEM UN2493 The course is the lab lecture which accompanies the Organic Chemistry Laboratory I (Techniques) course

Fall 2022: CHEM UN2495

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2495	001/11260	W 4:10pm - 5:25pm 309 Havemeyer Hall	Talha Siddiqui	1.50	58/110
CHEM 2495	002/11261	M 4:10pm - 5:25pm 309 Havemeyer Hall	Anna Ghurbanyan	1.50	89/110
CHEM 2495	003/11262	W 4:10pm - 5:25pm 309 Havemeyer Hall	Talha Siddiqui	1.50	50/110
CHEM 2495	004/11263	M 4:10pm - 5:25pm 309 Havemeyer Hall	Anna Ghurbanyan	1.50	74/110

CHEM UN2545 INTENSIVE ORGANIC CHEM LAB. 3.00 points.

Lab Fee: \$125.

Prerequisites: (CHEM UN2045 and CHEM UN2046) and CHEM UN1507

Prerequisites: (CHEM UN2045 and CHEM UN2046) and CHEM UN1507 The lab is intended for students who have taken Intensive Organic Chemistry, CHEM UN2045 - CHEM UN2046 and who intend to major in Chemistry, Biochemistry, Chemical Physics, or Environmental Chemistry

Fall 2022: CHEM UN2545

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2545	001/11264	M 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3.00	14/13
CHEM 2545	002/11265	T 1:00pm - 6:00pm 202b Havemeyer Hall	Fay Ng	3.00	6/10

CHEM UN3079 PHYSICAL CHEMISTRY I-LECTURES.
4.00 points.

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) or (CHEM UN2045 and CHEM UN2046) and (MATH UN1101 and MATH UN1102) or (MATH UN1207 and MATH UN1208) and (PHYS UN1401 and PHYS UN1402) PHYS UN1201 - PHYS UN1202 is acceptable; PHYS UN1401 - PHYS UN1402 or the equivalent is HIGHLY recommended.

Corequisites: CHEM UN3085

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) or (CHEM UN2045 and CHEM UN2046) and (MATH UN1101 and MATH UN1102) or (MATH UN1207 and MATH UN1208) and (PHYS UN1401 and PHYS UN1402) PHYS UN1201 - PHYS UN1202 is acceptable; PHYS UN1401 - PHYS UN1402 or the equivalent is HIGHLY recommended. Corequisites: CHEM UN3085 Elementary, but comprehensive, treatment of the fundamental laws governing the behavior of individual atoms and molecules and collections of them. CHEM UN3079 covers the thermodynamics of chemical systems at equilibrium and the chemical kinetics of

nonequilibrium systems. Although CHEM UN3079 and CHEM UN3080 are separate courses, students are expected to take both terms sequentially. A recitation section is required. Please check the Directory of Classes for details and also speak with the TA for the course

Fall 2022: CHEM UN3079

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3079	001/11266	M W 8:40am - 9:55am 209 Havemeyer Hall	Xiaoyang Zhu	4.00	31/60

CHEM UN3085 PHYSICL-ANALYTICL LABORATORY I. 4.00 points.

Lab Fee: \$125 per term.

Corequisites: CHEM UN3079

Corequisites: CHEM UN3079 A student-centered experimental course intended for students who are co-registered or have completed CHEM UN3079 and CHEM UN3080. The course emphasizes techniques of experimental physical chemistry and instrumental analysis, including vibrational, electronic, and laser spectroscopy; electroanalytical methods; calorimetry; reaction kinetics; hydrodynamic methods; scanning probe microscopy; applications of computers to reduce experimental data; and computational chemistry. Students must also attend the compulsory Mentoring Session. Please check the Directory of Classes for details

Fall 2022: CHEM UN3085

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3085	001/11267	T 12:00pm - 6:00pm 222 Havemeyer Hall	Luis Avila	4.00	13/15

CHEM UN3098 SUPERVISED INDEPENDENT RES. 4.00 points.

Lab Fee: \$105 per term.

Prerequisites: the instructor's permission for entrance, and the departmental representative's permission for aggregate points in excess of 12 or less than 4.

Prerequisites: the instructors permission for entrance, and the departmental representatives permission for aggregate points in excess of 12 or less than 4. This course may be repeated for credit (see major and concentration requirements). Individual research under the supervision of a member of the staff.

Research areas include organic, physical, inorganic, analytical, and biological chemistry. Please note that CHEM UN3098 is offered in the fall and spring semesters

Fall 2022: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/11268		Vesna Gasperov	4.00	6/25

Spring 2023: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHEM 3098	001/11998		Vesna Gasperov	4.00	17/25
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CHEM UN3920 SENIOR SEMINAR. 2.00 points.
Pass/Fail credit only.

Open to senior chemistry, biochemistry, environmental chemistry, and chemical physics majors; senior chemistry concentrators; and students who have taken or are currently enrolled in CHEM UN3098. Senior seminar provides direct access to modern chemical research through selected studies by the students from active fields of chemical research. Topics to be presented and discussed draw from the current scientific literature and/or UN3098 research

Fall 2022: CHEM UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3920	001/11270	F 2:40pm - 4:30pm 711 Havemeyer Hall	Laura Kaufman	2.00	7/40

BCHM UN3300 BIOCHEMISTRY. 3.00 points.

Prerequisites: one year each of Introductory Biology and General Chemistry. Corequisites: Organic Chemistry. Biochemistry is the study of the chemical processes within organisms that give rise to the immense complexity of life. This complexity emerges from a highly regulated and coordinated flow of chemical energy from one biomolecule to another. This course serves to familiarize students with the spectrum of biomolecules (carbohydrates, lipids, amino acids, nucleic acids, etc.) as well as the fundamental chemical processes (glycolysis, citric acid cycle, fatty acid metabolism, etc.) that allow life to happen. In particular, this course will employ active learning techniques and critical thinking problem-solving to engage students in answering the question: how is the complexity of life possible? NOTE: While Organic Chemistry is listed as a corequisite, it is highly recommended that you take Organic Chemistry beforehand

Fall 2022: BCHM UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCHM 3300	001/13221	T 7:10pm - 9:30pm 602 Hamilton Hall	Danny Ho	3.00	49/80

BIOC GU4501 BIOCHEM I-STRUCTURE/METABOLISM. 4.00 points.

Undergraduates should register for *BIOC UN3501*.

Prerequisites: BIOL UN2005 and BIOL UN2006 and CHEM UN2443 and CHEM UN2444 one year of intro biology and one year of organic chemistry.

In this course, we will study the chemistry of living systems. We will discuss how living systems convert environmental resources into energy, and how they use this energy and these materials to build the molecules required for the diverse functions of life. Finally, we will discuss the applications of such biochemical knowledge to mechanisms of disease and to drug discovery. At a high level, we expect that at the conclusion of the course, you should be able to explain the basic mechanisms by which living systems harness energy from

their environment, how living systems construct the molecules necessary for the functions of life, how these processes go awry in a variety of disease, including cancer, and how drugs can be discovered to treat such diseases. Using this knowledge, you will be able to diagram the major metabolic pathways and compare how these pathways are dysregulated in normal tissues in and disease states. In addition, you will learn which techniques are used to uncover this knowledge and how to design and interpret experiments that will address these questions. You will also collaborate with other students in the analysis and interpretation of biochemical data, and be able to communicate, defend and refute interpretations of data. In this course, we assume familiarity with basic concepts of modern biology, so having completed one year of college-level biology is required. In addition, we explore the reaction mechanisms governing a variety of transformations in metabolism. You must have completed one year of organic chemistry prior to taking this course.

Fall 2022: BIOC GU4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 4501	001/10360	T Th 2:40pm - 3:55pm 303 Uris Hall	Brent Stockwell, Hengrui Liu	4.00	63/64

CHEM GU4071 INORGANIC CHEMISTRY. 4.50 points. CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) or (CHEM UN2045 and CHEM UN2046) , or the equivalent.

Prerequisites: (CHEM UN1403 and CHEM UN1404) or (CHEM UN1604) or (CHEM UN2045 and CHEM UN2046) , or the equivalent. Principles governing the structure and reactivity of inorganic compounds surveyed from experimental and theoretical viewpoints. Topics include inorganic solids, aqueous and nonaqueous solutions, the chemistry of selected main group elements, transition metal chemistry, metal clusters, metal carbonyls, and organometallic chemistry, bonding and resonance, symmetry and molecular orbitals, and spectroscopy

Fall 2022: CHEM GU4071

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4071	001/11728	M W 10:10am - 11:25am 320 Havemeyer Hall	Jonathan Owen	4.50	21/42

CHEM GU4147 ADVANCED ORGANIC CHEMISTRY I. 4.50 points.

Prerequisites: Elementary organic and physical chemistry.
Prerequisites: elementary organic and physical chemistry.
The mechanisms of organic reactions, structure of organic molecules, and theories of reactivity. How reactive intermediates are recognized and mechanisms are deduced using kinetics, stereochemistry, isotopes, and physical measurements

Fall 2022: CHEM GU4147

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4147	001/11730	T Th 8:40am - 9:55am 320 Havemeyer Hall	Tomislav Rovis	4.50	7/42

CHEM GU4148 SYNTHETIC METHODS-ORGANIC CHEM. 4.50 points.

Prerequisites: Organic chemistry.

This course is intended for graduate students and advanced undergraduate students. The main purpose of the course is to introduce students to modern synthetic chemistry via the selected series of topics (synthetic planning and the logic of organic assembly, classical and new reactions/methods and their use in complex target synthesis). Mechanistic underpinning of the discussed reaction processes will also be briefly discussed. For each module (see the content below), specific examples of syntheses of natural products and/or synthetic materials will be provided. In addition to lectures by Prof. Sames, students will select and present relevant papers in the class (the number of student symposia will depend on the final enrollment in this course). The basic knowledge of transition metal chemistry is recommended for the cross-coupling reactions (i.e. structure, electron counting, and elemental reaction types of transition metals)

Fall 2022: CHEM GU4148

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4148	001/11731	T Th 10:10am - 11:25am 320 Havemeyer Hall	Makeda Tekle-Smith	4.50	10/42

CHEM GU4221 QUANTUM CHEMISTRY I. 4.50 points.

Prerequisites: elementary physical chemistry. Basic quantum mechanics: the Schrodinger equation and its interpretation, exact solutions in simple cases, methods or approximations including time-independent and time-dependent perturbation theory, spin and orbital angular momentum, spin-spin interactions, and an introduction to atomic and molecular structure

Fall 2022: CHEM GU4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4221	001/11733	M W 11:40am - 12:55pm 320 Havemeyer Hall	Timothy Berkelbach	4.50	14/42

CHEM GU4230 STATISTICAL THERMODYNAMICS. 4.50 points.

Prerequisites: elementary physical chemistry. Corequisites: CHEM G4221. Topics include the classical and quantum statistical mechanics of gases, liquids, and solids

Fall 2022: CHEM GU4230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4230	001/11734	T Th 11:40am - 12:55pm	Angelo Cacciuto	4.50	10/42

320 Havemeyer
Hall

CHEM GU4312 CHEMICAL BIOLOGY. 4.00 points.

Prerequisites: (CHEM UN2443 and CHEM UN2444) and (CHEM UN3079 and CHEM UN3080) and (BIOC UN3501) , or the equivalent.

Prerequisites: (CHEM UN2443 and CHEM UN2444) and (CHEM UN3079 and CHEM UN3080) and (BIOC UN3501) , or the equivalent. Development and application of chemical methods for understanding the molecular mechanisms of cellular processes. Review of the biosynthesis, chemical synthesis, and structure and function of proteins and nucleic acids. Application of chemical methods--including structural biology, enzymology, chemical genetics, and the synthesis of modified biological molecules--to the study of cellular processes--including transcription, translation, and signal transduction

Fall 2022: CHEM GU4312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4312	001/11735	M W 1:10pm - 2:25pm 320 Havemeyer Hall	Virginia Cornish	4.00	11/42

BIOC GU4323 Biophysical Chemistry I. 4 points.

This course provides a rigorous introduction to the theory underlying widely used biophysical methods, which will be illustrated by practical applications to contemporary biomedical research problems. The course has two equally important goals. The first goal is to explicate the fundamental approaches used by physical chemists to understand the behavior of molecules and to develop related analytical tools. The second goal is to prepare students to apply these methods themselves to their own research projects. The course will be divided into seven modules: (i) solution thermodynamics; (ii) hydrodynamic methods; (iii) statistical analysis of experimental data; (iv) basic quantum mechanics; (v) optical spectroscopy with an emphasis on fluorescence; (vi) nuclear magnetic resonance spectroscopy; and (vii) light-scattering and diffraction methods.

The first three modules will be covered during the fall term. In each module, the underlying physical theories and models will be presented and used to derive the mathematical equations applied to the analysis of experimental data. Weekly recitations will emphasize the analysis of real experimental data and understanding the applications of biophysical experimentation in published research papers.

CHEM GR6168 MATERIALS CHEMISTRY IIA. 2.50 points.

Prerequisites: CHEM UN2443 , or the equivalent.

Prerequisites: CHEM UN2443 , or the equivalent. This is an introductory course to the emerging field macromolecular materials chemistry. The general topics will be based on the chemistry, self-assembly, and performance of block copolymers and conjugated polymers. Particular emphasis will be devoted to the demands required to drive materials from scientific curiosity to commercialization. At the fundamental level,

the course will cover topics on polymerization techniques, electronic structure of organic semiconductors, characterization strategies, nanostructures and self-assembly

SPRING 2023

Please note that some lab fees have increased. You may consult the [Directory of Classes](#) for the most up to date fees.

CHEM UN1403 GENERAL CHEMISTRY I-LECTU. 3.00 points.

Fall 2022: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/11224	M W 10:10am - 11:25am 309 Havemeyer Hall	Gerard Parkin	3.00	219/225
CHEM 1403	002/11222	T Th 10:10am - 11:25am 309 Havemeyer Hall	Xavier Roy	3.00	180/190
CHEM 1403	003/11225	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	3.00	199/190
CHEM 1403	004/11227	M W 6:10pm - 7:25pm 203 Mathematics Building	Robert Beer	3.00	87/120

Spring 2023: CHEM UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/11247	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Ruben Savizky	3.00	116/130
CHEM 1403	AU1/18334	T Th 6:10pm - 7:25pm Othr Other	Ruben Savizky	3.00	10/10

CHEM UN1404 GENERAL CHEMISTRY II-LECTURES. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: CHEM UN1403

Prerequisites: CHEM UN1403 Although CHEM UN1403 and CHEM UN 1404 are separate courses, students are expected to take both terms sequentially. Topics include gases, kinetic theory of gases, states of matter: liquids and solids, chemical equilibria, applications of equilibria, acids and bases, chemical thermodynamics, energy, enthalpy, entropy, free energy, periodic properties, chemical kinetics, and electrochemistry. The order of presentation of topics may differ from the order presented here, and from year to year. Students must ensure they register for the recitation that corresponds to the lecture section. Please check the Directory of Classes for details

Spring 2023: CHEM UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1404	001/11248	T Th 10:10am - 11:25am 309 Havemeyer Hall	Laura Kaufman	4.00	190/190

CHEM 1404	002/11249	M W 8:40am - 9:55am 309 Havemeyer Hall	Angelo Cacciuto	4.00	114/132
CHEM 1404	003/11250	M W 6:10pm - 7:25pm 402 Chandler	Robert Beer	4.00	62/120

CHEM UN1500 GENERAL CHEMISTRY LABORATORY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Lab Fee: \$140.

Corequisites: CHEM UN1403, CHEM UN1404

Corequisites: CHEM UN1403, CHEM UN1404 An introduction to basic lab techniques of modern experimental chemistry, including quantitative procedures and chemical analysis. Students must register for a Lab Lecture section for this course (CHEM UN1501). Please check the Directory of Classes for details. Please note that CHEM UN1500 is offered in the fall and spring semesters. Mandatory lab check-in will be held during the first week of classes in both the fall and spring semesters. You may be asked to serve as research subjects in studies under direction of the faculty while enrolled in this course (CHEM UN1500 Sec 1, 2, 5, 7 and CHEM UN1501 Sec 1). Participation in voluntary

Fall 2022: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/11228	T 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	16/46
CHEM 1500	002/11229	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	46/46
CHEM 1500	003/11231	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	41/46
CHEM 1500	004/11232	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	8/46

Spring 2023: CHEM UN1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/11655	M 2:10pm - 5:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	26/24
CHEM 1500	002/11656	T 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	27/46
CHEM 1500	003/11657	T 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	49/48
CHEM 1500	004/11658	W 8:40am - 12:25pm 302 Havemeyer Hall	Sarah Hansen	3.00	24/46
CHEM 1500	005/11659	W 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	49/48
CHEM 1500	006/11660	Th 1:10pm - 4:50pm 302 Havemeyer Hall	Sarah Hansen	3.00	14/46

CHEM 1500	007/11661	Th 6:10pm - 9:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	53/48
CHEM 1500	008/11662	F 1:10pm - 4:50pm 302 Havemeyer Hall	Joseph Ulichny	3.00	28/26

CHEM UN1507 INTENSVE GENERAL CHEMISTRY-LAB. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Lab Fee: \$140.

Prerequisites: CHEM UN1604 or CHEM UN2045

Corequisites: CHEM UN2045

Prerequisites: CHEM UN1604 or CHEM UN2045 Corequisites: CHEM UN2045 A student-centered experimental course intended for students who are taking or have completed CHEM UN1604 (Second Semester General Chemistry Intensive Lecture offered in Fall), CHEM UN2045 (Intensive Organic Chemistry offered in Fall), or CHEM UN2046 (Intensive Organic Chemistry Lecture offered in Spring). The course will provide an introduction to theory and practice of modern experimental chemistry in a contextual, student-centered collaborative learning environment. This course differs from CHEM UN1500 in its pedagogy and its emphasis on instrumentation and methods. Students must also attend the compulsory Mentoring Session. Please check the Directory of Classes for details. Please note that CHEM UN1507 is offered in the fall and spring semesters

Fall 2022: CHEM UN1507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/11236	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3.00	12/18
CHEM 1507	002/11237	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3.00	7/18

Spring 2023: CHEM UN1507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1507	001/11665	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3.00	18/18
CHEM 1507	002/11666	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3.00	18/18

CHEM UN2045 INTENSVE ORGANIC CHEMISTRY. 4.00 points.

Prerequisites: A grade of 5 on the Chemistry Advanced Placement exam and an acceptable grade on the Department placement exam or an acceptable grade in CHEM UN1604.
Corequisites: CHEM UN1507

Prerequisites: A grade of 5 on the Chemistry Advanced Placement exam and an acceptable grade on the Department placement exam. Corequisites: CHEM UN1507 Premedical students may take CHEM UN2045, CHEM UN2046, CHEM UN1507 and CHEM UN2545 to meet the minimum requirements for admission to medical school. This course covers the same material as CHEM UN2443-CHEM UN2444,

but is intended for students who have learned the principles of general chemistry in high school OR have completed CHEM UN1604 in their first year at Columbia. First year students enrolled in CHEM UN2045-CHEM UN2046 are expected to enroll concurrently in CHEM UN1507. Although CHEM UN2045 and CHEM UN2046 are separate courses, students are expected to take both terms sequentially. A recitation section is required. Please check the Directory of Classes for details and also speak with the TA for the course

Spring 2023: CHEM UN2045

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2045	001/11540	T Th 1:10pm - 2:25pm 209 Havemeyer Hall	Luis Campos	4.00	12/50

**CHEM UN2408 1ST YEAR SEM IN CHEMICAL RES.
1.00 point.**

Prerequisites: CHEM UN1403 or CHEM UN1604 or CHEM UN2045 or the instructor's permission.

Prerequisites: CHEM UN1403 or CHEM UN1604 or CHEM UN2045 or the instructors permission. A one-hour weekly lecture, discussion, and critical analysis of topics that reflect problems in modern chemistry, with emphasis on current areas of active chemical research

Spring 2023: CHEM UN2408

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2408	001/11667	F 12:00pm - 12:50pm 209 Havemeyer Hall	Vesna Gasperov	1.00	30/80

**CHEM UN2444 ORGANIC CHEMISTRY II-LECTURES.
4.00 points.**

Prerequisites: CHEM UN1404 or CHEM UN1604 and CHEM UN1500 and CHEM UN2443

Prerequisites: CHEM UN1404 or CHEM UN1604, CHEM UN1500 and CHEMUN2443. The principles of organic chemistry. The structure and reactivity of organic molecules are examined from the standpoint of modern theories of chemistry. Topics include stereochemistry, reactions of organic molecules, mechanisms of organic reactions, syntheses and degradations of organic molecules, and spectroscopic techniques of structure determination. Although CHEM UN2443 and CHEM UN2444 are separate courses, students are expected to take both terms sequentially. Students must ensure they register for the recitation which corresponds to the lecture section. Please check the Directory of Classes for details

Spring 2023: CHEM UN2444

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2444	001/11543	M W 11:40am - 12:55pm 309 Havemeyer Hall	Christopher Eckdahl	4.00	152/150
CHEM 2444	002/11544	M W 6:10pm - 7:25pm 309 Havemeyer Hall	Charles Doubleday	4.00	92/120

CHEM 2444	003/19453	T Th 11:40am - 12:55pm 309 Havemeyer Hall	James Leighton	4.00	49/60
CHEM 2444	AU2/18469	M W 6:10pm - 7:25pm Othr Other	Charles Doubleday	4.00	1/10

**CHEM UN2494 ORGANIC CHEM. LAB II SYNTHESIS.
0.00 points.**

Lab Fee: \$62.00

Prerequisites: (CHEM UN1403 and CHEM UN1404) and CHEM UN1500 and CHEM UN2493

Corequisites: CHEM UN2444

Prerequisites: CHEM W1403-CHEM W1404; CHEM W1500; CHEM W2493. Corequisites: CHEM W2444. Please note that you must complete CHEM W2493 before you register for CHEM W2494. This lab introduces students to experimental design and trains students in the execution and evaluation of scientific data. The technique experiments in the first half of the course (CHEM W2493) teach students to develop and master the required experimental skills to perform the challenging synthesis experiments in the second semester. The learning outcomes for this lab are the knowledge and experimental skills associated with the most important synthetic routes widely used in industrial and research environments. Attendance at the first lab lecture and laboratory session is mandatory. Please note that CHEM W2494 is the second part of a full year organic chemistry laboratory course. Students must register for the lab lecture section (CHEM W2496) which corresponds to their lab section. Students must attend ONE lab lecture and ONE lab section every other week. Please contact your advisors for further information

Spring 2023: CHEM UN2494

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2494	001/11980	M 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	0.00	17/24
CHEM 2494	002/11981	T 12:00pm - 3:50pm 202a Havemeyer Hall	Talha Siddiqui	0.00	13/24
CHEM 2494	003/11982	T 6:10pm - 10:00pm 202a Havemeyer Hall	Talha Siddiqui	0.00	23/34
CHEM 2494	004/11983	W 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	32/34
CHEM 2494	005/11984	Th 12:00pm - 3:50pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	21/34
CHEM 2494	006/11985	F 11:00am - 2:50pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	25/34
CHEM 2494	007/11986	M 1:10pm - 5:00pm 202a Havemeyer Hall	Talha Siddiqui	0.00	17/24
CHEM 2494	008/11987	T 12:00pm - 3:50pm 202a Havemeyer Hall	Talha Siddiqui	0.00	11/24

CHEM 2494	009/11988	T 6:10pm - 10:00pm 202a Havemeyer Hall	Talha Siddiqui	0.00	26/34
CHEM 2494	010/11989	W 1:10pm - 5:00pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	28/34
CHEM 2494	011/11990	Th 12:00pm - 3:50pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	14/34
CHEM 2494	012/11991	F 11:00am - 2:50pm 202a Havemeyer Hall	Anna Ghurbanyan	0.00	23/34

CHEM UN2496 ORGANIC CHEM. LABORATORY II. **1.50 points.**

Corequisites: CHEM UN2494

The course is the lab lecture which accompanies the Organic Chemistry Laboratory II (Synthesis) course.

Spring 2023: CHEM UN2496

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2496	001/11992	W 4:10pm - 5:25pm 309 Havemeyer Hall	Talha Siddiqui	1.50	55/110
CHEM 2496	002/11994	M 4:10pm - 5:25pm 309 Havemeyer Hall	Anna Ghurbanyan	1.50	77/140
CHEM 2496	003/11995	W 4:10pm - 5:25pm 309 Havemeyer Hall	Talha Siddiqui	1.50	54/110
CHEM 2496	004/11996	M 4:10pm - 5:25pm 309 Havemeyer Hall	Anna Ghurbanyan	1.50	65/140

CHEM UN3080 PHYSICAL CHEMISTRY II-LECTURES. **4.00 points.**

Prerequisites: CHEM UN3079

Corequisites: CHEM UN3086

Prerequisites: CHEM UN3079 Corequisites: CHEM UN3086
CHEM UN3080 covers the quantum mechanics of atoms and molecules, the quantum statistical mechanics of chemical systems, and the connection of statistical mechanics to thermodynamics. Although CHEM UN3079 and CHEM UN3080 are separate courses, students are expected to take both terms sequentially. A recitation section is required. Please check the Directory of Classes for details and also speak with the TA for the course

Spring 2023: CHEM UN3080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3080	001/11545	M W 10:10am - 11:25am 209 Havemeyer Hall	Milan Delor	4.00	28/60

CHEM UN3086 PHYSICAL-CHEMISTRY LABORATORY II. **4.00 points.**

Lab Fee: \$125 per term.

Prerequisites: CHEM UN3085 , CHEM UN3080 is acceptable corequisite for CHEM UN3086.

Prerequisites: CHEM UN3085 , CHEM UN3080 is acceptable corequisite for CHEM UN3086. A student-centered experimental course intended for students who are co-registered or have complete CHEM UN3079 and CHEM UN3080.

The course emphasizes techniques of experimental physical chemistry and instrumental analysis, including vibrational, electronic, and laser spectroscopy; electroanalytical methods; calorimetry; reaction kinetics; hydrodynamic methods; scanning probe microscopy; applications of computers to reduce experimental data; and computational chemistry. Students must also attend the compulsory Mentoring Session. Please check the Directory of Classes for details

Spring 2023: CHEM UN3086

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3086	001/11997	T 12:00pm - 6:00pm 222 Havemeyer Hall	Luis Avila	4.00	12/15

CHEM UN3098 SUPERVISED INDEPENDENT RES. **4.00 points.**

Lab Fee: \$105 per term.

Prerequisites: the instructor's permission for entrance, and the departmental representative's permission for aggregate points in excess of 12 or less than 4.

Prerequisites: the instructors permission for entrance, and the departmental representatives permission for aggregate points in excess of 12 or less than 4. This course may be repeated for credit (see major and concentration requirements). Individual research under the supervision of a member of the staff. Research areas include organic, physical, inorganic, analytical, and biological chemistry. Please note that CHEM UN3098 is offered in the fall and spring semesters

Fall 2022: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/11268		Vesna Gasperov	4.00	6/25

Spring 2023: CHEM UN3098

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/11998		Vesna Gasperov	4.00	17/25

CHEM UN3546 ADVANCED ORGANIC CHEMISTRY LAB. **3.00 points.**

Laboratory Fee: \$125.

Prerequisites: CHEM UN2493 and CHEM UN2494 , or the equivalent.

Prerequisites: CHEM UN2493 and CHEM UN2494 , or the equivalent. A project laboratory with emphasis on complex synthesis and advanced techniques including qualitative organic analysis and instrumentation

Spring 2023: CHEM UN3546

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3546	001/11999	M 1:00pm - 6:00pm	Fay Ng	3.00	5/10

CHEM 3546	002/12000	202b Havemeyer Hall	Fay Ng	3.00	4/10
		T 1:00pm - 6:00pm			
		202b Havemeyer Hall			

CHEM GU4102 CHEMISTRY FOR THE BRAIN. 4.50 points.

This course was upgraded from 2.5 to 4.5 and assigned a new number.

Prerequisites: Organic chemistry and biology courses, neuroscience or neurobiology recommended, but not required.

Prerequisites: Organic chemistry and biology courses, neuroscience or neurobiology recommended, but not required.

The study of the brain is one of the most exciting frontiers in science and medicine today. Although neuroscience is by nature a multi-disciplinary effort, chemistry has played many critical roles in the development of modern neuroscience, neuropharmacology, and brain imaging. Chemistry, and the chemical probes it generates, such as molecular modulators, therapeutics, imaging agents, sensors, or actuators, will continue to impact neuroscience on both preclinical and clinical levels. In this course, two major themes will be discussed. In the first one, titled Imaging brain function with chemical tools, we will discuss molecular designs and functional parameters of widely used fluorescent sensors in neuroscience (calcium, voltage, and neurotransmitter sensors), their impact on neuroscience, pros and cons of genetically encoded sensors versus chemical probes, and translatability of these approaches to the human brain. In the second major theme, titled Perturbation of the brain function with chemical tools, we will examine psychoactive substances, the basics of medicinal chemistry, brain receptor activation mechanisms and coupled signaling pathways, and their effects on circuit and brain function. We will also discuss recent approaches, failures and successes in the treatment of neurodegenerative and psychiatric disorders. Recent advances in precise brain function perturbation by light (optogenetics and photopharmacology) will also be introduced. In the context of both themes we will discuss the current and future possibilities for the design of novel materials, drawing on the wide molecular structural space (small molecules, proteins, polymers, nanomaterials), aimed at monitoring, modulating, and repairing human brain function. This course is intended for students (undergraduate and graduate) from the science, engineering and medical departments

Spring 2023: CHEM GU4102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4102	001/12566	T Th 10:10am - 11:25am 320 Havemeyer Hall	Dalibor Sames	4.50	17/21

CHEM GU4103 ORGANOMETALLIC CHEMISTRY. 4.50 points.

Prerequisites: (CHEM UN2443 and CHEM UN2444) , or the equivalent. Some background in inorganic and physical chemistry is helpful but not required.

Main group and transition metal organometallic chemistry: bonding, structure, reactions, kinetics, and mechanisms.

Spring 2023: CHEM GU4103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4103	001/12567	T Th 8:40am - 9:55am 320 Havemeyer Hall	Jack Norton	4.50	6/42

CHEM GU4104 STRUCTURAL METHODS IN INORGANIC CHEMISTR. 2.50 points.

The determination of structures by diffraction methods, focusing on single crystal X-ray diffraction, is described. Emphasis is placed on a critical evaluation of published data.

Spring 2023: CHEM GU4104

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4104	001/12879	M W 8:40am - 9:55am 320 Havemeyer Hall	Gerard Parkin	2.50	10/42

CHEM GU4145 NMR SPECTROSCOPY. 1.00 point.

Prerequisites: elementary organic chemistry.

Prerequisites: elementary organic chemistry. Introduction to theory and practice of NMR spectroscopy. Instrumental aspects, basic NMR theory, NOE, and a survey of 2D methods are covered

Spring 2023: CHEM GU4145

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4145	001/12572	F 11:00am - 11:50am 320 Havemeyer Hall	John Decatur	1.00	9/42

CHEM GU4232 INTRO TO MOLECULAR MODELING. 4.50 points.

Prerequisites: physical chemistry sequence.

Molecular modeling has become an integral part of research in many areas of chemistry, and in industry in drug discovery and materials design. Many experimental papers in the literature are routinely complemented by molecular modeling calculations. Experimental scientists working in industry have a significant advantage if they know how to optimally use modeling software. The course would consist of a normal lecture part plus a lab session every week in which the students learn to use modeling software by working on projects.

Spring 2023: CHEM GU4232

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4232	001/13230	M W 1:10pm - 2:25pm	Richard Friesner	4.50	10/42

320 Havemeyer
Hall

Alice
Heicklen

CHEM GU4313 Peptide and Protein Chemistry. 4.00 points.

The goal of this course is to explore how chemical methods and concepts have impacted our ability to understand and manipulate protein structure and function. We will navigate this subject through a combination of lectures and structured discussions on research articles from the literature. The course is divided into three segments: (1) In the first part, we will review the rudiments of protein structure and function, then delve into various aspects of enzyme chemistry and polypeptide biosynthesis. (2) In the second part of the course, we will cover synthetic methods to produce and chemically modify peptides and proteins. (3) In the final part, we will discuss chemical approaches to control protein function and monitor protein activity, focusing on methods that use small molecules and mass spectrometry proteomics

Spring 2023: CHEM GU4313

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4313	001/12575	T Th 1:10pm - 2:25pm 320 Havemeyer Hall	Neel Shah	4.00	16/20

CHEM GU4324 BIOPHYSICAL CHEMISTRY II. 4.50 points.

Spring 2023: CHEM GU4324

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4324	001/12576	T F 4:10pm - 5:25pm 320 Havemeyer Hall	Ann McDermott, Ruben Gonzalez	4.50	9/42

BIOC GU4512 MOLECULAR BIOLOGY. 3.00 points.

Prerequisites: one year of biology. Recommended but not required: BIOC UN3501

Prerequisites: one year of biology. This is a lecture course designed for advanced undergraduates and graduate students. The focus is on understanding at the molecular level how genetic information is stored within the cell and how it is regulated. Topics covered include genome organization, DNA replication, transcription, RNA processing, and translation. This course will also emphasize the critical analysis of the scientific literature and help students understand how to identify important biological problems and how to address them experimentally. SPS and TC students may register for this course, but they must first obtain the written permission of the instructor, by filling out a paper Registration Adjustment Form (Add/Drop form). The form can be downloaded at the URL below, but must be signed by the instructor and returned to the office of the registrar. <http://registrar.columbia.edu/sites/default/files/content/reg-adjustment.pdf>

Spring 2023: BIOC GU4512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 4512	001/14195	M W 2:40pm - 3:55pm 141 Uris Hall	James Manley,	3.00	51/60

CHEM GR6169 MATERIALS CHEMISTRY IIB. 2.50 points.

Prerequisites: CHEM UN2443 , or the equivalent.
Prerequisites: CHEM UN2443 , or the equivalent

CHEM GR6222 QUANTUM CHEMISTRY II. 2.50 points.

Prerequisites: CHEM GU4221
Prerequisites: CHEM GU4221 Atomic and molecular quantum mechanics: fundamentals of electronic structure, many-body wave functions and operators, Hartree-Fock and density functional theory, the Dirac equation

CHEM GR6231 INTERMEDIATE STATISTICAL MECH. 2.50 points.

Prerequisites: CHEM GU4221 and CHEM GU4230
Phase transitions and critical phenomena; renormalization group methods; classical theory of fluids.

CHEM G8130 The Chemistry of Nanocrystals. 2.5 points.

This course will provide a discussion of the thermodynamics and kinetics of colloidal crystallization and stabilization, the physical properties of quantum confined semiconductor and metal nanocrystals, methods of nanocrystal characterization, and examples of nanocrystals in technological applications. Prospective students should be familiar with basic principles of quantum mechanics, thermodynamics of phase transitions, and inorganic chemistry – particularly molecular orbital theory. Undergraduate students interested in this course should obtain approval from the instructor prior to registering.

CHEM GR8232 ADV STATISTICAL MECHANICS. 2.50 points.

Prerequisites: CHEM GU4221 and CHEM GU4230 , or their equivalents.
Stochastic processes; Brownian motion; Langevin equations and fluctuation-dissipation theorems; reaction rate theory; time correlation functions and linear response theory.

CHEM GR8223 QUANTUM CHEMISTRY III. 2.50 points. Not offered during 2022-23 academic year.

Prerequisites: CHEM G6222.
Nonlinear spectroscopy: second harmonic and vibrational sum frequency generation; applications to surface and colloidal nano-microparticle interfaces; nonradiative molecular processes.

CHEM G8300 Biophotonics. 2.5 points. Not offered during 2022-23 academic year.

Biophotonics tools are changing the way many biological problems are addressed by revealing direct and precious visualization information inside live cells, tissues and organisms. This interdisciplinary course will not only provide fundamental knowledge of optics, laser, microscopy, linear and nonlinear molecular spectroscopy, but also introduce physical principles of various emerging microscopy techniques including

single-molecule biophysics, multi-photon microscopy, label-free chemical imaging, super-resolution imaging, novel molecular probes, optical coherence tomography and emerging technology. A few guest lectures from expert instructors across the campus are expected.

COURSES OFFERED IN ALTERNATE YEARS

Please contact the Undergraduate Program Manager, Vesna Gasperov (vg2231@columbia.edu), for further information.

CHEM GU4103 ORGANOMETALLIC CHEMISTRY. 4.50 points.

Prerequisites: (CHEM UN2443 and CHEM UN2444), or the equivalent. Some background in inorganic and physical chemistry is helpful but not required.

Main group and transition metal organometallic chemistry: bonding, structure, reactions, kinetics, and mechanisms.

Spring 2023: CHEM GU4103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4103	001/12567	T Th 8:40am - 9:55am 320 Havemeyer Hall	Jack Norton	4.50	6/42

CHEM GU4104 STRUCTURAL METHODS IN INORGANIC CHEMISTR. 2.50 points.

The determination of structures by diffraction methods, focusing on single crystal X-ray diffraction, is described. Emphasis is placed on a critical evaluation of published data.

Spring 2023: CHEM GU4104

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4104	001/12879	M W 8:40am - 9:55am 320 Havemeyer Hall	Gerard Parkin	2.50	10/42

CHEM GU4111 APPLICATIONS OF NMR SPECTROSCOPY TO INOR. 2.50 points.

The use of multinuclear NMR spectroscopy in the determination of the structures of inorganic molecules and the use of dynamic NMR spectroscopy (variable temperature NMR and magnetization transfer techniques) to provide information concerned with reaction mechanisms

CHEM GU4154 Chemical Characterization for Synthetic Chemists. 3 points.

Prerequisites: Columbia University's laboratory safety certification is required. One year each of (i) general chemistry lecture/lab; (ii) organic or inorganic chemistry lecture/lab; and (iii) research experience in a chemistry lab are recommended. This course will teach synthetic chemists to use mass spectrometry, analytical chromatography, and single-crystal X-ray diffraction as tools for research in synthetic chemistry. The teaching approach will be practical with an emphasis on hands-on experience. Students will gain: (1) A user-level

understanding of the theory of these analytical methods. (2) Hands-on proficiency with a variety of instruments available at Columbia. (3) An introduction to advanced instrument capabilities and an awareness of their applications. (4) Proficiency in processing and interpreting data.

CHEM GU4210 Writing Workshop for Chemists. 1 point.

Prerequisites: recommended for undergraduate students to have taken at least one semester of independent research.

This course offers undergraduate and graduate students an introduction to scientific writing and provides an opportunity for them to become more familiar with the skill and craft of communicating complex scientific research. This course will provide students with the basic grammatical, stylistic and practical skills required to write effective academic journal articles, theses, or research proposals. In addition, through an innovative partnership with Columbia University Libraries' Digital Science Center, students will learn how to apply these basic skills to their writing through the use of state-of-the-art software and on-line resources. Regular opportunities to write, peer edit and revise throughout the semester will allow students to put what they are learning into immediate practice. It is recommended that undergraduates have taken at least one semester of research for credit before taking this course. Undergraduates should plan to take this course after taking the required Core course University Writing.

CHEM GR6168 MATERIALS CHEMISTRY IIA. 2.50 points.

Prerequisites: CHEM UN2443, or the equivalent.

Prerequisites: CHEM UN2443, or the equivalent. This is an introductory course to the emerging field of macromolecular materials chemistry. The general topics will be based on the chemistry, self-assembly, and performance of block copolymers and conjugated polymers. Particular emphasis will be devoted to the demands required to drive materials from scientific curiosity to commercialization. At the fundamental level, the course will cover topics on polymerization techniques, electronic structure of organic semiconductors, characterization strategies, nanostructures and self-assembly

CHEM GR6169 MATERIALS CHEMISTRY IIB. 2.50 points.

Prerequisites: CHEM UN2443, or the equivalent.

Prerequisites: CHEM UN2443, or the equivalent

CHEM GR6222 QUANTUM CHEMISTRY II. 2.50 points.

Prerequisites: CHEM GU4221

Prerequisites: CHEM GU4221 Atomic and molecular quantum mechanics: fundamentals of electronic structure, many-body wave functions and operators, Hartree-Fock and density functional theory, the Dirac equation

CHEM GR6231 INTERMEDIATE STATISTICAL MECH. 2.50 points.

Prerequisites: CHEM GU4221 and CHEM GU4230

Phase transitions and critical phenomena; renormalization group methods; classical theory of fluids.

CHEM GR8106 KINETICS. 2.50 points.
Not offered during 2022-23 academic year.

Kinetics and mechanisms of inorganic reactions.

CHEM GR8120 Polymers in Nanotechnology. 2.5 points.
 Polymeric materials have long been ubiquitous items and played important roles in revolutionizing the way we live. Due to the advent of modern polymerization fabrication strategies, polymers are rapidly gaining interest for the development of next generation devices and medical treatment. This course will focus on the chemistry polymers and their use as nanostructured materials created by self-assembly and top-down fabrication techniques. Specifically, the class will be divided into two sections describing the uses of organic nanostructures on a) surfaces and b) as particles. Patterned surfaces will be described in terms of photo-, imprint-, and block copolymer lithography. The preparation of nanoparticles through polymer synthesis, dendrimers, and mechanical manipulation will be the second part.

CHEM GR8223 QUANTUM CHEMISTRY III. 2.50 points.
Not offered during 2022-23 academic year.

Prerequisites: *CHEM G6222*.

Nonlinear spectroscopy: second harmonic and vibrational sum frequency generation; applications to surface and colloidal nano-microparticle interfaces; nonradiative molecular processes.

CHEM GR8232 ADV STATISTICAL MECHANICS. 2.50 points.

Prerequisites: CHEM GU4221 and CHEM GU4230, or their equivalents.

Stochastic processes; Brownian motion; Langevin equations and fluctuation-dissipation theorems; reaction rate theory; time correlation functions and linear response theory.

CHEM GR8349 Research Ethics & Philosophy. 2.5 points.

This lecture course aims to address philosophical and ethical questions in scientific research. What are the most important traits of successful scientists whose discoveries have greatly benefited humanity (and led to Nobel Prizes)? What distinguishes great science from mediocre or pathological "science"? What are the ethical standards of scientific research? How do we identify scientific misconduct or fraud?

Why are ethical standards so critical to the integrity of the research enterprise? The course requires extensive participation of students in the form of discussions and debates. Grades will be based on participation, writing assignments, and one oral presentation.

CLASSICS

Departmental Office: 617 Hamilton; 212-854-3902;
classics@columbia.edu
<http://www.columbia.edu/cu/classics/>

Director of Undergraduate Studies (Classics): Prof. Marcus Folch; 212-853-8016; mf2664@columbia.edu -- as of July 1, 2021

Director of Undergraduate Studies (Modern Greek Studies): Prof. Nikolas Kakkoufa; 212-854-3902; nk2776@columbia.edu

Director of Academic Administration and Finance: Juliana Driever; 212-854-2726; jd2185@columbia.edu

When one visits Rome or Athens, they also visit the many layers of physical, historical, and cultural development that have contributed to the complex evolution of those cities. When one tours the Roman Forum or the Greek Parthenon, they set foot on monuments whose physical impressiveness symbolizes political strength and historical importance; in a very physical way they experience the past. When one studies Latin and Greek language and culture, they embark on a tour of an alternative kind, making their way through texts and other cultural forms—such as paintings, sculptures, and philosophical ideas—that bring them directly into contact with the Greco-Roman past. Literature, philosophy, history, art and architecture, linguistics, papyrology, religion: all (and more) are branches of investigation to which the modern student of classics/classical studies has access through the surviving literary and material evidence.

But when one studies in the original language Virgil's *Aeneid*, say, or Plato's philosophical writings, they find that ancient Greek or Latin literature deals with issues and ideas that are, for us, of central contemporary importance: e.g., How can I be happy? What is the best political constitution for our (or any) state? What responsibilities do I have to the society in which I live? What national significance is served or owed by literature?

The study of Greek and Latin language and culture concentrates in one main area (ancient Greece and Rome) and on many of the questions that are of direct pertinence to the ways in which modern lives are shaped and lived; at the same time, Greco-Roman literature and philosophy, so fundamental to the later development of the Western tradition, boast works of great intrinsic worth and interest. While all Columbia students get an introduction to classical texts in *Literature Humanities* and *Contemporary Civilization*, classics/classical studies provides a more advanced study of ancient cultural issues and habits of mind already sampled in the Core.

Study abroad in Greece or Italy offers a variety of educational experiences that are continuous with those of the major, enriching both linguistic expertise and cultural awareness.

Students in classics have the opportunity to take part in archaeological digs abroad and, on occasion, to assist faculty in research projects that require, for example, bibliographical collection or the checking of research data.

Many majors pursue graduate study in classics and classical studies. Upon earning their graduate degrees, they often embark on teaching careers in universities, colleges, and high schools. Many graduating majors also enter a number of other professional fields, among them law, banking, accountancy, publishing, and museum-work. Employers tend to find that students in classics are articulate on paper, as well as orally; are organized of mind; and have good skills in general reasoning, an ability developed by the study of Greek and Latin language. In effect, the study of classics opens up a wide array of options, both in education and in the wider world.

The program of the department aims for a comprehensive understanding of classical literature and culture, and the mastery of Greek and Latin on which such understanding depends. Careful study of the language occupies the largest part of the first-year courses and is not omitted in the more advanced courses. Although literature becomes the chief subject only in the advanced courses, important authors like Homer, Plato, and Virgil are studied as literary texts already in the intermediate courses. A wide variety of courses are offered in translation.

Through a joint program with Barnard, the department offers a broad range of subjects. The department annually offers four advanced courses in each language (at the 3000- or 4000-level), the content of which changes each year in order to provide a curricular range and to balance authors and genres over a two-year period.

Opportunities for individual projects of reading and research are available. Students are also permitted to take graduate courses if they are sufficiently prepared. Additionally, they can supplement their studies within the department through work in other departments, such as art history and archaeology, history, philosophy, and the other departments of languages and literature.

It is not necessary to have previously studied either language in order to major in it. A student starting Greek or Latin at Columbia can meet all the requirements of a major within an ordinary undergraduate program.

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

Students beginning the study of Greek or Latin at Columbia must take four terms of either of the following two-year sequences:

Greek

GREK UN1101	ELEMENTARY GREEK I
- GREK UN1102	and ELEMENTARY GREEK II

GREK UN2101
- GREK UN2102

INTERMEDIATE GREEK:
PROSE
and INTERMEDIATE GREEK II:
HOMER

Latin

LATN UN1101	ELEMENTARY LATIN I
- LATN UN1102	and ELEMENTARY LATIN II
LATN UN2101	INTERMEDIATE LATIN I
- LATN UN2102	and INTERMEDIATE LATIN II

With the permission of the director of undergraduate studies, GREK UN2102 INTERMEDIATE GREEK II: HOMER may be taken before GREK UN2101 INTERMEDIATE GREEK: PROSE.

The intensive elementary courses GREK UN1121 INTENSIVE ELEMENTARY GREEK and LATN UN1121 INTENSIVE ELEMENTARY LATIN may be substituted for the two-term *UN1101-UN1102* sequence. The intensive intermediate courses GREK S2121Q Intensive Intermediate Greek: Poetry and Prose and LATN S2121Q Intensive Intermediate Latin: Poetry and Prose may be substituted for the two-term *UN2101-UN2102* sequence.

LATN UN2101 INTERMEDIATE LATIN I should be taken before LATN UN2102 INTERMEDIATE LATIN II.

For students with secondary-school training in Greek or Latin, the director of undergraduate studies determines, on the basis of records and test scores, what further work is needed to fulfill the language requirement.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the Latin AP exam, which also satisfies the foreign language requirement, upon successful completion (with a grade of B or higher) of a Latin class at the 3000-level or higher.

MAJOR PROGRAM

The department offers a major in classics and a major track in classical studies. The major in classics involves the intensive study of both Greek and Latin, as well as their cultural matrix; the track in classical studies offers a more interdisciplinary approach. The major in classics is recommended for students planning to continue the study of classics in graduate school. The department also participates in the interdepartmental ancient studies program and offers a concentration in classics; these are all described below.

The major in classics and the track in classical studies are designed in part to build on the experience of the ancient world that undergraduates have acquired at Columbia in the Core Curriculum (especially in *Literature Humanities*). The major in classics is structured on the principle of gradual and closely monitored linguistic progress from the elementary (1100-level) to the advanced (3000- and 4000-levels) and ultimately to the

literature survey courses (*GU4105-GU4106*) in Greek and/or Latin.

Those majors intending to embark on graduate study in classics are especially encouraged to undertake, in their senior year, an independent research project (*UN3998*). This option is designed to allow students to personalize their experience in the major by conducting advanced study in a specialized area under the guidance of the specializing faculty member of their choice.

UN3998 is required in the classical studies track. Otherwise, students in classical studies are not required to take advanced courses beyond *UN3996 The Major Seminar*, but are expected to follow a coherent plan of study by taking a sequence of cognate courses in different but related departments (e.g., art history and archaeology, history, etc.).

The director of undergraduate studies is responsible for overseeing the path of study followed by each student in classics or classical studies. Through close interaction with the director of undergraduate studies, as well as with other faculty members where appropriate, each major is strongly encouraged to debate the strengths and weaknesses of his or her own trajectory of study even as the requirements for the major are being completed.

Students should contact the director of undergraduate studies with any questions about the classics majors and course offerings. The director of undergraduate studies can provide students with a worksheet to help in planning their progress toward major requirements.

PROFESSORS

Kathy Eden
Helene P. Foley (Barnard)
Carmela V. Franklin
Stathis Gourgouris
John Ma (Chair, AY 22-23)
Kristina Milnor (Barnard, Chair)
Seth R. Schwartz
Deborah T. Steiner
Karen Van Dyck
Katharina Volk
Gareth D. Williams
Nancy Worman (Barnard)

ASSOCIATE PROFESSORS

Marcus Folch
Joseph Howley
Elizabeth Irwin
Ellen Morris (Barnard)

ASSISTANT PROFESSORS

Alan Ross

SENIOR LECTURER

Elizabeth Scharffenberger

LECTURERS

Dimitrios Antoniou
Nikolas Kakkoufa
Darcy Krasne

MAJOR IN CLASSICS

The major in classics involves a program in both Greek and Latin languages and literatures, and in Greek and Roman civilization. Students generally emphasize the study of one of the languages (the primary language), but significant study of the other (secondary) language is required as well.

The major requires the completion of 11 courses (a minimum of 34 points) and must include the following:

1. In a primary language:
 - Four courses at or above the *UN2100*-level;
 - *The Major Seminar UN3996*;
 - Two courses from the following four advanced options: *GU4105*, *GU4106*, *GU4139*, *UN3998* (any others may count toward the four upper level requirement).
2. In a secondary language:
 - Two courses at or above the *UN2100*-level.
3. Two ancient culture courses, including:
 - One course in the culture of the primary language;
 - One course in any aspect of ancient history or culture (*HIST*, *AHIS*, *PHIL*, *CLLT*, *CLCV*). All substitutions must be approved by the director of undergraduate studies.

The classical languages follow a standard track of elementary (*1100*-level) and intermediate (*2100*-level) levels, followed by *3000*- and *4000*-level classes that may generally be taken in any order.

Although it is easier to complete the major if at least one classical language is begun no later than the first year, it is possible to begin one classical language in the sophomore year and the other in the junior year and still complete the major.

Those planning to go on to graduate study in classics are urged to take both terms of *GU4105-GU4106* if possible, to write a senior research thesis, and to acquire a reading knowledge of German and preferably also of French (Italian is also useful).

To be eligible for departmental honors and prizes, students must take *UN3998*.

MAJOR TRACK IN CLASSICAL STUDIES

The major track in classical studies requires the completion of 11 courses (a minimum of 35 points) and must include the following:

1. Five courses, at or above the UN1102-level, in either or both Latin and Greek;
2. *The Major Seminar UN3996*;
3. Four classes in Ancient History, Art, Philosophy, Religion, and Civilization. Note that certain courses may be 6 credits, e.g., ICCS's *City of Rome* course, and may count as two courses towards this requirement. Students in doubt about a course's relevance should confirm it with the director of undergraduate studies as soon as possible;
4. *Senior Thesis UN3998*, completed on a chosen aspect of Greek or Roman civilization under the direction of a faculty member (3 points).

Summer courses 1221/1221 are counted as four credits for the purposes of major requirements.

MAJOR IN ANCIENT STUDIES

Students interested in a major in ancient studies should see the *Ancient Studies* section in this Bulletin.

CONCENTRATION IN CLASSICS

Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The concentration in classics is designed for those who cannot fit the complete major into their undergraduate schedule, but still wish to take a substantial program in Greek and Latin.

The concentration requires the completion of seven courses (a minimum of 21 points) and must include the following:

1. In a primary language, six courses distributed as follows:
 - Five courses above the 1100-level, three of which must be 3000- or 4000-level;
 - One course from the following three advanced options: *GU4105*, *GU4106*, *GU4139*.
2. One course in Ancient History or Classical Civilization (3 points).

SPECIAL CONCENTRATION IN HELLENIC STUDIES

The courses in the Hellenic Studies program are designed to develop the student's proficiency in aspects of Modern Greek culture, language, and history. The minimum credit

requirement for the Hellenic Studies Concentration is 21 credits and includes:

1. Modern Greek language and culture courses (Elementary, Intermediate, Advanced, Conversation I & II, Reading in Greek; minimum 8 credits). Students will work with undergraduate advisor to determine their level of the language,
2. Modern Greek Studies interdepartmental courses (CLGM, CSGM, HSGM; minimum 12 credits). The program of study should be planned as early as possible with the Director of Undergraduate Studies. Students meet with the Director of Undergraduate Studies each semester in order to obtain program approval. Opportunities exist for study abroad in Greece, Cyprus and Turkey for the summer or an academic term for credit. Students work closely with the concentration advisor on the selection of the foreign schools and the transfer of credit.

Students may also wish to write a Senior Thesis which will substitute one Modern Greek Studies interdepartmental seminar. While not required for graduation, the thesis enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the student's junior year. Interested students should identify a potential faculty advisor.

LATIN

LATN UN1101 ELEMENTARY LATIN I. 4.00 points.

For students who have never studied Latin. An intensive study of grammar with reading of simple prose and poetry

Fall 2022: LATN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1101	001/11703	T Th F 10:10am - 11:25am 305 Uris Hall	Melody Wauke	4.00	11/15
LATN 1101	002/11704	M W 6:10pm - 8:00pm 607 Hamilton Hall	Izzy Levy	4.00	13/15

Spring 2023: LATN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1101	001/11688	T Th 6:10pm - 8:15pm 609 Hamilton Hall	Brett Stine	4.00	12/15

LATN UN1102 ELEMENTARY LATIN II. 4.00 points.

Prerequisites: *LATN UN1101*.

Prerequisites: LATN UN1101. A continuation of LATN UN1101, including a review of grammar and syntax for students whose study of Latin has been interrupted

Fall 2022: LATN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1102	001/11706	T Th 4:10pm - 6:00pm 609 Hamilton Hall	Jose Antonio Cancino Alfaro	4.00	8/15

Spring 2023: LATN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 1102	001/13085	T Th F 10:10am - 11:25am 616 Hamilton Hall	Melody Wauke	4.00	12/15
LATN 1102	002/13086	M W 6:10pm - 8:00pm 509 Hamilton Hall	Izzy Levy	4.00	9/15

LATN UN1121 INTENSIVE ELEMENTARY LATIN. 4.00 points.

Fall 2022: LATN UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1121	001/11707	M W 6:10pm - 8:00pm 613 Hamilton Hall	Lien Van Geel	4.00	7/15
LATN 1121	AU1/19953	M W 6:10pm - 8:00pm 613 Hamilton Hall	Lien Van Geel	4.00	1/5

Spring 2023: LATN UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1121	001/11689	T Th 6:10pm - 8:00pm 616 Hamilton Hall	Erin Petrella	4.00	8/15

LATN UN2101 INTERMEDIATE LATIN I. 4.00 points.

Prerequisites: *LATN UN1101-UN1102*, or *LATN UN1121*, or the equivalent.

Prerequisites: *LATN UN1101-UN1102*, or *LATN UN1121*, or the equivalent. Selections from Catullus and from Cicero or Caesar

Fall 2022: LATN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2101	001/11709	T Th F 10:10am - 11:25am 609 Hamilton Hall	Emma Ianni	4.00	11/18
LATN 2101	002/11710	M W 6:10pm - 8:00pm 609 Hamilton Hall	Nicholas Koudounis	4.00	12/15

Spring 2023: LATN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2101	001/11690	T Th 6:10pm - 8:00pm 411 Hamilton Hall	Olivier Bordeleau-Lavoie	4.00	9/15

LATN UN2102 INTERMEDIATE LATIN II. 4.00 points.

Prerequisites: *LATN UN2101* or the equivalent.

This course condenses the second semester of Intermediate Latin (2102) into a sixweek summer session. Its goal is to further develop reading and interpretation skills in Classical Latin through engagement with Roman authors while continuing to review the essentials of Latin grammar. In the first half of the course, we cover selections from Ovid's epic poem, the *Metamorphoses*; in the second, we take up the prose writings of Seneca the Younger including selections from his *Epistulae Morales* and the philosophical dialogue *De vita beata*. Prerequisites: *LATN UN2101* or the equivalent. Selections from Ovid's *Metamorphoses* and from Sallust, Livy, Seneca, or Pliny

Fall 2022: LATN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2102	003/11711	T Th 6:10pm - 8:00pm 609 Hamilton Hall	Valeria Spacciante	4.00	8/15

Spring 2023: LATN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 2102	001/11691	T Th F 10:10am - 11:25am 476b Alfred Lerner Hall	Marissa Hicks	4.00	11/18
LATN 2102	002/11692	M W 6:10pm - 8:00pm 616 Hamilton Hall	Jose Antonio Cancino Alfaro	4.00	8/15

LATN UN3012 AUGUSTAN POETRY. 3.00 points.

Prerequisites: *LATN UN2102* or the equivalent.

Prerequisites: *LATN UN2102* or the equivalent. Selections from Vergil and Horace. Combines literary analysis with work in grammar and metrics

Fall 2022: LATN UN3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3012	001/11712	M W 4:10pm - 5:25pm 303 Hamilton Hall	Gareth Williams	3.00	18/30
LATN 3012	AU1/19962	M W 4:10pm - 5:25pm 303 Hamilton Hall	Gareth Williams	3.00	3/5

LATN UN3013 CLASSICAL LATIN PROSE. 3.00 points.

Prerequisites: *LATN W2202* or equivalent This course is intended to complement Latin V3012: Augustan Poetry in providing students I a transition between the elementary, grammatical study of Latin texts to a more fluent understanding of complex literary style. Latin V3013 will largely concentrate on different styles of writing, particularly narrative, invective, and argument. Text will be drawn primarily from Cicero's orations, with some readings from his rhetorical works

Spring 2023: LATN UN3013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3013	001/13083	T Th 11:40am - 12:55pm 337 Seeley W. Mudd Building	Joseph Howley	3.00	10/25

LATN UN3033 MEDIEVAL LANGUAGE # LITERATURE. 3.00 points.

Prerequisites: four semesters of college Latin or the instructor's permission.

Prerequisites: four semesters of college Latin or the instructors permission. This course offers an introduction to medieval Latin literature in conversation with its two most important traditions, classical literature and early Christian culture. Illustrative passages from the principal authors and genres of the Latin Middle Ages will be read, including Augustine and biblical exegesis; Ambrose and poetry; Bede and history and hagiography; Abelard and Heloise and the 12th century

Renaissance. The course is suitable both for students of Latin and of the Middle Ages

LATN UN3035 Poetry as Neurosis: Lucan's *Bellum Civile*. 3 points.

This course is an intensive study of Lucan's revolutionary and enigmatic *Bellum Civile*, the epic masterpiece of the Neronian age, which was admired and imitated all through the history of Western culture by authors such as Dante, Montaigne, Milton, Voltaire, Goethe, Shelley, and Baudelaire among others. The course will examine major controversies concerning the form and meaning of the poem, with special emphasis on the poetic tension created by the narrator's neurotic personality. The narration of the 49 BCE civil war between Caesar and Pompey is for Lucan the pretext for an original and intensely personal reflection on themes such as political oppression, the role of the individual in society, nihilism, self-destructiveness, mental disorder, and artistic creation. The poem will be analyzed from various critical perspectives that include rhetoric, intertextuality, deconstruction, reception theory, and psychoanalysis; no previous knowledge of any of these methodologies is required. Although an acceptable knowledge of Latin (intermediate or above) is assumed, the primary focus of this course is literary and sociological interpretation rather than linguistic competence. In addition to the Latin reading assignments, the poem will also be read entirely in English translation, allowing students to comprehend the whole while they engage with particular sections in the original language. The assignment for each class will include: (1) approximately five hundred lines to be read in English translation; (2) translation of short Latin passages, whose size may be adapted to the level of the class/student; (3) secondary readings.

LATN UN3309 LATIN LITERATURE SELECTIONS. 3.00 points.

Prerequisites: LATN UN2102 or the equivalent.

Prerequisites: LATN UN2102 or the equivalent. Since the content of this course changes from year to year, it may be repeated for credit

Fall 2022: LATN UN3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3309	001/11714	M W 10:10am - 11:25am 829 Seeley W. Mudd Building	John Ma	3.00	13/30
LATN 3309	AU1/19963	M W 10:10am - 11:25am 829 Seeley W. Mudd Building	John Ma	3.00	2/5

LATN UN3310 LATIN LITERATURE SELECTIONS. 3.00 points.

Prerequisites: *LATN UN2102* or the equivalent.

Prerequisites: LATN UN2102 or the equivalent. Since the content of this course changes from year to year, it may be repeated for credit

Spring 2023: LATN UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3310	001/11694	M W 10:10am - 11:25am 425 Pupin Laboratories	Darcy Krasne	3.00	6/25

LATN UN3320 Intensive Reading Course. 3 points.

Prerequisites: LATN UN2101-UN2102 or the equivalent.

This course is limited to students in the Postbaccalaureate program. The intensive reading of a series of Latin texts, both prose and verse, with special emphasis on detailed stylistic and grammatical analysis of the language.

LATN UN3980 POST-BACCALAUREATE SEMINAR. 3.00 points.

This seminar aims to provide students in the post-baccalaureate certificate program with opportunities 1) to (re-)familiarize themselves with a selection of major texts from classical antiquity, which will be read in English, 2) to become acquainted with scholarship on these texts and with scholarly writing in general, 3) to write analytically about these texts and the interpretations posed about them in contemporary scholarship, and 4) to read in the original language selected passages of one of the texts in small tutorial groups, which will meet every week for an additional hour with members of the faculty

Fall 2022: LATN UN3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3980	001/11715	Th 4:10pm - 6:00pm 303 Hamilton Hall	Darcy Krasne	3.00	1/15

LATN UN3996 THE MAJOR SEMINAR. 3.00 points.

Prerequisites: junior standing. Required for all majors in Classics and Classical Studies. The topic changes from year to year but is always broad enough to accommodate students in the languages as well as those in the interdisciplinary major. Past topics include: love, dining, slavery, space, power

Fall 2022: LATN UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3996	010/00278	Th 4:10pm - 6:00pm 214 Milbank Hall	Kristina Milnor	3.00	12/15

LATN UN3997 DIRECTED READINGS IN LATIN LIT. 3.00 points.

Prerequisites: the director of undergraduate studies permission. A program of reading in Latin literature, to be tested by a series of short papers, one long paper, or an oral or written examination

Fall 2022: LATN UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3997	001/00863		Kristina Milnor	3.00	1/5
LATN 3997	003/11720		Alan Ross	3.00	0/5
LATN 3997	004/11721		Gareth Williams	3.00	0/5

LATN 3997	005/11722	Katharina Volk	3.00	0/5
LATN 3997	006/20696	Darcy Krasne	3.00	1/5

Spring 2023: LATN UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3997	002/15498		Marcus Folch	3.00	0/5

LATN UN3998 SUPERVISED RSRCH IN LATIN LIT. 3.00 points.

Prerequisites: the director of undergraduate studies permission. A program of research in Latin literature. Research paper required

Fall 2022: LATN UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3998	003/11723		Alan Ross	3.00	0/5
LATN 3998	004/11725		Gareth Williams	3.00	0/5
LATN 3998	005/11726		Katharina Volk	3.00	0/5

Spring 2023: LATN UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3998	001/15497		Marcus Folch	3.00	1/5
LATN 3998	002/20140		Gareth Williams	3.00	2/5
LATN 3998	003/15495		Katharina Volk	3.00	4/5
LATN 3998	010/00799		Kristina Milnor	3.00	1/5

LATN GU4010 SELECTIONS FROM LATIN LITERATURE. 3.00 points.

Prerequisites: LATN UN3012 or the equivalent.
Prerequisites: LATN UN3012 or the equivalent. Since the content of this course changes from year to year, it may be repeated for credit

Spring 2023: LATN GU4010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4010	001/13087	M W 2:40pm - 3:55pm 616 Hamilton Hall	Gareth Williams	3.00	3/20
LATN 4010	AU1/18576	M W 2:40pm - 3:55pm Othr Other	Gareth Williams	3.00	3/3

LATN GU4105 LAT LITERATURE OF THE REPUBLIC. 4.00 points.

Prerequisites: at least two terms of Latin at the 3000-level or higher. Latin literature from the beginning to early Augustan times

Fall 2022: LATN GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 4105	001/11718	M W 4:10pm - 6:00pm 618 Hamilton Hall	Katharina Volk	4.00	9/20
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LATN GU4106 HISTORY OF LATIN LIT II. 4.00 points.

Prerequisites: at least two terms of Latin at the 3000-level or higher.

Prerequisites: at least two terms of Latin at the 3000-level or higher. Latin literature from Augustus to 600 C.E

Spring 2023: LATN GU4106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4106	001/11695	M W 4:10pm - 6:00pm 618 Hamilton Hall	Gareth Williams	4.00	9/20
LATN 4106	AU1/18577	M W 4:10pm - 6:00pm Othr Other	Gareth Williams	4.00	3/3

LATN GU4152 MEDIEVAL LATIN LITERATURE. 3.00 points.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. This course covers various topics in Medieval Latin Literature

LATN GR5139 ELEMENTS LATIN PROSE STYLE. 3.00 points.

Prerequisites: at least four semesters of Latin, or the equivalent.
Prerequisites: at least four semesters of Latin, or the equivalent.

Intensive review of Latin syntax with translation of English sentences and paragraphs into Latin

Spring 2023: LATN GR5139

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 5139	001/11696	T Th 11:40am - 12:55pm 306 Uris Hall	Kristina Milnor	3.00	9/20

GREEK**GREK UN1101 ELEMENTARY GREEK I. 4.00 points.**

For students who have never studied Greek. An intensive study of grammar with reading and writing of simple Attic prose

Fall 2022: GREK UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1101	001/11659	M W F 1:10pm - 2:25pm 616 Hamilton Hall	Margaret Corn	4.00	4/15
GREK 1101	002/11660	T Th 6:10pm - 8:00pm 616 Hamilton Hall	Olivier Bordeleau-Lavoie	4.00	8/15

GREK UN1102 ELEMENTARY GREEK II. 4.00 points.

Prerequisites: *GREK UN1101* or the equivalent, or the instructor or the director of undergraduate studies' permission.

Prerequisites: GREK UN1101 or the equivalent, or the instructor or the director of undergraduate studies permission.

Continuation of grammar study begun in GREK UN1101; selections from Attic prose

Spring 2023: GREK UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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GREK 1102	001/11683	M W F 1:10pm - 2:25pm 616 Hamilton Hall	Elizabeth Irwin	4.00	6/15
GREK 1102	002/11682	T Th 6:10pm - 8:00pm 522b Kent Hall	Nicholas Koudounis	4.00	6/15

GREK UN1121 INTENSIVE ELEMENTARY GREEK.**4.00 points.**

Covers all of Greek grammar and syntax in one term. Prepares the student to enter second-year Greek (GREK UN2101 or GREK UN2102)

Fall 2022: GREK UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1121	001/11663	M W F 1:10pm - 2:25pm 254 International Affairs Bldg	Marissa Hicks	4.00	5/15
GREK 1121	AU1/19959	M W F 1:10pm - 2:25pm 254 International Affairs Bldg	Marissa Hicks	4.00	1/5

Spring 2023: GREK UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1121	001/11684	T Th F 1:10pm - 2:25pm 609 Hamilton Hall	Valeria Spacciante	4.00	6/15

GREK UN2101 INTERMEDIATE GREEK: PROSE. 4.00 points.

Prerequisites: *GREK UN1101- GREK UN1102* or the equivalent.

Prerequisites: GREK UN1101- GREK UN1102 or the equivalent. Selections from Attic prose

Fall 2022: GREK UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 2101	001/11664	T Th F 11:40am - 12:55pm 516 Hamilton Hall	Elizabeth Irwin	4.00	12/18

GREK UN2102 INTERMEDIATE GREEK II: HOMER. 4.00 points.

Prerequisites: *GREK UN1101- GREK UN1102* or *GREK UN1121* or the equivalent.

Prerequisites: GREK UN1101- GREK UN1102 or GREK UN1121 or the equivalent. Detailed grammatical and literary study of several books of the Iliad and introduction to the techniques of oral poetry, to the Homeric hexameter, and to the historical background of Homer

Spring 2023: GREK UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 2102	001/11685	T Th F 11:40am - 12:55pm 618 Hamilton Hall	Deborah Steiner	4.00	5/18
GREK 2102	AU1/18575	T Th F 11:40am - 12:55pm Othr Other	Deborah Steiner	4.00	1/3

GREK UN3309 SELECTIONS FROM GREEK LIT. 3.00 points.

Since the content of this course changes from year to year, it may be repeated for credit. The topic that will be taught in Fall 2018 is Plato

Fall 2022: GREK UN3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3309	010/00276	T Th 1:10pm - 2:25pm 307 Milbank Hall	Nancy Worman	3.00	5/20

GREK UN3310 GREEK LITERATURE SELECTIONS II. 3.00 points.

Prerequisites: *GREK UN2101 - GREK UN2102* or the equivalent.

Prerequisites: GREK UN2101 - GREK UN2102 or the equivalent. Since the content of this course changes from year to year, it may be repeated for credit

Spring 2023: GREK UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3310	001/11686	T Th 1:10pm - 2:25pm 507 Hamilton Hall	Elizabeth Irwin	3.00	11/25

GREK UN3980 POST-BACCALAUREATE SEMINAR. 3.00 points.

This seminar aims to provide students in the post-baccalaureate certificate program with opportunities 1) to (re-)familiarize themselves with a selection of major texts from classical antiquity, which will be read in English, 2) to become acquainted with scholarship on these texts and with scholarly writing in general, 3) to write analytically about these texts and the interpretations posed about them in contemporary scholarship, and 4) to read in the original language selected passages of one of the texts in small tutorial groups, which will meet every week for an additional hour with members of the faculty

Fall 2022: GREK UN3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3980	001/11666	Th 4:10pm - 6:00pm 303 Hamilton Hall	Darcy Krasne	3.00	2/15

GREK UN3996 THE MAJOR SEMINAR. 3.00 points.

Prerequisites: junior standing. Required for all majors in classics and classical studies. The topic changes from year to year, but is always broad enough to accommodate students in the languages as well as those in the interdisciplinary major. Past topics include: love, dining, slavery, space, power

Fall 2022: GREK UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3996	010/00277	Th 4:10pm - 6:00pm 214 Milbank Hall	Kristina Milnor	3.00	0/15

GREK UN3997 DIRECTED READINGS IN GREEK LIT. 3.00 points.

Prerequisites: the director of undergraduate studies permission. A program of reading in Greek literature, to be tested by a series of short papers, one long paper, or an oral or written examination

Fall 2022: GREK UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3997	001/11667		Seth Schwartz	3.00	0/5
GREK 3997	002/11668		Deborah Steiner	3.00	0/5
GREK 3997	003/11669		Marcus Folch	3.00	0/5
GREK 3997	004/11670		Paraskevi Martzavou	3.00	0/5
GREK 3997	005/11671		John Ma	3.00	0/5
GREK 3997	006/11672		Elizabeth Scharffenberger	3.00	1/5
GREK 3997	007/20178		Elizabeth Irwin	3.00	2/5

Spring 2023: GREK UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3997	002/11687		Paraskevi Martzavou	3.00	0/5
GREK 3997	003/15484		Elizabeth Scharffenberger	3.00	0/5
GREK 3997	004/15485		John Ma	3.00	0/5
GREK 3997	005/15486		Marcus Folch	3.00	0/5
GREK 3997	006/15487		Elizabeth Irwin	3.00	0/5

GREK UN3998 SUPERVISED RSRCH IN GREEK LIT. 3.00 points.

Prerequisites: the director of undergraduate studies permission. A program of research in Greek literature. Research paper required

Fall 2022: GREK UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3998	001/11673		Deborah Steiner	3.00	0/5
GREK 3998	002/11674		Paraskevi Martzavou	3.00	0/5
GREK 3998	003/11678		Seth Schwartz	3.00	0/5
GREK 3998	004/11679		Elizabeth Scharffenberger	3.00	0/5
GREK 3998	005/11680		Marcus Folch	3.00	0/5
GREK 3998	006/11681		John Ma	3.00	0/5

Spring 2023: GREK UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3998	003/15491		Elizabeth Scharffenberger	3.00	0/5

GREK 3998	004/15490	Paraskevi Martzavou	3.00	0/5
GREK 3998	005/15489	John Ma	3.00	1/5
GREK 3998	006/15488	Marcus Folch	3.00	0/5

GREK GU4009 SELECTNS FROM GREEK LIT. 3.00 points.

Prerequisites: GREK V1201 and V1202, or their equivalent. Since the content of the course changes from year to year, it may be taken in consecutive years

Fall 2022: GREK GU4009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4009	001/11683	T Th 2:40pm - 3:55pm 618 Hamilton Hall	Elizabeth Irwin	3.00	4/20

GREK GU4010 SELECTIONS FROM GREEK LIT. 3.00 points.

Prerequisites: GREK UN2101 - GREK UN2102 or the equivalent.

Prerequisites: GREK UN2101 - GREK UN2102 or the equivalent. Since the content of this course changes each year, it may be repeated for credit

Spring 2023: GREK GU4010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4010	001/11019	M W 1:10pm - 2:25pm 316 Hamilton Hall	Paraskevi Martzavou	3.00	2/20

GREK GU4030 Philo of Alexandria: Life of Moses, On the Contemplative Life. 3 points.

We will read in the original language selections from three treatises -- *In Flaccum*, *Legatio ad Gaium*, and *De Vita Contemplativa* -- of Philo of Alexandria; aside from their importance as Imperial Greek texts, these essays provide essential and very rare evidence for the environment (early Imperial Alexandria) and thought of their author.

GREK GU4105 HISTORY OF GREEK LITERATURE I. 4.00 points.

Prerequisites: at least two terms of Greek at the 3000-level or higher. Readings in Greek literature from Homer to the 4th century B.C

Spring 2023: GREK GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4105	001/11697	T Th 2:10pm - 4:00pm 618 Hamilton Hall	Deborah Steiner	4.00	3/25
GREK 4105	AU1/18578	T Th 2:10pm - 4:00pm Othr Other	Deborah Steiner	4.00	2/3

GREK GU4106 HISTORY OF GREEK LITERATURE II. 4.00 points.

Prerequisites: at least two terms of Greek at the 3000-level or higher.

Prerequisites: at least two terms of Greek at the 3000-level or higher. Greek literature of the 4th century B.C. and of the Hellenistic and Imperial Ages

Fall 2022: GREK GU4106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4106	001/11685	M W 4:10pm - 6:00pm 609 Hamilton Hall	Elizabeth Scharffenberger	4.00	3/15

CLASSICAL CIVILIZATION

CLCV UN1001 Introduction to Greek Mythology. 3.00 points.

The stories of the Greek and Roman gods and heroes are at the root of countless works of art, philosophy, literature, and film, from antiquity to the present. Many familiar phrases from the English language also derive from myth: an Achilles heel (and Achilles tendon!), a Trojan horse, Pandora's box, and so forth. This course will introduce you to the broad range of tales that make up the complex and interconnected network of Greek and Roman mythology

Fall 2022: CLCV UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 1001	001/12572	M W 10:10am - 11:25am Cin Alfred Lerner Hall	Darcy Krasne	3.00	87/100
CLCV 1001	AU1/19954	M W 10:10am - 11:25am Room TBA	Darcy Krasne	3.00	16/20

CLCV UN2441 EGYPT IN CLASSICAL WORLD. 4.00 points.

This class tracks Egypt's entanglement in the Greco-Roman world from the country's initial welcoming of Greek merchants and mercenaries to the point at which Justinian shuttered its last remaining temple. In examining archaeological, textual, and artistic evidence, we'll pay close attention to the flashpoints that divided society along ethnic lines (viz. Egyptian, Nubian, Levantine, Greek, and Roman inhabitants) and according to religious belief (among polytheists of Egyptian and Greek heritage, Jewish Egyptians, and Christians) as well as to syncretism, mixed marriages, and other integrative aspects of society

Fall 2022: CLCV UN2441

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 2441	001/00272	T Th 1:10pm - 2:25pm 328 Milbank Hall	Ellen Morris	4.00	41/44
CLCV 2441	AU1/19965	T Th 1:10pm - 2:25pm Othr Other	Ellen Morris	4.00	6/6

CLCV UN3009 Ancient Greek & Roman Medicine. 3.00 points.

This course aims to identify, analyze, and discuss ancient Greek and Roman medical theories, observations, methodologies for diagnosis and treatment, and the philosophical and professional

disputes that arose around them. This course is arranged thematically and focuses on common methodologies, such as reasoning from first causes, in contrast to epistemic observation and experience. Other broad themes include the relationship between medicine and natural history, and the connection between medical treatments and the rise of herbals as ostensibly reliable sources of information. By focusing on such general themes and methodologies, and by reading the original Greek and Latin texts in translation, this course will aim to provide an answer to the following questions: in what exactly did ancient Greek and Roman medicine consist and how did the field's practitioners and theorists perform medical work, in their own words? There are no prerequisites for this course, nor does it require knowledge of Greek or Latin. It is equally suited to premed students, individuals with an interest in medical humanities, and Classics students

Fall 2022: CLCV UN3009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3009	001/13592	T Th 6:10pm - 7:25pm 607 Hamilton Hall	Erin Petrella	3.00	10/15

CLCV UN3059 WORLDS OF ALEXANDER THE GREAT. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This seminar looks at the narrative and the historical context for an extraordinary event: the conquest of the Persian empire by Alexander III of Macedonia, conventionally known as "Alexander the Great". We will explore the different worlds Alexander grew out of, confronted, and affected: the old Greek world, the Persian empire, the ancient near-east (Egypt, Levant, Babylonia, Iran), and the worlds beyond, namely pre-Islamic (and pre-Silk Road) Central Asia, the Afghan borderlands, and the Indus valley. The first part of the course will establish context, before laying out a narrative framework; the second part of the course will explore a series of themes, especially the tension between military conquest, political negotiation, and social interactions. Overall, the course will serve as an exercise in historical methodology (with particular attention to ancient sources and to interpretation), an introduction to the geography and the history of the ancient world (classical and near-eastern), and the exploration of a complex test case located at the contact point between several worlds, and at a watershed of world history

Spring 2023: CLCV UN3059

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3059	001/14905	Th 4:10pm - 6:00pm 222 Pupin Laboratories	John Ma	3.00	19/22

CLCV UN3060 Worlds of Alexander the Great Discussion. 0 points.

Corequisites: CLCV UN3059

Discussion section to accompany CLCV 3059, "The Worlds of Alexander the Great": examination of sources, interpretation

and historiography; broad discussion as well as close reading of texts.

CLCV UN3101 The Archaeology of Ancient Egypt and Nubia. 3 points.

Thanks to the pyramids of Giza, the treasure of Tutankhamun, and other remains of royal activity, pharaonic Egypt is justly famous for its monuments and material culture. Equally fascinating, if less well known, however, are the towns, fortresses, cultic centers, domestic spaces, and non-elite cemeteries that have been excavated over the past 200 years or so. The archaeology of Nubia is also little known but fascinating on many levels. This course will focus on what archaeology can reveal about life as it was experienced by individuals of all social classes. Through a combination of broad surveys and case studies of some of Egypt and Nubia's most culturally indicative and intriguing sites, we will explore issues such as the origins of inequality, state formation and its effects, the uneasy mix of state-planned settlements and village life, urbanism, domestic and community worship, gendered spaces, ethnicity and colonialism, religious revolution and evolution, bureaucracy, private enterprise, and the effects of governmental collapse on life and death in ancient Egypt and Nubia.

CLCV UN3111 PLATO&CONFUCIUS: COMP ANC PHIL. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: completion of first semester of CC recommended.
Prerequisites: completion of first semester of CC recommended.
Although separated by a distance of nearly 5,000 miles, Classical Greece and China witnessed the near-simultaneous emergence of complex, centralized city-states, intensive agricultural cultivation, urbanization, the growth of imperial administrations, and scientific and technological revolutions. Each also witnessed the emergence of competing schools of philosophy. This course surveys principal works of Classical Greek and Chinese philosophy (where possible in their totality). Our goals are both contextualist and comparativist. Alternating between philosophical traditions, we shall read, discuss, and analyze several works of ancient Greek philosophy and Classical Chinese philosophy within their unique historical contexts and in comparison to one another.

CLCV UN3220 War, reality and truth in Thucydides. 4 points.

Between 431 and 404 BCE, a world war pitted the sea empire of democratic Athens against the land-based hegemony of Sparta, the culmination of decades of cold war, uneasy coexistence and open conflict between the two powers. The first twenty years of this major event in ancient history are painstakingly recorded in a monumental work, the *War of the Peloponnesians and Athenians* by the Athenian Thucydides, a participant in the conflict. This remarkable and highly crafted text combines a hyperreal narrative season by season, analyses of causality, character and motivation, and competing ethical and practical interpretations. We will

approach Thucydides' *War* in four different ways: as a piece of historiography; as set of political or social scientifically oriented demonstrations; as a philosophical meditation on justice and power in the world; and as a historical document for a richly interesting period. Are these four approaches mutually compatible and reinforcing? The close reading of the text (for reasons of time, we will look at Books 1-5, 8 will be completed by engagement with secondary literature (four monographs and articles) and with contemporary documents (inscriptions), the latter offering a fragmentary counterpoint to Thucydidean narrative. After reading the text, we will spend time on thematic debates involving the narrative and contextual material. The aim of this close work is to produce a Thucydides beyond the clichés of contemporary punditry ("the Thucydides trap"), closely fitting within Columbia undergraduate training (where Thucydides has vanished from the Core), and bridging the gap between contextualizing and modernizing readings.

CLCV UN3321 War, reality and truth in Thucydides - Discussion. 0 points.

Between 431 and 404 BCE, a world war pitted the sea empire of democratic Athens against the land-based hegemony of Sparta, the culmination of decades of cold war, uneasy coexistence and open conflict between the two powers. The first twenty years of this major event in ancient history are painstakingly recorded in a monumental work, the *War of the Peloponnesians and Athenians* by the Athenian Thucydides, a participant in the conflict. This remarkable and highly crafted text combines a hyperreal narrative season by season, analyses of causality, character and motivation, and competing ethical and practical interpretations. We will approach Thucydides' *War* in four different ways: as a piece of historiography; as set of political or social scientifically oriented demonstrations; as a philosophical meditation on justice and power in the world; and as a historical document for a richly interesting period. Are these four approaches mutually compatible and reinforcing? The close reading of the text (for reasons of time, we will look at Books 1-5, 8 will be completed by engagement with secondary literature (four monographs and articles) and with contemporary documents (inscriptions), the latter offering a fragmentary counterpoint to Thucydidean narrative. After reading the text, we will spend time on thematic debates involving the narrative and contextual material. The aim of this close work is to produce a Thucydides beyond the clichés of contemporary punditry ("the Thucydides trap"), closely fitting within Columbia undergraduate training (where Thucydides has vanished from the Core), and bridging the gap between contextualizing and modernizing readings.

CLCV V3230 Classics and Film. 3 points.

Considers cinematic representations of the ancient Mediterranean world, from early silent films to movies from the present day. Explores films that purport to represent historical events (such as *Gladiator*) and cinematic versions of ancient texts (Pasolini's *Medea*). Readings include ancient literature and modern criticism.

CLCV GU4106 Religions of the Roman World. 3.00 points.

The goal of this course is to convey an important amount of knowledge on the religious history of the Roman empire focusing both on paganism, Christianity and Judaism and their interaction. We will study the religious space, the agents of cults and religions, rituals and networks and dynamics of power. The course will also face the challenge to reconsider the points of view from which to think the religious history of the Roman Empire and therefore it will be an invitation to revise our intellectual tools and questions towards an awareness to what is at stake when an object of religious debate emerges

Spring 2023: CLCV GU4106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 4106	001/11017	W 4:10pm - 6:00pm 613 Hamilton Hall	Paraskevi Martzavou	3.00	13/15

CLCV GU4110 Gender and Sexuality In Ancient Greece. 3 points.

Prerequisites: sophomore standing or the instructor's permission.

Examination of the ways in which gender and sexuality are constructed in ancient Greek society and represented in literature and art, with attention to scientific theory, ritual practice, and philosophical speculation. Topics include conceptions of the body, erotic and homoerotic literature and practice, legal constraints, pornography, rape, and prostitution.

CLCV UN3008 The Age of Augustus. 3.00 points.

The reign of the first Roman emperor, Augustus (27bce-14ce), has been seen as a Roman revolution, both political and cultural. Rome had for centuries been governed as a Republic, but a series of increasingly divisive civil wars allowed Augustus to create a new political system in which he exercised sole rule as the 'first citizen' within a 'Restored Republic'. Augustus' reign lasted more than 40 years, and established a model of autocratic rule that would last for four centuries. During this time there were profound changes in the political, social, and cultural structures of Rome. In this course, you will examine the nature of these changes, Augustus' political strategies, military activities, and religious initiatives through his own writing, the accounts of (often hostile) historians and a range of literary and archaeological sources, including Roman poetry. Ultimately, we will address the question: how did Augustus achieve the seemingly paradoxical feat of becoming a monarch within a republican system?

Fall 2022: CLCV UN3008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3008	001/11617	M W 1:10pm - 2:25pm 401 Chandler	Lisa Mignone	3.00	12/25

CLCV UN3070 Polis: the Biography of the Ancient Greek City-State 650 BCE-350 CE. 4.00 points.

This course explores the history of the Greek city-state, first as a long narrative story from the obscure leap to stately forms in the Aegean basin during the early seventh century BCE, to the end of municipal forms in the late Roman empire in the

fourth century CE. Is there a single polis form that develops and endures during this century ? This is the concern of the first half of the course. The second half explores implications of the polis as a social and political organism: as ideas, ideology and institutions; as self-interest; and as a site and a tool of domination. The possible consequences for the politics of living together will be examined throughout the course, which balances between history and political philosophy

CLCV UN3071 Discussion - Polis: the Biography of the Ancient Greek City-State 650 BCE-350 CE. 0.00 points.

This course explores the history of the Greek city-state, first as a long narrative story from the obscure leap to stately forms in the Aegean basin during the early seventh century BCE, to the end of municipal forms in the late Roman empire in the fourth century CE. Is there a single polis form that develops and endures during this century ? This is the concern of the first half of the course. The second half explores implications of the polis as a social and political organism: as ideas, ideology and institutions; as self-interest; and as a site and a tool of domination. The possible consequences for the politics of living together will be examined throughout the course, which balances between history and political philosophy

CLCV UN3015 Race and Ethnicity in the Greco-Roman World - Discussion. 0 points.

This course provides an introduction to ancient attitudes towards race and ethnicity. Students will be challenged to consider how categories of race and ethnicity are presented in the literature and artistic works of Greece and Rome, and how ancient thinking remains current and influential today. We will consider texts from antiquity including epic, history, medical texts, ethnographies, dramas, and novels, as well as material evidence intended to represent 'foreignness'. Our case studies pay particular attention to concepts including notions of racial formation and racial origins, ancient theories of ethnic superiority, and linguistic, religious and cultural differentiation as a basis for ethnic differentiation. We will also examine ancient racism through the prism of a variety of social processes in antiquity, such as slavery, trade and colonization, migrations, imperialism, assimilation, native revolts, and genocide. By the end of the course, students will have gained a richer understanding of the intellectual and cultural history of the ancient world, and will be able to engage in discussions of identity construction in a comparative manner.

CLCV BC3601 Priestess, Queen, Goddess: The Divine Feminine in the Kingdom of Kush. 4.00 points.

The prominence of powerful goddesses (Hathor, Mut, and Isis), the reverence awarded to the queen mothers of Kush, and a series of sole-ruling queens (one of whom led her army in battle against the invading Romans), highlight the unusually high status of women in this ancient African society and serve as a fitting focus for the study of female power in the ancient world. This course will examine more closely the queens, priestesses, and mothers who formed an essential societal component in ancient Nubia and its complex systems of goddess worship, sacred sexualities, and family lineages, both royal and non-

royal. Examining the rich funerary traditions and goods found in royal burials, and temple and tomb imagery, we will explore how ancient Africans of the Nile Valley understood female power and presence to be an essential enlivening element in maintaining Maat, the balance of male and female energies, in order to cultivate “divine right order” in the world and in the cosmos. In this six-week immersive seminar, we’ll examine the history of Kushite queens who served as powerful complements to their husband the king, as the central figure in the coronation ceremonies for their son as he assumed the kingship, and as rulers in their own right during a time when this level of power was unavailable to women anywhere else in the world. After surveying the earlier phases of the ancient African kingdom of Kush: Kerma (2600-1500 BCE) and Napata (900-300 BCE), we will focus on the last phase of the Kingdom of Kush – Meroe (300 BCE – 300 CE) where women truly came into their power

CLCV GU4190 PHILOSOPHY IN CLASSICAL ROME.

3.00 points.

Fall 2022: CLCV GU4190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 4190	001/11618	T Th 2:40pm - 3:55pm 304 Hamilton Hall	Katharina Volk	3.00	11/35
CLCV 4190	AU1/19964	T Th 2:40pm - 3:55pm 304 Hamilton Hall	Katharina Volk	3.00	5/5

CLCV GU4160 Reading Rome in the Middle Ages and Beyond. 3.00 points.

This course will examine the ways Rome has been described and imagined from late antiquity through the Middle Ages, when the imperial city was transformed into a Christian capital, renowned for its monuments and its complex historical significance. The city became the goal of pilgrims, visitors, artists and scholars, but also the subject of criticisms and satire, and continued to be so into the modern age. The great German poet Goethe wrote at length in his *Italian Journey* (1786-1787) about his enchantment with the monuments of “the First City of the world [sic]” (Johann Wolfgang von Goethe, *Italian Journey* (1786-1788), trans. W. H. Auden and Elizabeth Mayer [1962], p. 115), while at the same time he described the living contemporary city and its inhabitants through stereotypical and ethnic preconceptions. His near-contemporary Edward Gibbon declared that he was inspired to write his great work *The Decline and Fall of the Roman Empire* as he contrasted the city’s classical ruins and the Christian Church of the Ara Coeli, once a pagan temple: “It was at Rome, on the fifteenth of October, 1764, as I sat musing amidst the ruins of the Capitol, while the barefoot friars were singing vespers in the Temple of Jupiter, that the idea of writing the decline and fall of the city first started to my mind.” *Memoirs of My Life* (1796). This course is not meant to be a history of post-classical Rome. Rather, we will consider and discuss a selection of interdisciplinary texts, written, visual and material (buildings, artistic works in various forms, including films, and other physical evidence) that present the transformation of old Rome into new Rome, but which also shaped the varied images of

Rome in the Middle Ages, and beyond, even in modern times, as illustrated by the films included in the syllabus

CLCV GU4180 Friendship from Antiquity to the Present. 3.00 points.

At all times and in all places, human beings have established and cherished friendships, that is, affectionate bonds with individuals to whom they were not linked by blood relationship or erotic love. But what is friendship? This and related questions are asked in some of our earliest literature and remain relevant today. What is a friend? Can I really trust my friend? How many friends can or should a person have? And is it ever necessary to sever a friendship or “unfriend” a person? In this course, we will examine how philosophical writers of Greco-Roman antiquity—notably, Plato, Aristotle, and Cicero—address these issues and how their discourse on friendship resonates through western thought, including in such writers as Aquinas, Montaigne, Bacon, Kant, and Emerson. We will put these theoretical approaches in dialogue with depictions of and reflections on friendship in letters, poetry, novels, plays, children’s literature, and film, ranging from the second millennium BCE Epic of Gilgamesh to Elena Ferrante’s 2012 bestseller *My Brilliant Friend*. These sometimes complementary and sometimes jarring juxtapositions will lead us to consider friendship both in its historically and culturally conditioned and in its universal aspects, and will, with any luck, inspire a new appreciation of this profoundly human experience

CLASSICAL LITERATURE

CLLT UN3125 Book Histories and the Classics. 3 points.

Prerequisites: HUMA CC1001 or HUMA GS1001COCI CC1101 ,HUMA CC1001 or HUMA GS1001 or COCI CC1101
This seminar will introduce students of classical literature to the history of the Western book, and to the relationship between book history and the transmission and reception history of the literature of ancient Greece and Rome. Students will also learn how to make use of rare books materials including manuscripts and early printed books.....

CLLT UN3126 Queer Classics: Desire, Embodiment, Backward Glances. 3.00 points.

While the word ‘homosexual’ didn’t appear in print until 1891, Ancient Greece and Rome were full of queers, people whose sexual behavior, desires, gender, and/or other characteristics were at odds with dominant norms. This course traces ancient queerness across three modules. First, we discuss primary evidence and scholarly attitudes towards homoeroticism and gender variance in antiquity. Second, we explore the reception of ancient homoeroticism at the turn of the 20th century, a period that witnessed an explosion of engagement with ancient queer icons. Third, we trace the transformations of ancient queer myths and imagery in contemporary popular culture, engaging with film, novels, Zines, and social media. No prerequisites

CLLT UN3127 Hercules: Hero, Murderer, Philosopher, Buffoon. 3 points.

Hercules is one of the most ancient, widespread, and enduring figures to emerge from the ancient Mediterranean. He is a figure of multiples: myriad labors, multiple wives, multiple fathers, and multiple identities. Together we will discover a broad range of literature on this hero and-like ancient writers and thinkers-we will use Hercules to explore mortality, divinity, masculinity, madness, and contradiction. We will read Hercules in different ancient genres, with a particular emphasis on Tragedy, Comedy, and Philosophy. The final units of our course will explore contemporary "heros," including the Hulk, "The Rock," and Disney's Hercules.

CLLT UN3128 THE ARTIST AND THE DICTATOR: ROMAN WRITERS UNDER NERO. 3 points.

This course aims at highlighting both the most important general features and the most important peculiarities of the literary masterpieces produced in the age of Nero. The basic question we will be addressing in class is what it means to be a literary artist under the rule of a despot. In order to fulfill Nero's megalomaniac need for exaltation, cope with his absolute power and, at the same time, maintain their personal identity and ethical values as writers, Seneca, Petronius and Lucan strove to balance in their works the emperor's expectations and their own artistic designs. These artists were not free to write what they wanted to write for present and future generations, but they tried to write it nevertheless. In this course, we will examine the extent of freedom of expression under Nero; the rhetorical techniques Neronian writers resorted to in order to express tactful modes of oblique commentary and criticism; the difficulties of the individual's liberty in a climate of dictatorial oppression; the ways in which literature helps us discover more about the society of a given time; and, ultimately, the universal and eternal desire for artists to be themselves and express their own views in spite of mortal dangers. Such issues are all the more pertinent in the present day: in 1989, the novelist Salman Rushdie was sentenced to death by the ayatollah Khomeini after the publication of *The Satanic Verses* and fled to the United Kingdom; in 2011, the visual artist Ai Weiwei, whose most recent installation is currently exhibited in New York City, at Washington Square Park, served 81 days in a Chinese prison because of his artwork against dictatorial regimes. He eventually left China and settled in Berlin. No knowledge of Latin is required, as the focus of this course is literary, historical and sociological interpretation rather than linguistic competence.

CLLT UN3129 An Odyssey of Odysseys: Reception of Homer's Odyssey from Antiquity to the 21st Century. 3.00 points.

Homer's *Odyssey*, likely composed around the 9th or 8th century BCE, has had an enduring legacy. Our journey this semester will bring us into contact with a varied selection of artistic endeavors, spanning different cultures, times, and media, that draw on the *Odyssey* for material or inspiration.

A guiding set of broadly-formulated questions will steer our course: Can we find in the *Odyssey* some of the same meaning, today, that it held for its original audience and that it held, subsequently, for later Greeks? Do receptions of the *Odyssey* try to recapture it, reframe it, refashion it, or become something independent? (Are these mutually exclusive options?) How do we read these works in light of the *Odyssey*, and also how do we re-visit and re-read the *Odyssey* in light of its receptions? It is no secret that the present bears the enduring weight of the past, but is the past changed as a result?

CLLT UN3132 Classical Myth. 3 points.

Survey of major myths from the ancient Near East to the advent of Christianity, with emphasis upon the content and treatment of myths in classical authors (Homer, Hesiod, Aeschylus, Euripides, Sophocles, Vergil, Livy, Ovid).

MODERN GREEK**GRKM UN1101 ELEMENTARY MODERN GREEK I. 4.00 points.**

This is the first semester of a year-long course designed for students wishing to learn Greek as it is written and spoken in Greece today. As well as learning the skills necessary to read texts of moderate difficulty and converse on a wide range of topics, students explore Modern Greece's cultural landscape from *para* to poetry to politics. Special attention will be paid to Greek New York. How do our, American, Greek-American definitions of language and culture differ from their, Greek ones?

Fall 2022: GRKM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1101	001/11689	M W 12:10pm - 2:00pm 613 Hamilton Hall	Nikolas Kakkoufa	4.00	14/15

GRKM UN1102 ELEMENT. MODERN GREEK II. 4.00 points.

Prerequisites: GRKM UN1101 *GRKM V1101* or the equivalent. Prerequisites: GRKM UN1101 or the equivalent. Continuation of GRKM UN1101. Introduction to modern Greek language and culture. Emphasis on speaking, writing, basic grammar, syntax, and cross-cultural analysis

Spring 2023: GRKM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1102	001/11020	M W 12:10pm - 2:00pm 507 Hamilton Hall	Nikolas Kakkoufa	4.00	11/15

GRKM UN2101 INTERMEDIATE MODERN GREEK I. 4.00 points.

Prerequisites: GRKM UN1101 and GRKM UN1102 or the equivalent.

Corequisites: GRKM UN2111

Prerequisites: GRKM UN1101 and GRKM UN1102 or the equivalent. Corequisites: GRKM UN2111 This course is designed for students who are already familiar with the basic grammar and syntax of modern Greek language and can

communicate at an elementary level. Using films, newspapers, and popular songs, students engage the finer points of Greek grammar and syntax and enrich their vocabulary. Emphasis is given to writing, whether in the form of film and book reviews or essays on particular topics taken from a selection of second year textbooks

Fall 2022: GRKM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 2101	001/11694	M W 6:10pm - 8:00pm 616 Hamilton Hall	Chrysanthé Filippardos	4.00	8/15

GRKM UN2102 INTERMEDIATE MODERN GREEK II. 4.00 points.

Prerequisites: *GRKM UN2101* or the equivalent.

Prerequisites: GRKM UN2101 or the equivalent. Continuation of GRKM UN2101. Students complete their knowledge of the fundamentals of Greek grammar and syntax while continuing to enrich their vocabulary

Spring 2023: GRKM UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 2102	001/11021	M W 6:10pm - 8:00pm 613 Hamilton Hall	Chrysanthé Filippardos	4.00	11/15

GRKM UN3001 Advanced Modern Greek I. 3 points.

Prerequisites: GRKM V2101 or the equivalent.

This semester we will continue to build language skills but with particular attention to speaking and writing Greek at the university level. We will focus on such topics as diaspora, history, politics, and identity. We will use materials from literature, critical essays, historiography, film, and mass media as a way to advance knowledge in Modern Greek literature and culture. In addition we will explore the diversity of Greek language as it is spoken in different regions and gain understanding of its evolution through time. Materials include: essays (Seferis, Theotokas); newspaper articles; television interviews (Flessa and Papanikolaou); advertisement; stand-up-comedy (Lazopoulos); music (art-song, *rebetika*, hip-hop); theatre (Demetriades); literature (Roides, Papadiamantis, Kazantzakis, Lymberaki, Karapanou, Galanaki, Charalambides, Chatzopoulos, Chouliaras).

GRKM UN3003 GREECE TODAY: LANG, LIT. 3.00 points.

Prerequisites: GRKM un2102

Prerequisites: GRKM un2102 This course builds on the elements of the language acquired in GRKM1101 through 2102, but new students may place into it, after special arrangement with the instructor. It introduces the students to a number of authentic multimodal materials drawn from a range of sources which include films, literary texts, media, music etc. in order to better understand Greece's current cultural, socio-economic, and political landscape. In doing so, it aims to foster transcultural understanding and intercultural competence, while further developing the four language skills: listening, speaking, reading and writing. Topics of discussion include

language, gender equality, youth unemployment, education, queer identities, refugees, and the multilayered aspects of the crisis. Pre-requisite for this class: GRKM 2102 or placement test. Instructor's permission required if the students have not taken GRKM2102 or equivalent

GRKM UN3935 Hellenism and the Topographical Imagination. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines the way particular spaces—cultural, urban, literary—serve as sites for the production and reproduction of cultural and political imaginaries. It places particular emphasis on the themes of the polis, the city, and the nation-state as well as on spatial representations of and responses to notions of the Hellenic across time. Students will consider a wide range of texts as spaces—complex sites constituted and complicated by a multiplicity of languages—and ask: To what extent is meaning and cultural identity, sitespecific? How central is the classical past in Western imagination? How have great metropolises such as Paris, Istanbul, and New York fashioned themselves in response to the allure of the classical and the advent of modern Greece? How has Greece as a specific site shaped the study of the Cold War, dictatorships, and crisis?

GRKM UN3996 Readings in Modern Greek. 1 point.

Prerequisites: This course may be taken as a 1 point corequisite with GRKM GU4135, or as a separate 1 point course.

The course allows students in Topics through Greek Film (GU4135) with an intermediate to advanced level of Greek to supplement their study of that course's theme through materials in Greek. Each week we will be reading short texts (excerpts from novels and essays, blogs, newspaper articles) on a theme discussed that week in GU4135.

GRKM UN3997 DIRECTED READINGS. 1.00-4.00 points.

Designed for undergraduates who want to do directed reading in a period or on a topic not covered in the curriculum

Fall 2022: GRKM UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3997	001/11695		Nikolas Kakkoufa	1.00-4.00/5	
GRKM 3997	002/11696		Dimitris Antoniou	1.00-4.00/5	
GRKM 3997	003/11697		Paraskevi Martzavou	1.00-4.00/5	

Spring 2023: GRKM UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3997	002/15492		Nikolas Kakkoufa	1.00-4.00/5	
GRKM 3997	003/16642		Argyro Nicolaou	1.00-4.00/5	
GRKM 3997	004/16643		Dimitris Antoniou	1.00-4.00/5	
GRKM 3997	005/16644		Paraskevi Martzavou	1.00-4.00/5	

GRKM UN3998 SENIOR RESEARCH SEMINAR.**1.00-4.00 points.**

Designed for students writing a senior thesis or doing advanced research on Greek or Greek Diaspora topics

Fall 2022: GRKM UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3998	001/11698		Nikolas Kakkoufa	1.00-4.00/8	

Spring 2023: GRKM UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3998	001/13103		Nikolas Kakkoufa	1.00-4.00/5	

GRKM GU4135 Topics Through Greek Film. 4.00 points.

Optional 1-point bilingual guided reading.

This course explores issues of memory and trauma, public history and testimony, colonialism and biopolitics, neoliberalism and governmentality, and crisis and kinship, all through the medium of Greek film. It brings the Greek cinema canon (Angelopoulos, Cacoyannis, Gavras, Koundouros, et al.) into conversation with the work of contemporary artists, ethnographers, documentary filmmakers, and the recent “weird wave” and asks: what kind of lens does film offer onto the study of a society’s history and contemporary predicament? The viewing and discussion of films is facilitated through a consideration of a wide range of materials, including travelogues, criticism, archival footage, and interviews with directors. The course does not assume any background knowledge and all films will have English subtitles. An additional 1-credit bilingual option (meeting once per week at a time TBD) is offered for students who wish to read, view, and discuss materials in Greek

Spring 2023: GRKM GU4135

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4135	001/15091	W 2:10pm - 4:00pm 608 Lewisohn Hall	Argyro Nicolaou	4.00	15/15

GRKM GU4460 SUPERVISED INDEPENDENT RESEARCH. 3.00 points.

All supervisors will be Columbia faculty who hold a PhD. Students are responsible for identifying their own supervisor and it is at the discretion of faculty whether they accept to supervise independent research. Projects must be focused on Hellenic Studies and can be approached from any disciplinary background. Students are expected to develop their own reading list in consultation with their supervisor. In addition to completing assigned readings, the student must also write a Hellenic studies paper of 20 pages. Projects other than a research paper will be considered on a case-by-case basis. Hellenic Studies is an interdisciplinary field that revolves around two main axes: space and time. Its teaching and research are focused on the study of post-classical Greece in various fields: Language, Literature, History, Politics, Anthropology, Art, Archaeology, and in various periods: Late Antique, Medieval, Byzantine, Modern Greek etc. Therefore, the range

of topics that are acceptable as a Hellenic Studies seminar paper is broad. It is upon each supervisor to discuss the specific topic with the student. The work submitted for this independent study course must be different from the work a student submits in other courses, including the Hellenic Studies Senior Research Seminar

Fall 2022: GRKM GU4460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4460	001/11699		Nikolas Kakkoufa	3.00	0/5
GRKM 4460	002/11700		Dimitris Antoniou	3.00	0/5
GRKM 4460	003/11701		Paraskevi Martzavou	3.00	0/5

Spring 2023: GRKM GU4460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4460	002/15493		Nikolas Kakkoufa	3.00	0/5
GRKM 4460	003/20215		Dimitris Antoniou	3.00	0/5

GRKM W4821 The Greek Revolution of 1821. 3.00 points.

2021 marks the bicentenary of the Greek uprising against the Ottoman Empire—an event that captured European and American popular imagination and led to the founding of the Greek nation. The Greek Revolution became a site for enduring discussion of much larger questions about the international order, democracy, empire, nationalism, collective rights, slavery, monumentality, and the contemporary place of classical Hellas. In this seminar Hellenic Studies faculty and guest speakers take 1821 and its enduring legacies as a vantage point to examine the use of primary sources (including texts, songs, paintings, and films) across different disciplines (history, anthropology, comparative literature, architecture, political science, and queer studies), and reflect on the nature of evidence and how it features in public discourse and contemporary cultural politics. Lectures by Dimitris Antoniou, Stathis Gourgouris, Nikolas P. Kakkoufa, Paraskevi Martzavou, Mark Mazower, Neni Panourgia, Karen Van Dyck, Konstantina Zanou, and others

COMPARATIVE LITERATURE-GREEK MODERN**CLGM UN3005 DICTATORSHIPS#THEIR AFTERLIVES. 3.00 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

What does the investigation of a dictatorship entail and what are the challenges in such an endeavor? Why (and when) do particular societies turn to an examination of their non-democratic pasts? What does it mean for those who never experienced an authoritarian regime first-hand to remember it through television footage, popular culture, and family stories? This seminar examines dictatorships and the ways in which they are remembered, discussed, examined, and give rise to conflicting narratives in post-dictatorial environments.

It takes as its point of departure the Greek military regime of 1967-1974, which is considered in relation to other dictatorships in South America, Asia, Africa, and Europe. We will be drawing on primary materials including Amnesty International reports, film, performance art, and architectural drawings as well as the works of Hannah Arendt and Günter Grass to engage in an interdisciplinary examination of the ways in which military dictatorships live on as ghosts, traumatic memories, urban warfare, litigation, and debates on the politics of comparison and the ethics of contemporary art

Fall 2022: CLGM UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3005	001/11620	T 12:10pm - 2:00pm 613 Hamilton Hall	Dimitris Antoniou	3.00	15/15

CLGM UN3110 THE OTTOMAN PAST IN THE GREEK PRESENT. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Almost a century after the dissolution of the Ottoman Empire, the Ottoman past lives on in contemporary Greece, often in unexpected sites. In the built environment it appears as mosques, baths, covered markets, and fountains adorned with Arabic inscriptions. It also manifests itself in music, food, and language. Yet Ottoman legacies also shape the European present in less obvious ways and generate vehement debates about identity, nation-building, human rights, and interstate relations. In this course, we will be drawing on history, politics, anthropology, and comparative literature as well as a broad range of primary materials to view the Ottoman past through the lens of the Greek present. What understandings of nation-building emerge as more Ottoman archives became accessible to scholars? How does Islamic Family Law—still in effect in Greece—confront the European legal system? How are Ottoman administrative structures re-assessed in the context of acute socio-economic crisis and migration?

CLGM UN3650 Mental health in Literature from antiquity to futurity. 3.00 points.

This seminar explores the relationship between literature, culture, and mental health. It pays particular emphasis to the poetics of emotions structuring them around the five stages of grief: denial, anger, bargaining, depression, acceptance and the concept of hope. During the course of the semester, we will discuss a variety of content that explores issues of race, socioeconomic status, political beliefs, abilities/disabilities, gender expressions, sexualities, and stages of life as they are connected to mental illness and healing. Emotions are anchored in the physical body through the way in which our bodily sensors help us understand the reality that we live in. By feeling backwards and thinking forwards, we will ask a number of important questions relating to literature and mental health, and will trace how human experiences are first made into language, then into science, and finally into action. The course surveys texts from Homer, Ovid, Aeschylus and Sophocles to Virginia Woolf, Sylvia Plath, C.P. Cavafy, Dinos Christianopoulos, Margarita Karapanou, Katerina Anghelaki-Rooke, Katerina

Gogou etc., and the work of artists such as Toshio Matsumoto, Yorgos Lanthimos, and Anohni

Spring 2023: CLGM UN3650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3650	001/11018	T 2:10pm - 4:00pm 613 Hamilton Hall	Nikolas Kakkoufa	3.00	14/15

CLGM UN3800 WRITING RESISTANCE. 3.00 points.

Set within a transnational and transdisciplinary feminist framework, Writing Resistance will unfold and examine the ways traumatic, lived experiences of gender and structural violence, systematic oppression and precarity, incarceration, racism, and colonialism, have been silenced or submerged in canonical writing and official history making. As an antidote, we will attempt a “queering” of this patriarchal and “colonial archive” (Stoler), by shedding light and focusing on diverse forms of writing, autobiographies and biomythographies, poetry and fiction, and theoretical readings that are either produced by or centered on the lived experiences, psyches and bodies, of women, people of color, dissidents and incarcerated people, queer, transgender, and non-binary individuals, refugees and other historically and systematically marginalized voices and identities. Within the context of what has often been approached as “minor literature” (Deleuze and Guattari), the fragmented truths, interrupted stories, and the “descent to the everyday” (Das), will reveal not only traumas, suffering, and alienation, but also what Veena Das approaches as “poisonous knowledge,” where the gendered, queer, racialized, and political body, solidarity, and silence, return as resistance, reclaiming voices, visibility, and authorship

CLGM UN3920 WORLD RESPONDS TO THE GREEKS. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines various literary, artistic, and cultural traditions that respond to some of the most recognizable Greek motifs in myth, theater, and politics, with the aim of understanding both what these motifs might be offering specifically to these traditions in particular social-historical contexts and, at the same time, what these traditions in turn bring to our conventional understanding of these motifs, how they reconceptualize them and how they alter them. The overall impetus is framed by a prismatic inquiry of how conditions of modernity, postcoloniality, and globality fashion themselves in engagement with certain persistent imaginaries of antiquity.

CLGM UN3921 The World Responds to the Greeks – Modernity, Postcoloniality, Globality- Discussion. 0 points.

This course examines various literary, artistic, and cultural traditions that respond to some of the most recognizable Greek motifs in myth, theater, and politics, with the aim of understanding both what these motifs might be offering specifically to these traditions in particular social-historical contexts and, at the same time, what these traditions in turn bring to our conventional understanding of these motifs, how they reconceptualize them and how they alter them. The overall impetus is framed by a prismatic inquiry of how conditions of

modernity, postcoloniality, and globality fashion themselves in engagement with certain persistent imaginaries of antiquity.

CPLS GU4095 Mobility and Enclosure, Statelessness and Democracy. 4.00 points.

The volume and intensity of human mobility from the Middle East and North Africa to Europe remains dramatically increased nowadays, despite the overall restrictions in mobility imposed by the pandemic conditions worldwide. During the last decade refugee statelessness has evolved into as a quasi-permanent liminal condition of being within the political body of western societies, especially in so called border countries of the European periphery. The continuous expansion and multiplication of camps and hot-spots in countries such as Turkey, Greece, Italy, Spain, etc. has created different states of existence within the national territories, raising a wide range of issues that concern statehood, political rights, the right to equal treatment and access to public goods (i.e., health, education, safety, representation etc.), which concern the core social and political demands of a democratic polity. However, the antinomies and aporias related to refugee statelessness within the nation state are nowadays further aggravated by the pandemic conditions of the last two years. The pandemic has opened up a new space of unprecedented state intervention in the public and private lives of citizens, while reconfiguring the meaning of globalization. Questions of democracy, statehood and statelessness, mobility, access, restriction and enclosure are now re-conditioned under the two-fold historical contingency of refugee life and citizen life in a pandemic. In this course we address these emerging issues through theoretical, literary, legal, historical texts that highlight how long established social and political problems, imbedded in existing structures since the late 20th century, are currently intrinsically re-conditioned. Our intention is to serve a pedagogy that is alert to how the present time affects the social and intellectual life of people across borders and cultures, while retaining deep historical learning that establishes connections between radical new occurrences (such as the Covid pandemic or the refugee problem in the Mediterranean) and long term hard structural patterns

CLGM GU4150 C.P. Cavafy and the poetics of desire. 4 points.

This course takes C. P. Cavafy's oeuvre as a departure point in order to discuss desire and the ways it is tied with a variety of topics. We will employ a number of methodological tools to examine key topics in Cavafy's work such as eros, power, history, and gender. How can we define desire and how is desire staged, thematized, or transmitted through poetry? How does a gay poet write about desired bodies at the beginning of the previous century? What is Cavafy's contribution to the formation of gay identities in the twentieth century? How do we understand the poet's desire for an *archive*? How important is the city for activating desire? How do we trace a poet's afterlife and how does the desire poetry transmits to readers transform through time? How does literature of the past address present

concerns? These are some of the questions that we will examine during this course.

CLGM GU4300 Retranslation: Worlding C. P. Cavafy. 4.00 points.

Focusing on a canonical author is an immensely productive way to explore translation research and practice. The works of Sappho, Dante, Rilke, Césaire or Cavafy raise the question of reception in relation to many different critical approaches and illustrate many different strategies of translation and adaptation. The very issue of intertextuality that challenged the validity of author-centered courses after Roland Barthes's proclamation of the death of the author reinstates it if we are willing to engage the oeuvre as an on-going interpretive project. By examining the poetry of the Greek Diaspora poet C. P. Cavafy in all its permutations (as criticism, translation, adaptation), the Cavafy case becomes an experimental ground for thinking about how a canonical author can open up our theories and practices of translation. For the final project students will choose a work by an author with a considerable body of critical work and translations and, following the example of Cavafy and his translators, come up with their own retranslations. Among the materials considered are commentary by E. M. Forster, C. M. Bowra, and Roman Jakobson, translations by Edmund Keeley and Philip Sherrard, James Merrill, Marguerite Yourcenar, and Daniel Mendelsohn, poems by W.H. Auden, Lawrence Durrell, and Joseph Brodsky, and visual art by David Hockney, and Duane Michals

CLGM W3450 How to do things with Queer Bodies. 3.00 points.

Homosexuality, as a term, might be a relatively recent invention in Western culture (1891) but bodies that acted and appeared queer(ly) existed long before that. This course will focus on acts, and not identities, in tracing the evolution of writing the queer body from antiquity until today. In doing so it will explore a number of multimodal materials – texts, vases, sculptures, paintings, photographs, movies etc. – in an effort to understand the evolution of the ways in which language (written, spoken or visual) registers these bodies in literature and culture. When we bring the dimension of the body into the way we view the past, we find that new questions and new ways of approaching old questions emerge. What did the ancient actually write about the male/female/trans* (homo)sexual body? Did they actually create gender non-binary statues? Can we find biographies of the lives of saints in drag in Byzantium? How did the Victorians change the way in which we read Antiquity? How is the queer body registered in Contemporary Literature and Culture? Can one write the history of homosexuality as a history of bodies? How are queer bodies constructed and erased by scholars? How can we disturb national archives by globalizing the queer canon of bodies through translation? These are some of the questions that we will examine during the semester. The course surveys texts from Homer, Sappho, Aeschylus, Euripides, Plato, Theocritus, Ovid, Dio Chrysostom, Lucian, Walt Whitman, Oscar Wilde, Arthur Symonds, Dinos Christianopoulos, Audre Lorde, Larry

Kramer, Tony Kushner etc., the work of artists such as Yiannis Tsarouchis, Robert Mapplethorpe, Dimitris Papaioannou, Cassils, movies such as 120 battements par minute, and popular TV shows such as Pose

Fall 2022: CLGM W3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3450	001/12573	T 2:10pm - 4:00pm 613 Hamilton Hall	Nikolas Kakkoufa	3.00	15/15

CLGM GU4450 How to do things with Homosexual Bodies. 4.00 points.

Homosexuality, as a term, might be a relatively recent invention in Western culture but bodies that acted and appeared ‘differently’ existed long before that. This course will focus on acts, and not identities, in tracing the evolution of writing the homosexual body from antiquity until today. In doing so it will explore a number of multimodal materials – texts, vases, sculptures, paintings, movies etc. – in an effort to understand the evolution of the ways in which language (written, spoken or visual) registers the homosexual body in literature and culture. When we bring the dimension of the body into the way we view the past, we find that new questions and new ways of approaching old questions emerge. What did the ancient actually write about the homosexual body? Did they actually create gender non-binary statues? Can we find biographies of the lives of saints in drag in Byzantium? How did the Victorians change the way in which we understand homosexual writing in Antiquity? How is the queer body registered in Modern Greek Literature and Culture? Can one write the history of homosexuality as a history of bodies? These are some of the questions that we will examine during the semester

CLGM GU4600 Multilingual America: Translation, Migration, Gender. 4.00 points.

This course introduces students to the rich tradition of literature about and by Greeks in America over the past two centuries exploring questions of multilingualism, translation, migration and gender with particular attention to the look and sound of different alphabets and foreign accents – “It’s all Greek to me!” To what extent can migration be understood as translation and vice versa? How might debates in Diaspora and Translation Studies inform each other and how might both, in turn, elucidate the writing of and about Greeks and other ethnic minorities, especially women? Authors include Olga Broumas, Elia Kazan, Alexandros Papadiamantis, Irini Spanidou, Ellery Queen, Eleni Sikelianos and Thanasis Valtinos as well as performance artists such as Diamanda Galas. Theoretical and comparative texts include works by Walter Benjamin, Rey Chow, Jacques Derrida, Xiaolu Guo, Eva Hoffman, Franz Kafka, Toni Morrison, Vicente Rafael, and Lawrence Venuti, as well as films such as *The Immigrant* and *The Wizard of Oz*. No knowledge of Greek is necessary, although an extra-credit directed reading is open to those wishing to read texts in Greek

CLGM UN3700 Politics of Violence: Conflict, Borders, and the Carceral State. 3.00 points.

Politics of Violence offers an analysis of the role of the state, its mechanisms, and its structures in perpetuating, legitimizing,

and facilitating political, racial and gender based violence worldwide. We will explore the connections and effects of nationalism, militarism, and heteropatriarchy (as structural and ideological elements of the state) as well as neoliberal assaults and practices in the normalization of violence against dissidents, incarcerated populations, refugees, workers, and indigenous communities. We will engage in a theoretical discussion on the salience of particular ideational and material experiences of race, ethnicity, indigeneity, gender and queer identities, political affiliation, in rendering state sponsored, political violence, and torture thinkable. The course aims to shed light on the power structures within militaristic and hypermasculinized state frameworks, and on biopolitical practices that legitimize structural violence against particular communities based on their political, class, gender, ethnic identities or precarious immigration status. In this seminar, we will examine violence, persecution, and dispossession as inherent phenomena of the sovereign nation state, in their continuities and ruptures, during war and conflict, but also in migratory, democratic, and transitional contexts. Students will examine historical and contemporary cases of state sponsored and political violence, systematic violations of human rights in the context of genocide, gendercide, racist violence, colonial terrorism, carceral regimes, and the securitization of forced migration. Lectures and readings provide a comparative, transnational perspective but focus on regional case studies, through a transdisciplinary lens, drawing on international relations, anthropology, gender studies, political theory, and history

CLGM UN3937 THE CULTURE OF DEMOCRACY. 3.00 points.

The point is to examine democracy not as a political system, but as a historical phenomenon characterized by a specific culture: a body of ideas and values, stories and myths. This culture is not homogenous; it has a variety of historical manifestations through the ages but remains nonetheless cohesive. The objective is twofold: 1) to determine which elements in democratic culture remain fundamental, no matter what form they take in various historical instances; 2) to understand that the culture of democracy is indeed not abstract and transcendental but historical, with its central impetus being the interrogation and transformation of society. Special emphasis will be placed on the crisis of democratic institutions in the era of globalization and, as specific case-study in point, the democratic failure in the Mediterranean region in light of the challenges of the assembly movements (Spain, Greece, Arab Spring) and the current migrant/refugee crisis

CLASSICS-GREEK MODERN

CSGM UN3567 THESSALONIKI DOWN THE AGES. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will explore the fascinatingly layered and multicultural history of Thessaloniki, the great city of Northern Greece and the Balkans. We will examine texts, archaeological

evidence, literature, songs, and movies and in general the materialities of the city. We will examine this material from the 6th century BCE down to the 21st cent. CE. We will notably think about the problems of history, identity, and cultural interaction in reaction to recent work such as Mark Mazower's well known *Salonica, City of Ghosts* [2004]

Fall 2022: CSGM UN3567

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSGM 3567	001/11658	W 4:10pm - 6:00pm 613 Hamilton Hall	Paraskevi Martzavou	3.00	19/18

HISTORY-CLASSICS

HSCL UN3000 The Persian Empire . 4 points.

This seminar studies the ancient Persian (Achaemenid) Empire which ruled the entire Middle East from the late 6th to the late 4th centuries BCE and was the first multi-ethnic empire in western Asian and Mediterranean history. We will investigate the empire using diverse sources, both textual and material, from the various constituent parts of the empire and study the different ways in which it interacted with its subject populations. This course is a seminar and students will be asked to submit a research paper at the end of the semester. Moreover, in each class meeting one student will present part of the readings.

Grading: participation (25%), class presentation (25%), paper (50%).

COMPARATIVE LITERATURE-ENGLISH

CLEN UN3720 Plato the Rhetorician. 4 points.

Prerequisites: Instructor's permission (Seminar). Although Socrates takes a notoriously dim view of persuasion and the art that produces it, the Platonic dialogues featuring him both theorize and practice a range of rhetorical strategies that become the nuts and bolts of persuasive argumentation. This seminar will read a number of these dialogues, including *Apology*, *Protagoras*, *Ion*, *Gorgias*, *Phaedrus*, *Menexenus* and *Republic*, followed by Aristotle's *Rhetoric*, the rhetorical manual of Plato's student that provides our earliest full treatment of the art. Application instructions: E-mail Prof. Eden (khe1@columbia.edu) with your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list from which the instructor will in due course admit them as spaces become available.

COGNITIVE SCIENCE

Adviser for Columbia College and School of General Studies students:

Professor John Morrison: jmorriso@barnard.edu

Department website: <https://cogsci.barnard.edu/>

326 Milbank Hall
212-854-4689

Director: Professor John Morrison, jmorriso@barnard.edu

Department Assistant: Maia Bernstein,
mbernste@barnard.edu

Cognitive Science is the cross-disciplinary study of how the mind works, with a focus on perception, reasoning, memory, attention, language, decision-making, motor control, and problem solving. Cognitive scientists often compare minds to computers. In particular, they describe mental processes as computational operations on internal representations. For instance, perception is seen as a representation of the external world that results from sensory stimulation; learning is analyzed as the addition of new representations through interactions with the environment; reasoning is treated as the addition of new representations through operations on existing representations.

Cognitive Science is an interdisciplinary field: it draws on tools and ideas from psychology, neuroscience, linguistics, economics, computer science, and philosophy, with affiliated faculty in each of these disciplines. Psychologists study the computational operations that we use to solve specific tasks; neuroscientists study the implementation of those operations in the brain; linguists study the representations involved in communication; economists study the representations involved in decisions involving uncertainty and reward; computer scientists consider how the processes involved in human cognition fit into a more general theory of computations and a larger space of tasks; and philosophers ask fundamental questions about the nature of representation and computation.

Learning Objectives

Cognitive Science majors will gain fluency in computational methods; a capacity for rigorous and careful thought; a broad understanding of the affiliated disciplines; and a deep understanding of cognition.

Director: John Morrison (Philosophy, Barnard)

Steering Committee:

Mariusz S. Kozak (Music, Columbia)
John McWhorter (Linguistics, Columbia)
John Morrison (Philosophy, Barnard)
Kevin Ochsner (Psychology, Columbia)
Christopher A.B. Peacocke (Philosophy, Columbia)
Robert Remez (Psychology, Barnard)
Ann Senghas (Psychology, Barnard)
Michael Woodford (Economics, Columbia)
Rebecca Wright (Computer Science, Barnard)

Affiliated Faculty:

Mariam Aly (Psychology, Columbia)

Dima Amso (Psychology, Columbia)
 Christopher Baldassano (Psychology, Columbia)
 Peter Balsam (Neuroscience & Behavior; Psychology, Barnard)
 Sian Beilock (President, Barnard)
 Akeel Bilgrami (Philosophy, Columbia)
 Jessica Collins (Philosophy, Columbia)
 Lila Davachi (Psychology, Columbia)
 Mark Dean (Economics, Columbia)
 Aaron A. Fox (Music, Columbia)
 David A. Freedberg (Art History & Archaeology, Columbia)
 Melissa Fusco (Philosophy, Columbia)
 Larisa Heiphetz (Psychology, Columbia)
 Jenann Ismael (Philosophy, Columbia)
 Niko Kriegeskorte (Psychology, Columbia)
 Karen Lewis (Philosophy, Barnard)
 Caroline Marvin (Psychology, Columbia)
 Koleen McCrink (Psychology, Barnard)
 Janet Metcalfe (Psychology, Columbia)
 Christos Papadimitriou (Computer Science, Columbia)
 Daphna Shohamy (Psychology, Columbia)
 Rae Silver (Psychology, Columbia)
 Lisa Son (Psychology, Barnard)
 Alfredo Spagna (Psychology, Columbia)
 Herbert Terrace (Psychology, Columbia)
 Nim Tottenham (Psychology, Columbia)
 Carl Vondrick (Computer Science, Columbia)
 Alex White (Neuroscience and Behavior, Barnard)
 Keren Yarhi-Milo (Political Science, Columbia)

A major in Cognitive Science consists of seven required courses and four electives in a chosen area of specialization culminating in a year-long senior project. The minimum number of courses is 15 and the minimum number of points is 41.

Required courses (7 classes)

- COGS UN1001 Introduction to Cognitive Science
- One course in each of four areas: psychology, neuroscience, philosophy, and linguistics.
- Two courses in a fifth area: mathematical and computational methods. These two courses must be selected in consultation with the program director to make sure they aren't redundant.
- Please see below for the lists of approved courses in each area.

Area of Specialization and Electives (four classes)

Students must choose an area of specialization when they declare the major and choose four electives to build expertise in that area.

- Possible areas of specialization include: spatial learning, musicality, consciousness, emotion, dynamic semantics, natural language processing, talker recognition, computer vision, audiovisual integration, decision science, and neuroeconomics.

- The choice of specialization is flexible; there is not a predefined list. This is an opportunity for students to be creative; a student who has ideas about a new specialization that they would like to pursue may do so with the approval of the program director.
- Although there is no predefined list, each student's area of specialization and choice of electives must be approved by the program director, and there must be at least one faculty member affiliated with the program who has expertise in the student's chosen area.
- The program director will consult with a faculty member who has expertise in the student's area of specialization to ensure that the student's electives will provide sufficient preparation for the senior project.
- Please see the list of possible electives below, but please keep in mind that this list is not definitive. Any Barnard or Columbia (or approved transfer) course that builds expertise in the student's area of specialization may be counted as an elective with the approval of the program director.

Senior Project (four classes)

The senior project ("capstone experience") is a year-long project in a student's area of specialization under the supervision of a chosen advisor. The project could be an experiment or a paper. Students register for the senior project through their sponsor's department (3 credits per semester). Students also register for a year-long majors' seminar (COGS UN3901 Senior Project Seminar in the fall and COGS UN3902 Senior Project Seminar in the spring, 1 credit per semester). The seminar is an opportunity for students to present their projects to each other.

COURSES APPROVED TO COUNT IN EACH AREA:

Psychology

NSBV BC3380	Cognitive Neuroscience
PSYC BC2110	PERCEPTION-LECTURE
PSYC BC2115	COGNITIVE PSYCHOLOGY - LEC
PSYC UN2220	COGNITION: MEMORY AND STRESS
PSYC UN2430	COGNITIVE NEUROSCIENCE

Neuroscience

NSBV BC1001	INTRODUCTION TO NEUROSCIENCE
PSYC UN2450	BEHAVIORAL NEUROSCIENCE

Philosophy

PHIL UN2655	COGNITIVE SCIENCE AND PHILOSOPHY
PHIL UN3252	Philosophy of Language and Mind

PHIL UN3655	TOPICS IN COGNITIVE SCIENCE AND PHILOSOPHY
PHIL UN3912	SEMINAR

Please note that only the "Perception" section of PHIL UN3912 counts.

Linguistics

LING UN3101	INTRODUCTION TO LINGUISTICS
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Mathematical and Computational Methods

Logic and Decision Theory:

ECON GU4850	COGNITIVE MECH # ECON BEHAVIOR
PHIL UN1401	INTRODUCTION TO LOGIC
PHIL UN3411	SYMBOLIC LOGIC
PHIL GU4561	PROBABILITY # DECISION THEORY
PSYC UN2235	THINKING AND DECISION MAKING

Statistics:

ECON BC2411	STATISTICS FOR ECONOMICS
PSYC BC1101	STATISTICS LECTURE AND RECITATION
PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS

Computer Science:

COMS BC1016	Introduction to Computational Thinking and Data Science
COMS W1001	Introduction to Information Science
COMS W1002	COMPUTING IN CONTEXT
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1007	Honors Introduction to Computer Science
COMS W3134	Data Structures in Java
COMS W3136	ESSENTIAL DATA STRUCTURES
COMS W3137	HONORS DATA STRUCTURES # ALGOL
STEM BC2223	PROGRAMMING BEHAV SCIENCES

POSSIBLE ELECTIVES:

ANTH UN1009	INTRO TO LANGUAGE # CULTURE
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COGS GU4050	Natural and Artificial Neural Networks
COGS GU4051	Natural and Artificial Neural Networks Lab
COMS W4170	USER INTERFACE DESIGN
COMS W4701	ARTIFICIAL INTELLIGENCE
COMS W4705	NATURAL LANGUAGE PROCESSING
COMS W4731	Computer Vision I: First Principles
COMS W4771	MACHINE LEARNING
COMS W4772	Advanced Machine Learning
ECON GU4020	ECON OF UNCERTAINTY # INFORMTN
ECON GU4840	BEHAVIORAL ECONOMICS
ECON GU4860	BEHAVIORAL FINANCE
LING GU4202	COGNITIVE LINGUISTICS
LING GU4206	ADV GRAMMAR AND GRAMMARS
LING GU4376	PHONETICS # PHONOLOGY
LING GU4903	SYNTAX
NSBV BC3381	Visual Neuroscience: From the Eyeball to the Mind's Eye
MUSI GU4325	Introduction to Cognitive Musicology
PHIL UN1001	INTRODUCTION TO PHILOSOPHY
PHIL UN2685	INTRO TO PHIL OF LANGUAGE
PHIL UN3685	PHILOSOPHY OF LANGUAGE
PHIL UN3840	The Nature and Significance of Animal Minds
PHIL GU4495	PERCEPTION
PHIL GU4660	PHILOSOPHY OF MIND
PSYC BC1001	INTRODUCTION TO PSYCHOLOGY
PSYC BC2107	PSYCHOLOGY OF LEARNING - LEC
PSYC BC2129	DEVELOPMENTAL PSYCHOLOGY-LEC
PSYC BC2163	Human Learning and Memory
PSYC BC3164	PERCEPTION AND LANGUAGE
PSYC BC3369	Language Development
PSYC BC3372	Comparative Cognition
PSYC BC3381	Theory of Mind and Intentionality
PSYC BC3384	Social Cognition
PSYC BC3390	CANINE COGNITION
PSYC BC3394	METACOGNITION
PSYC BC3399	HUMAN AND MACHINES
PSYC UN1001	THE SCIENCE OF PSYCHOLOGY
PSYC UN2250	Evolution of Cognition
PSYC UN2280	Developmental Psychology

PSYC UN3270	COMPUT APPROACHES-HUMAN VISION
PSYC UN3290	Self: A Cognitive Exploration (Seminar)
PSYC UN3445	THE BRAIN AND MEMORY
PSYC UN3450	Evolution of Intelligence, Animal Communication, # Language
PSYC GU4202	Theories of Change in Human Development
PSYC GU4222	The Cognitive Neuroscience of Aging (Seminar)
PSYC GU4223	MEMORY # EXEC FUNCT:LIFESPAN
PSYC GU4225	CONSCIOUSNESS # ATTENTION
PSYC GU4229	ATTENTION AND PERCEPTION
PSYC GU4239	COG NEURO NARRATIVE FILM
PSYC GU4242	Evolution of Language (seminar)
PSYC GU4244	LANGUAGE AND MIND
PSYC GU4270	COGNITIVE PROCESSES
PSYC GU4280	CORE KNOWLEDGE
PSYC GU4281	The Psychology of Curiosity
PSYC GU4287	DECISION ARCHITECTURE
PSYC GU4289	THE GAMES PEOPLE PLAY:PSYCH OF STRAT DEC
PSYC GU4430	Learning and the Brain (Seminar)
PSYC GU4435	NON-MNEMONIC FUNC OF MEMORY SYSTEMS
SOAR AV4000	SOUND:Music, Math, and Mind

REQUIRED COURSES

Required for all Cognitive Science majors:

COGS UN1001 Introduction to Cognitive Science. 3.00 points.

The goal of cognitive science — and of this course — is to understand how the mind works. Trying to understand our own minds is perhaps the most ambitious and exciting (and difficult) project in all of science, and this project requires tools drawn from fields including experimental psychology, computer science and artificial intelligence, linguistics, vision science, philosophy, anthropology, behavioral economics, and several varieties of neuroscience (among others). This course will introduce you to the major tools and theories from these areas, as they relate to the study of the mind. We will employ these perspectives while exploring the nature of mental processes such as perception, reasoning, memory, attention, imagery, language, intelligence, decision-making, morality—and even attraction and love. In sum, this course will expose you to cognitive science, the assumptions on which it rests, and many of the most important and fascinating results obtained so far

Fall 2022: COGS UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COGS 1001	001/00688	M W 2:40pm - 3:55pm 405 Milbank Hall	John Morrison, Christopher Baldassano	3.00	99/104

COGS UN3901 Senior Project Seminar. 1.00 point.

Discussion of senior research projects during the fall and spring terms that culminate in written and oral senior theses. Each project must be supervised by a cognitive scientist working at Barnard or Columbia

Fall 2022: COGS UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COGS 3901	001/00687	T 4:10pm - 6:00pm 307 Milbank Hall	Robert Remez	1.00	8/12

COGS UN3902 Senior Project Seminar. 1.00 point.

Discussion of senior research projects during the fall and spring terms that culminate in written and oral senior theses. Each project must be supervised by a cognitive scientist working at Barnard or Columbia

Spring 2023: COGS UN3902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COGS 3902	001/00037	T 4:10pm - 6:00pm 306 Milbank Hall	Robert Remez	1.00	8/10

Psychology:

NSBV BC3380 Cognitive Neuroscience. 4 points.

Prerequisites: BC1001 and permission of the instructor. Enrollment limited to 20 students.

Exposition of research and theory in neuroscience with an emphasis on the use of neural imaging techniques (EEG, evoked potentials, MEG, PET, fMRI) for exploring sensation, perception, and cognition in the healthy, intact brain.

PSYC BC2110 PERCEPTION-LECTURE. 3.00 points.

Prerequisites: PSYC BC1001 or permission of the instructor. Lecture course covering an introduction to problems, methods, and research in perception. Discussion of psychological studies of seeing, hearing, touching, tasting, and smelling. Note that this lecture can be taken without its affiliated lab, PSYC BC2109, however, if a student completes this lecture, she cannot enroll in the lab in a later semester. The following Columbia University course is considered overlapping and a student cannot receive credit for both the BC course and the equivalent CU course: PSYC UN1480 Perception and Attention; and PSYC UN2230 Perception and Sensory Processes

Fall 2022: PSYC BC2110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2110	001/00225	M W 10:10am - 11:25am 328 Milbank Hall	Robert Remez	3.00	51/55

PSYC BC2115 COGNITIVE PSYCHOLOGY - LEC. 3.00 points.

Prerequisites: BC1001 or permission of the instructor.

Prerequisites: BC1001 or permission of the instructor. Lecture covering selected topics illustrating the methods, findings, and theories of contemporary cognitive psychology. Topics include attention, memory, categorization, perception, and decision making. Special topics include neuropsychology and cognitive neuroscience. Note that this lecture can be taken without its affiliated lab, PSYC BC2114, however, if a student completes this lecture, she cannot enroll in the lab in a later semester. The following Columbia University courses are considered overlapping and a student cannot receive credit for both the BC course and the equivalent CU course: PSYC UN2220 Cognition: Memory and Stress; and PSYC UN2210 Cognition: Basic Processes

Spring 2023: PSYC BC2115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2115	001/00634	M W 10:10am - 11:25am L1002 Milstein Center	Lisa Son	3.00	83/100

PSYC UN2220 COGNITION: MEMORY AND STRESS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Attendance at the first class is mandatory.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructors permission. Memory, attention, and stress in human cognition

PSYC UN2430 COGNITIVE NEUROSCIENCE. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or equivalent introductory course in Psychology

Prerequisites: PSYC UN1001 or equivalent introductory course in Psychology This course provides an in-depth survey of data and models of a wide variety of human cognitive functions. Drawing on behavioral, neuropsychological, and neuroimaging research, the course explores the neural mechanisms underlying complex cognitive processes, such as perception, memory, and decision making. Importantly, the course examines the logic and assumptions that permit us to interpret brain activity in psychological terms

Spring 2023: PSYC UN2430

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2430	001/14054	M W 2:40pm - 3:55pm 501 Schermerhorn Hall	Mariam Aly	3.00	161/170

Neuroscience**NSBV BC1001 INTRODUCTION TO NEUROSCIENCE. 3.00 points.**

This course is required for all the other courses offered in Neuroscience and Behavior. The course introduces students to the anatomy and physiology of the nervous system. The topics include the biological structure of the nervous system and its different cell types, the basis of the action potential, principles of neurotransmission, neuronal basis of behavior, sleep/wake cycles, and basic aspects of clinical neuroscience

Fall 2022: NSBV BC1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
NSBV 1001	001/00606	T Th 8:40am - 9:55am 405 Milbank Hall	BJ Casey	3.00	88/90

Spring 2023: NSBV BC1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
NSBV 1001	001/00156	T Th 2:40pm - 3:55pm 405 Milbank Hall	Alex White	3.00	94/90

PSYC UN2450 BEHAVIORAL NEUROSCIENCE. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructors permission. Examines the principles governing neuronal activity, the role of neurotransmitter systems in memory and motivational processes, the presumed brain dysfunctions that give rise to schizophrenia and depression, and philosophical issues regarding the relationship between brain activity and subjective experience

Spring 2023: PSYC UN2450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2450	001/14056	M W 10:10am - 11:25am 141 Uris Hall	Alfredo Spagna	3.00	62/65

Philosophy:**PHIL UN2655 COGNITIVE SCIENCE AND PHILOSOPHY. 3 points.**

This course will survey a number of topics at the intersection of cognitive science and philosophy. Potential topics include free will, consciousness, embodied cognition, artificial intelligence, neural networks, and the language of thought.

PHIL UN3252 Philosophy of Language and Mind. 3 points.

This course will provide an introduction to meaning, reference, understanding, and content in language, thought, and perception. A central concern will be the question of the relation of meaning to truth-conditions, and what is involved in language and thought successfully latching on to reality. If you have not already taken an elementary course in first order logic, you will need to catch up in that area to understand some

crucial parts of the course. All the same, the primary concerns of the course will be philosophical, rather than technical.

PHIL UN3655 TOPICS IN COGNITIVE SCIENCE AND PHILOSOPHY. 3.00 points.

This course will focus on one topic at the intersection of cognitive science and philosophy. Potential topics include free will, consciousness, modularity, mental representation, probabilistic inference, the language of thought, and the computational theory of mind

Spring 2023: PHIL UN3655

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3655	001/00586	M W 4:10pm - 5:25pm 207 Milbank Hall	Jennifer McDonald	3.00	37/40

PHIL UN3912 SEMINAR. 3.00 points.

Required of senior majors, but also open to junior majors, and junior and senior concentrators who have taken at least four philosophy courses. This exploration will typically involve writing a substantial research paper. Capped at 20 students with preference to philosophy majors

Fall 2022: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	008/11510	F 10:10am - 12:00pm 716 Philosophy Hall	Melissa Fusco	3.00	9/20
PHIL 3912	020/13957	Th 12:10pm - 2:00pm 716 Philosophy Hall	Katja Vogt	3.00	21/20

Spring 2023: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	003/00034	M 2:10pm - 4:00pm 716 Philosophy Hall	Taylor Carman	3.00	17/20
PHIL 3912	004/19837	Th 2:10pm - 4:00pm 303 Hamilton Hall	Christia Mercer	3.00	5/20
PHIL 3912	018/10879	W 6:10pm - 8:00pm 716 Philosophy Hall	Achille Varzi	3.00	23/24

(Please note that only the "Perception" section of the PHIL UN3912 Seminar counts towards your Cognitive Science major; that section is not offered every year.)

Linguistics

LING UN3101 INTRODUCTION TO LINGUISTICS. 3.00 points.

An introduction to the study of language from a scientific perspective. The course is divided into three units: language as a system (sounds, morphology, syntax, and semantics), language in context (in space, time, and community), and language of the individual (psycholinguistics, errors, aphasia, neurology of language, and acquisition). Workload: lecture, weekly homework, and final examination

Fall 2022: LING UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3101	001/10613	T Th 2:40pm - 3:55pm	John McWhorter	3.00	166/300

309 Havemeyer Hall

Mathematical and Computational Methods

Logic and Decision Theory

ECON GU4850 COGNITIVE MECH # ECON BEHAVIOR. 4.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 Standard economic theory seeks to explain human behavior (especially in economic settings, such as markets) in terms of rational choice, which means that the choices that are made can be predicted on the basis of what would best serve some coherent objective, under an objectively correct understanding of the predictable consequences of alternative actions. Observed behavior often seems difficult to reconcile with a strong form of this theory, even if incentives clearly have some influence on behavior; and the course will discuss empirical evidence (both from laboratory experiments and observations in the field) for some well-established anomalies. But beyond simply cataloguing anomalies for the standard theory, the course will consider the extent to which departures from a strong version of rational choice theory can be understood as reflecting cognitive processes that are also evident in other domains such as sensory perception; examples from visual perception will receive particular attention. And in addition to describing what is known about how the underlying mechanisms work (something that is understood in more detail in sensory contexts than in the case of value-based decision making), the course will consider the extent to which such mechanisms --- while suboptimal from a normative standpoint that treats perfect knowledge of one's situation as costless and automatic --- might actually represent efficient uses of the limited information and bounded information-processing resources available to actual people (or other organisms). Thus the course will consider both ways in which the realism of economic analysis may be improved by taking into account cognitive processes, and ways in which understanding of cognitive processes might be advanced by considering the economic problem of efficient use of limited (cognitive) resources

PHIL UN1401 INTRODUCTION TO LOGIC. 3.00 points.

Explicit criteria for recognizing valid and fallacious arguments, together with various methods for schematizing discourse for the purpose of logical analysis. Illustrative material taken from science and everyday life

Spring 2023: PHIL UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1401	001/00013	M W 4:10pm - 5:25pm 405 Milbank Hall	Christopher Prodoehl	3.00	60/80

PHIL UN3411 SYMBOLIC LOGIC. 4.00 points.

Corequisites: PHILV3413 Required Discussion Section (0 points). Advanced introduction to classical sentential and

predicate logic. No previous acquaintance with logic is required; nonetheless a willingness to master technicalities and to work at a certain level of abstraction is desirable

Fall 2022: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/11474	M W 10:10am - 11:25am 614 Schermerhorn Hall	Tamar Lando	4.00	60/80

Spring 2023: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/10893	T Th 2:40pm - 3:55pm 301 Uris Hall	Achille Varzi	4.00	105/100

PHIL GU4561 PROBABILITY & DECISION THEORY. 3.00 points.

Examines interpretations and applications of the calculus of probability including applications as a measure of degree of belief, degree of confirmation, relative frequency, a theoretical property of systems, and other notions of objective probability or chance. Attention to epistemological questions such as Hume's problem of induction, Goodman's problem of projectibility, and the paradox of confirmation

Fall 2022: PHIL GU4561

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4561	001/11511	F 12:10pm - 2:00pm 716 Philosophy Hall	Haim Gaifman	3.00	20/40

PSYC UN2235 THINKING AND DECISION MAKING. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: an introductory course in psychology.

Prerequisites: an introductory course in psychology. Models of judgment and decision making in both certain and uncertain or risky situations, illustrating the interplay of top-down (theory-driven) and bottom-up (data-driven) processes in creating knowledge. Focuses on how individuals do and should make decisions, with some extensions to group decision making and social dilemmas

Spring 2023: PSYC UN2235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2235	001/14053	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Katherine Fox-Glassman	3.00	129/135

Statistics

ECON BC2411 STATISTICS FOR ECONOMICS. 4.00 points.

Elementary computational methods in statistics. Basic techniques in regression analysis of econometric models. One-hour weekly recitation sessions to complement lectures

Fall 2022: ECON BC2411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 2411	001/00383	T Th 7:40pm - 8:55pm 302 Barnard Hall	Camilo Rubbini	4.00	22/50
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PSYC BC1101 STATISTICS LECTURE AND RECITATION. 4.00 points.

Prerequisites: BC1001 and instructor permission. Enrollment limited to 20 students per recitation section.

Prerequisite (or co-requisite): PSYC BC1001. Lecture course and associated recitation section introducing students to statistics and its applications to psychological research. The course covers basic theory, conceptual underpinnings, and common statistics. The following Columbia University courses are considered overlapping and a student cannot receive credit for both the BC course and the equivalent CU course: STAT UN1001 Introduction to Statistical Reasoning; STAT UN1101 Introduction to Statistics; STAT UN1201 Introduction to Statistics

Fall 2022: PSYC BC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1101	001/00251	M W 2:40pm - 3:55pm L1002 Milstein Center	Doris Zahner	4.00	19/18
PSYC 1101	001/00251	M 4:10pm - 6:00pm 222 Milbank Hall	Doris Zahner	4.00	19/18
PSYC 1101	002/00253	M W 2:40pm - 3:55pm L1002 Milstein Center	Doris Zahner	4.00	17/18
PSYC 1101	002/00253	M 6:10pm - 8:00pm 222 Milbank Hall	Doris Zahner	4.00	17/18
PSYC 1101	003/00252	M W 2:40pm - 3:55pm L1002 Milstein Center	Doris Zahner	4.00	20/18
PSYC 1101	003/00252	W 4:10pm - 6:00pm 222 Milbank Hall	Doris Zahner	4.00	20/18
PSYC 1101	004/00254	M W 2:40pm - 3:55pm L1002 Milstein Center	Doris Zahner	4.00	18/18
PSYC 1101	004/00254	W 6:10pm - 8:00pm 222 Milbank Hall	Doris Zahner	4.00	18/18

Spring 2023: PSYC BC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1101	001/00617	T Th 10:10am - 11:25am 203 Diana Center	Robert Brotherton	4.00	17/20
PSYC 1101	001/00617	Th 12:10pm - 2:00pm 222 Milbank Hall	Robert Brotherton	4.00	17/20
PSYC 1101	002/00618	T Th 10:10am - 11:25am 203 Diana Center	Robert Brotherton	4.00	18/18
PSYC 1101	002/00618	Th 2:10pm - 4:00pm 222 Milbank Hall	Robert Brotherton	4.00	18/18
PSYC 1101	003/00615	M W 11:40am - 12:55pm 328 Milbank Hall	Katherine Thorson	4.00	24/24
PSYC 1101	003/00615	M 2:10pm - 4:00pm 222 Milbank Hall	Katherine Thorson	4.00	24/24

PSYC 1101 004/00616	M W 11:40am - 12:55pm 328 Milbank Hall	Katherine Thorson	4.00	17/18
PSYC 1101 004/00616	M 4:10pm - 6:00pm 516 Milstein Center	Katherine Thorson	4.00	17/18

PSYC UN1610 STATISTICS-BEHAVIORAL SCIENTISTS. 4.00 points.

Lecture and lab. Priority given to psychology majors. Fee \$70.

Prerequisites: PSYC UN1001 or PSYC UN1010 Recommended preparation: one course in behavioral science and knowledge of high school algebra.

Corequisites: PSYC UN1611

Prerequisites: PSYC UN1001 or PSYC UN1010 Recommended preparation: one course in behavioral science and knowledge of high school algebra. Corequisites: PSYC UN1611 Introduction to statistics that concentrates on problems from the behavioral sciences

Fall 2022: PSYC UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1610 001/10036		T Th 11:40am - 12:55pm 200b Schermerhorn Hall	Katherine Fox-Glassman	4.00	41/42

STAT UN1101 INTRODUCTION TO STATISTICS. 3.00 points.

Prerequisites: intermediate high school algebra. Designed for students in fields that emphasize quantitative methods. Graphical and numerical summaries, probability, theory of sampling distributions, linear regression, analysis of variance, confidence intervals and hypothesis testing. Quantitative reasoning and data analysis. Practical experience with statistical software. Illustrations are taken from a variety of fields. Data-collection/analysis project with emphasis on study designs is part of the coursework requirement

Fall 2022: STAT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1101 001/13778		M W 8:40am - 9:55am 517 Hamilton Hall	Alexander Clark	3.00	65/86
STAT 1101 002/13779		M W 11:40am - 12:55pm 717 Hamilton Hall	Alex Pijyan	3.00	79/86
STAT 1101 003/13780		T Th 6:10pm - 7:25pm 702 Hamilton Hall	David Rios	3.00	48/86

Spring 2023: STAT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1101 001/14555		M W 8:40am - 9:55am 312 Mathematics Building	Alexander Clark	3.00	75/86
STAT 1101 002/14556		T Th 10:10am - 11:25am 402 Chandler	Wayne Lee	3.00	68/86

STAT 1101 003/14558	M W 7:40pm - 8:55pm 602 Hamilton Hall	Ronald Neath	3.00	71/86
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STAT UN1201 CALC-BASED INTRO TO STATISTICS. 3.00 points.

Prerequisites: one semester of calculus. Designed for students who desire a strong grounding in statistical concepts with a greater degree of mathematical rigor than in STAT W1111. Random variables, probability distributions, pdf, cdf, mean, variance, correlation, conditional distribution, conditional mean and conditional variance, law of iterated expectations, normal, chi-square, F and t distributions, law of large numbers, central limit theorem, parameter estimation, unbiasedness, consistency, efficiency, hypothesis testing, p-value, confidence intervals, maximum likelihood estimation. Serves as the pre-requisite for ECON W3412

Fall 2022: STAT UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1201 001/13781		T Th 10:10am - 11:25am 602 Hamilton Hall	Joyce Robbins	3.00	84/86
STAT 1201 002/13782		M W 6:10pm - 7:25pm 517 Hamilton Hall	Johannes Wiesel	3.00	67/86
STAT 1201 003/13783		M W 10:10am - 11:25am 517 Hamilton Hall	Dobrin Marchev	3.00	74/86
STAT 1201 004/13784		T Th 2:40pm - 3:55pm 517 Hamilton Hall	Chenyang Zhong	3.00	64/86

Spring 2023: STAT UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1201 001/14233		M W 10:10am - 11:25am 602 Hamilton Hall	Philip Protter	3.00	56/86
STAT 1201 002/14234		M W 8:40am - 9:55am 602 Hamilton Hall	Banu Baydil	3.00	61/86
STAT 1201 003/14235		T Th 10:10am - 11:25am 602 Hamilton Hall	Joyce Robbins	3.00	89/86
STAT 1201 004/14236		M W 6:10pm - 7:25pm 702 Hamilton Hall	Alex Pijyan	3.00	78/86

Computer Science

COMS BC1016 Introduction to Computational Thinking and Data Science. 3.00 points.

This course and its co-requisite lab course will introduce students to the methods and tools used in data science to obtain insights from data. Students will learn how to analyze data arising from real-world phenomena while mastering critical concepts and skills in computer programming and statistical inference. The course will involve hands-on analysis of real-world datasets, including economic data, document collections, geographical data, and social networks. The course is ideal for students looking to increase their digital literacy and expand

their use and understanding of computation and data analysis across disciplines. No prior programming or college-level math background is required

Fall 2022: COMS BC1016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1016	001/00776	T Th 6:10pm - 7:25pm L1103 Diana Center	Antonio Moretti	3.00	27/40

Spring 2023: COMS BC1016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1016	001/00199	M W 2:40pm - 3:55pm L1103 Diana Center	Lisa Soros	3.00	41/43

COMS W1001 Introduction to Information Science. 3 points.

Lect: 3.

Basic introduction to concepts and skills in Information Sciences: human-computer interfaces, representing information digitally, organizing and searching information on the internet, principles of algorithmic problem solving, introduction to database concepts, and introduction to programming in Python.

COMS W1002 COMPUTING IN CONTEXT. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Introduction to elementary computing concepts and Python programming with domain-specific applications. Shared CS concepts and Python programming lectures with track-specific sections. Track themes will vary but may include computing for the social sciences, computing for economics and finance, digital humanities, and more. Intended for nonmajors. Students may only receive credit for one of ENGI E1006 or COMS W1002

Fall 2022: COMS W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1002	001/10798	T Th 1:10pm - 2:25pm 301 Uris Hall	Adam Cannon	4.00	182/201
COMS 1002	002/10984	T Th 2:40pm - 3:55pm 301 Uris Hall	Adam Cannon	4.00	120/200

COMS W1004 Introduction to Computer Science and Programming in Java. 3 points.

Lect: 3.

A general introduction to computer science for science and engineering students interested in majoring in computer science or engineering. Covers fundamental concepts of computer science, algorithmic problem-solving capabilities, and introductory Java programming skills. Assumes no prior programming background. Columbia University students may receive credit for only one of the following two courses: 1004 or 1005.

Fall 2022: COMS W1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1004	001/10985	M W 2:40pm - 3:55pm 417 International Affairs Bldg	Paul Blaer	3	391/398
COMS 1004	002/10986	M W 5:40pm - 6:55pm 501 Northwest Corner	Paul Blaer	3	171/164
COMS 1004	H01/20439	M W 2:40pm - 3:55pm Online Only	Paul Blaer	3	4/40
COMS 1004	H02/20440	M W 5:40pm - 6:55pm Online Only	Paul Blaer	3	3/40

Spring 2023: COMS W1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1004	001/12396	T Th 11:40am - 12:55pm 417 International Affairs Bldg	Adam Cannon	3	240/350
COMS 1004	002/12398	T Th 1:10pm - 2:25pm 417 International Affairs Bldg	Adam Cannon	3	135/350

COMS W1007 Honors Introduction to Computer Science. 3 points.

Lect: 3.

Prerequisites: AP Computer Science with a grade of 4 or 5 or similar experience.

An honors-level introduction to computer science, intended primarily for students considering a major in computer science. Computer science as a science of abstraction. Creating models for reasoning about and solving problems. The basic elements of computers and computer programs. Implementing abstractions using data structures and algorithms. Taught in Java.

COMS W3134 Data Structures in Java. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W1004) or knowledge of Java. Data types and structures: arrays, stacks, singly and doubly linked lists, queues, trees, sets, and graphs. Programming techniques for processing such structures: sorting and searching, hashing, garbage collection. Storage management. Rudiments of the analysis of algorithms. Taught in Java. Note: Due to significant overlap, students may receive credit for only one of the following three courses: COMS W3134, COMS W3136, COMS W3137.

Fall 2022: COMS W3134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/10998	M W 4:10pm - 5:25pm 301 Uris Hall	Brian Borowski	3	216/250

COMS 3134	002/10999	M W 5:40pm - 6:55pm 301 Uris Hall	Brian Borowski	3	154/250
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Spring 2023: COMS W3134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/12399	M W 2:40pm - 3:55pm 417 International Affairs Bldg	Paul Blaer	3	358/398
COMS 3134	002/12400	M W 5:40pm - 6:55pm 501 Northwest Corner	Paul Blaer	3	150/164

COMS W3136 ESSENTIAL DATA STRUCTURES. 4.00 points.

Prerequisites: (COMS W1004) or (COMS W1005) or (COMS W1007) or (ENGI E1006)

Prerequisites: (COMS W1004) or (COMS W1005) or (COMS W1007) or (ENGI E1006) A second programming course intended for nonmajors with at least one semester of introductory programming experience. Basic elements of programming in C and C , arraybased data structures, heaps, linked lists, C programming in UNIX environment, object-oriented programming in C , trees, graphs, generic programming, hash tables. Due to significant overlap, students may only receive credit for either COMS W3134, W3136, or W3137

Fall 2022: COMS W3136

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3136	001/11000	T Th 5:40pm - 6:55pm 310 Fayerweather	Timothy Paine	4.00	31/60

COMS W3137 HONORS DATA STRUCTURES # ALGOL. 4.00 points.

Prerequisites: (COMS W1004) or (COMS W1007)

Corequisites: COMS W3203

Prerequisites: (COMS W1004) or (COMS W1007)

Corequisites: COMS W3203 An honors introduction to data types and structures: arrays, stacks, singly and doubly linked lists, queues, trees, sets, and graphs. Programming techniques for processing such structures: sorting and searching, hashing, garbage collection. Storage management. Design and analysis of algorithms. Taught in Java. Note: Due to significant overlap, students may receive credit for only one of the following three courses: COMS W3134, W3136, or W3137

Spring 2023: COMS W3137

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3137	001/12401	M W 10:10am - 11:25am 627 Seeley W. Mudd Building	Daniel Bauer	4.00	25/50

STEM BC2223 PROGRAMMING BEHAV SCIENCES. 4.00 points.**ELECTIVES****ANTH UN1009 INTRO TO LANGUAGE # CULTURE. 3.00 points.**

This is an introduction to the study of the production, interpretation, and reproduction of social meanings as expressed through language. In exploring language in relation to culture and society, it focuses on how communication informs and transforms the sociocultural environment

Spring 2023: ANTH UN1009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1009	001/00489	T Th 2:40pm - 3:55pm L1103 Diana Center	Elizabeth Green	3.00	59/60

COGS GU4050 Natural and Artificial Neural Networks. 3.00 points.

Artificial neural networks can do amazing things. They can play chess, recognize faces, predict human behavior, learn language, and create art. Natural neural networks -- that is to say, brains -- can do many of the same things, often a little more clumsily. But, unlike artificial networks, they can switch seamlessly between two tasks, learn to perform them without supervision, and do not need to be told to -- actually, they can choose to refuse. Brains provided the initial inspiration for the artificial networks, which is why we call them 'artificial neural networks.' But how deep are the similarities between the two? Do they share more than a few abilities, a similar structure, and a common nomenclature?

COGS GU4051 Natural and Artificial Neural Networks Lab. 1.00 point.

Understanding the powers and limitations of artificial neural networks requires exposure to both concepts and practice. This lab section focuses on the latter, supplementing the conceptual framework from the lecture, Natural and Artificial Neural Networks. The lab focuses on giving students without a background in computer science hands-on experience with basic programming in Python, tools for data science, and a variety of machine learning algorithms

COMS W4170 USER INTERFACE DESIGN. 3.00 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137)

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) Introduction to the theory and practice of computer user interface design, emphasizing the software design of graphical user interfaces. Topics include basic interaction devices and techniques, human factors, interaction styles, dialogue design, and software infrastructure. Design and programming projects are required

Fall 2022: COMS W4170

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 4170	001/11014	M W 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Brian Smith	3.00	119/120
COMS 4170	V01/18003		Brian Smith	3.00	7/99

COMS W4701 ARTIFICIAL INTELLIGENCE. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and any course on probability. Prior knowledge of Python is recommended.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and any course on probability. Prior knowledge of Python is recommended. Provides a broad understanding of the basic techniques for building intelligent computer systems. Topics include state-space problem representations, problem reduction and and-or graphs, game playing and heuristic search, predicate calculus, and resolution theorem proving, AI systems and languages for knowledge representation, machine learning and concept formation and other topics such as natural language processing may be included as time permits

Fall 2022: COMS W4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4701	001/11022	T Th 10:10am - 11:25am 501 Schermerhorn Hall	Ansaf Salleb-Aouissi	3.00	176/189
COMS 4701	002/11023	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Ansaf Salleb-Aouissi	3.00	180/189
COMS 4701	V01/18006		Ansaf Salleb-Aouissi	3.00	19/99

Spring 2023: COMS W4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4701	001/12837	M W 2:40pm - 3:55pm 301 Uris Hall	Tony Dear	3.00	168/220
COMS 4701	002/12838	M W 4:10pm - 5:25pm 501 Schermerhorn Hall	Tony Dear	3.00	149/180
COMS 4701	V01/18057		Tony Dear	3.00	19/99

COMS W4705 NATURAL LANGUAGE PROCESSING.**3.00 points.**

Lect: 3.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructor's permission.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructors permission. Computational approaches to natural language generation and understanding. Recommended preparation: some previous or concurrent exposure to AI or Machine Learning. Topics include information extraction, summarization, machine translation,

dialogue systems, and emotional speech. Particular attention is given to robust techniques that can handle understanding and generation for the large amounts of text on the Web or in other large corpora. Programming exercises in several of these areas

Fall 2022: COMS W4705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/11024	M W 2:40pm - 3:55pm 501 Schermerhorn Hall	Daniel Bauer	3.00	188/189
COMS 4705	H01/20442		Daniel Bauer	3.00	32/50
COMS 4705	V01/18007		Daniel Bauer	3.00	27/99

Spring 2023: COMS W4705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/12839	M W 1:10pm - 2:25pm 417 International Affairs Bldg	Daniel Bauer	3.00	248/250
COMS 4705	002/18033	F 10:10am - 12:40pm 301 Pupin Laboratories	Daniel Bauer	3.00	158/175
COMS 4705	V01/18058		Daniel Bauer	3.00	22/99

COMS W4731 Computer Vision I: First Principles. 3.00 points.

Lect: 3.

Prerequisites: Fundamentals of calculus, linear algebra, and C programming. Students without any of these prerequisites are advised to contact the instructor prior to taking the course.

Introductory course in computer vision. Topics include image formation and optics, image sensing, binary images, image processing and filtering, edge extraction and boundary detection, region growing and segmentation, pattern classification methods, brightness and reflectance, shape from shading and photometric stereo, texture, binocular stereo, optical flow and motion, 2D and 3D object representation, object recognition, vision systems and applications

Fall 2022: COMS W4731

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4731	001/11025	M W 10:10am - 11:25am 214 Pupin Laboratories	Shree Nayar	3.00	43/56
COMS 4731	H01/20095	M W 10:10am - 11:25am Online Only	Shree Nayar	3.00	33/44

COMS W4771 MACHINE LEARNING. 3.00 points.

Lect: 3.

Prerequisites: Any introductory course in linear algebra and any introductory course in statistics are both required. Highly recommended: COMS W4701 or knowledge of Artificial Intelligence.

Prerequisites: Any introductory course in linear algebra and any introductory course in statistics are both required. Highly recommended: COMS W4701 or knowledge of Artificial Intelligence. Topics from generative and discriminative machine learning including least squares methods, support vector machines, kernel methods, neural networks, Gaussian distributions, linear classification, linear regression, maximum likelihood, exponential family distributions, Bayesian networks, Bayesian inference, mixture models, the EM algorithm, graphical models and hidden Markov models. Algorithms implemented in MATLAB

Fall 2022: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/11027	T Th 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Nakul Verma	3.00	113/120

COMS 4771	V01/18009		Nakul Verma	3.00	10/99
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Spring 2023: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/12850	T Th 1:10pm - 2:25pm 451 Computer Science Bldg	Nakul Verma	3.00	62/110
COMS 4771	002/12861	T Th 2:40pm - 3:55pm 451 Computer Science Bldg	Nakul Verma	3.00	63/110
COMS 4771	003/18029	F 1:10pm - 3:40pm 501 Northwest Corner	Nakul Verma	3.00	67/150
COMS 4771	V01/18061		Nakul Verma	3.00	9/99

COMS W4772 Advanced Machine Learning. 3 points.

Lect: 3.

Prerequisites: (COMS W4771) or instructor's permission; knowledge of linear algebra & introductory probability or statistics is required.

An exploration of advanced machine learning tools for perception and behavior learning. How can machines perceive, learn from, and classify human activity computationally?

Topics include appearance-based models, principal and independent components analysis, dimensionality reduction, kernel methods, manifold learning, latent models, regression, classification, Bayesian methods, maximum entropy methods, real-time tracking, extended Kalman filters, time series prediction, hidden Markov models, factorial HMMs, input-output HMMs, Markov random fields, variational methods, dynamic Bayesian networks, and Gaussian/Dirichlet processes. Links to cognitive science.

ECON GU4020 ECON OF UNCERTAINTY # INFORMTN. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 Topics include behavior uncertainty, expected utility hypothesis, insurance, portfolio choice, principle agent problems, screening and signaling, and information theories of financial intermediation

ECON GU4840 BEHAVIORAL ECONOMICS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 Within economics, the standard model of behavior is that of a perfectly rational, self interested utility maximizer with unlimited cognitive resources. In many cases, this provides a good approximation to the types of behavior that economists are interested in. However, over the past 30 years, experimental and behavioral economists have documented ways in which the standard model is not just wrong, but is wrong in ways that are important for economic outcomes. Understanding these behaviors, and their implications, is one of the most exciting areas of current economic inquiry. The aim of this course is to provide a grounding in the main areas of study within behavioral economics, including temptation and self control, fairness and reciprocity, reference dependence, bounded rationality and choice under risk and uncertainty. For each area we will study three things: 1. The evidence that indicates that the standard economic model is missing some important behavior 2. The models that have been developed to capture these behaviors 3. Applications of these models to (for example) finance, labor and development economics As well as the standard lectures, homework assignments, exams and so on, you will be asked to participate in economic experiments, the data from which will be used to illustrate some of the principals in the course. There will also be a certain small degree of classroom 'flipping', with a portion of many lectures given over to group problem solving. Finally, an integral part of the course will be a research proposal that you must complete by the end of the course, outlining a novel piece of research that you would be interested in doing

Spring 2023: ECON GU4840

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4840	001/12157	M W 11:40am - 12:55pm 614 Schermerhorn Hall	Mark Dean	3.00	25/108

ECON GU4860 BEHAVIORAL FINANCE. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 Neoclassical finance theory seeks to explain financial market valuations and fluctuations in terms of investors having rational expectations and being able to trade without costs. Under these assumptions, markets are efficient in that stocks and other assets are always priced just right. The efficient markets hypothesis (EMH) has had an enormous influence over the past 50 years on the financial industry, from pricing to financial innovations, and on policy makers, from how markets are regulated to how monetary policy is set. But

there was very little in prevailing EMH models to suggest the instabilities associated with the Financial Crisis of 2008 and indeed with earlier crises in financial market history. This course seeks to develop a set of tools to build a more robust model of financial markets that can account for a wider range of outcomes. It is based on an ongoing research agenda loosely dubbed "Behavioral Finance", which seeks to incorporate more realistic assumptions concerning human rationality and market imperfections into finance models. Broadly, we show in this course that limitations of human rationality can lead to bubbles and busts such as the Internet Bubble of the mid-1990s and the Housing Bubble of the mid-2000s; that imperfections of markets — such as the difficulty of short-selling assets — can cause financial markets to undergo sudden and unpredictable crashes; and that agency problems or the problems of institutions can create instabilities in the financial system as recently occurred during the 2008 Financial Crisis. These instabilities in turn can have feedback effects to the performance of the real economy in the form of corporate investments

Spring 2023: ECON GU4860

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4860	001/12158	M W 2:40pm - 3:55pm 517 Hamilton Hall	Harrison Hong	3.00	41/86

LING GU4202 COGNITIVE LINGUISTICS. 3.00 points.

Prerequisites: LING UN3101 previously or concurrently. Reading and discussion of scholarly literature on the cognitive approach to language, including: usage-oriented approaches to language, frame semantics, construction grammar, theories of conceptual metaphor and mental spaces; alongside of experimental research on language acquisition, language memory, prototypical and analogous thinking, and the role of visual imagery in language processing

LING GU4206 ADV GRAMMAR AND GRAMMARS. 3.00 points.

Prerequisites: LING UN3101 *LING W3101*.

An investigation of the possible types of grammatical phenomena (argument structure, tense/aspect/mood, relative clauses, classifiers, and deixis). This typological approach is enriched by the reading of actual grammars of languages from Asia, Africa, Australia, and the Americas in which grammatical descriptions are read with an eye to important notional concepts of grammar: reference and categorization, case and role of arguments with predicates (ergativity), tense/aspect/mood. Discussion of meaning is combined with attention to expression (that is, morphology), which yanks our attention towards language change (grammaticalization)

LING GU4376 PHONETICS # PHONOLOGY. 3.00 points.

Prerequisites: LING UN3101

Prerequisites: LING UN3101 An investigation of the sounds of human language, from the perspective of phonetics (articulation and acoustics, including computer-aided acoustic analysis) and phonology (the distribution and function of sounds in individual languages)

Spring 2023: LING GU4376

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4376	001/11723	M W 11:40am - 12:55pm 703 Hamilton Hall	Meredith Landman	3.00	35/50

LING GU4903 SYNTAX. 3.00 points.

Prerequisites: LING UN3101

Prerequisites: LING UN3101 Syntax - the combination of words - has been at the center of the Chomskyan revolution in Linguistics. This is a technical course which examines modern formal theories of syntax, focusing on later versions of generative syntax (Government and Binding) with secondary attention to alternative models (HPSG, Categorical Grammar)

Fall 2022: LING GU4903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4903	001/10588	T Th 11:40am - 12:55pm 303 Hamilton Hall	Meredith Landman	3.00	30/30

NSBV BC3381 Visual Neuroscience: From the Eyeball to the Mind's Eye. 4.00 points.

By absorbing electromagnetic radiation through their eyes, people are able to catch frisbees, recognize faces, and judge the beauty of art. For most of us, seeing feels effortless. That feeling is misleading. Seeing requires not only precise optics to focus images on the retina, but also the concerted action of millions of nerve cells in the brain. This intricate circuitry infers the likely causes of incoming patterns of light and transforms that information into feelings, thoughts, and actions. In this course we will study how light evokes electrical activity in a hierarchy of specialized neural networks that accomplish many unique aspects of seeing. Students will have the opportunity to focus their study on particular aspects, such as color, motion, object recognition, learning, attention, awareness, and how sight can be lost and recovered. Throughout the course we will discuss principles of neural information coding (e.g., receptive field tuning, adaptation, normalization, etc.) that are relevant to other areas of neuroscience, as well as medicine, engineering, art and design

Fall 2022: NSBV BC3381

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
NSBV 3381	001/00615	T 2:10pm - 4:00pm 318 Milbank Hall	Alex White	4.00	12/14

MUSI GU4325 Introduction to Cognitive Musicology. 3.00 points.

This course is an introduction to a variety of key topics in the field of cognitive musicology, including human development, evolution, neural processing, embodied knowledge, memory and anticipation, cross-cultural perspectives, and emotions. The course explores recent research on these topics, as well as ways in which this research can be applied to music scholarship

PHIL UN1001 INTRODUCTION TO PHILOSOPHY. 3.00 points.

Survey of some of the central problems, key figures, and great works in both traditional and contemporary philosophy. Topics and texts will vary with instructor and semester

Fall 2022: PHIL UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1001	001/00406	M W 1:10pm - 2:25pm 203 Diana Center	Christopher Prodoehl	3.00	23/25
PHIL 1001	002/00407	M W 4:10pm - 5:25pm 202 Milbank Hall	Christopher Prodoehl	3.00	23/25
PHIL 1001	003/00779	T Th 8:40am - 9:55am 203 Diana Center	Christina Van Dyke	3.00	27/25
PHIL 1001	004/18812	M W 2:40pm - 3:55pm 413 Hamilton Hall	Mariana Noe	3.00	13/15

Spring 2023: PHIL UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1001	001/00011	T Th 2:40pm - 3:55pm 328 Milbank Hall	Karen Lewis	3.00	42/50
PHIL 1001	002/00012	M W 8:40am - 9:55am 207 Milbank Hall	Taylor Carman	3.00	27/40

PHIL UN2685 INTRO TO PHIL OF LANGUAGE. 3.00 points.

This course gives students an introduction to various topics in the Philosophy of Language

Fall 2022: PHIL UN2685

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2685	001/00408	T Th 10:10am - 11:25am 805 Altschul Hall	Karen Lewis	3.00	30/40

PHIL UN3685 PHILOSOPHY OF LANGUAGE. 3.00 points.

This course is a survey of analytic philosophy of language. It addresses central issues about the nature of meaning, including: sense and reference, speech acts, pragmatics, and the relationship between meaning and use, meaning and context, and meaning and truth

PHIL UN3840 The Nature and Significance of Animal Minds. 3 points.

Humans have a complicated relationship with other animals. We love them, befriend them and save them. We hunt, farm and eat them. We experiment on and observe them to discover more about them and to discover more about ourselves. For many of us, our pets are amongst the most familiar inhabitants of our world. Yet when we try to imagine what is going on in a dog or cat's mind--let alone that of a crow, octopus or bee--many of us are either stumped about how to go about this, or (the science strongly suggests) getting things radically wrong. Is our thought about and behavior towards animals ethically permissible, or even consistent, Can we reshape our habits of thought about

animals to allow for a more rational, richer relationship with the other inhabitants of our planet? In this course, students will reflect on two closely intertwined questions: an ethical question, what sort of relationship ought we to have with animals?; and a metaphysical question, what is the nature of animal minds? Readings will primarily be from philosophy and ethics and the cognitive sciences, with additional readings from literature and biology. There are no prerequisites for this class--it will be helpful but certainly not necessary to have taken previous classes in philosophy (especially ethics and philosophy of mind) or in cognitive science.

PHIL GU4495 PERCEPTION. 3.00 points.

This course addresses the fabulously rich range of issues about the nature of perception, including: perceptual mental representation and its content; computational explanation; justifying beliefs; knowledge and thought about perception; and perception of music. Perception is an interdisciplinary subject par excellence. Readings will be drawn from philosophy and psychology, aesthetics, and artificial intelligence

PHIL GU4660 PHILOSOPHY OF MIND. 3.00 points.**PSYC BC1001 INTRODUCTION TO PSYCHOLOGY. 3.00 points.**

This course is a prerequisite for the Psychology Major, as well as for most other Barnard PSYC courses (be sure to check all course information before enrolling in a course). The following Columbia University courses are considered overlapping and a student cannot receive credit for both the BC course and the equivalent CU course: UN1001 The Science of Psychology; and UN1021 Science of Psychology: Explorations/Applications

Fall 2022: PSYC BC1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/00216	T Th 8:40am - 9:55am 304 Barnard Hall	E'mett McCaskill	3.00	127/120
PSYC 1001	002/00217	M W 4:10pm - 5:25pm 328 Milbank Hall	Patricia Stokes	3.00	46/55
PSYC 1001	003/00218	T Th 1:10pm - 2:25pm 323 Milbank Hall	Danielle Sussan	3.00	66/70
PSYC 1001	004/00219	T Th 10:10am - 11:25am 323 Milbank Hall	Kathleen Taylor	3.00	64/70

Spring 2023: PSYC BC1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/00594	T Th 11:40am - 12:55pm 304 Barnard Hall	E'mett McCaskill	3.00	143/150
PSYC 1001	002/00595	M W 4:10pm - 5:25pm 328 Milbank Hall	Patricia Stokes	3.00	48/55
PSYC 1001	003/00596	M W 10:10am - 11:25am 328 Milbank Hall	Caroline Arout	3.00	51/55
PSYC 1001	004/00597	M W 2:40pm - 3:55pm	Svetlana Komissarouk	3.00	49/70

LI002 Milstein
Center

PSYC BC2107 PSYCHOLOGY OF LEARNING - LEC. 3.00 points.

Prerequisites: BC1001 Introduction of Psychology or permission of the instructor. Enrollment limited to 72 students.

Prerequisites: PSYC BC1001 Introduction of Psychology or permission of the instructor. Lecture course covering the basic methods, results, and theory in the study of how experience affects behavior. The roles of early exposure, habituation, sensitization, conditioning, imitation, and memory in the acquisition and performance of behavior are studied.

The following Columbia University course is considered overlapping and a student cannot receive credit for both the BC course and the equivalent CU course: PSYC UN1440 Experimental: Learning and Motivation

Fall 2022: PSYC BC2107

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2107	001/00224	T Th 11:40am - 12:55pm 202 Altschul Hall	Peter Balsam	3.00	114/120

PSYC BC2129 DEVELOPMENTAL PSYCHOLOGY-LEC. 3.00 points.

Prerequisites: BC1001 or permission of the instructor.

Prerequisites: BC1001 or permission of the instructor. Lecture course covering cognitive, linguistic, perceptual, motor, social, affective, and personality development from infancy to adolescence. Note that this lecture can be taken without its affiliated lab, PSYC BC2128, however, if a student completes this lecture, she cannot enroll in the lab in a later semester.

The following Columbia University course is considered overlapping and a student cannot receive credit for both the BC course and the equivalent CU course: PSYC UN2280 Introduction to Developmental Psychology

Fall 2022: PSYC BC2129

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2129	001/00226	M W 2:40pm - 3:55pm 504 Diana Center	Koleen McCrink	3.00	67/70

Spring 2023: PSYC BC2129

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2129	001/00673	M W 2:40pm - 3:55pm 504 Diana Center	Ann Senghas	3.00	50/60

PSYC BC2163 Human Learning and Memory. 3 points.

Prerequisites: BC1001 and at least one psychology lab course, or permission of the instructor. Enrollment limited to 20 students.

Survey of contemporary theories and empirical research on human memory. Topics will include sensory, short term and long term memory, levels of processing, organization, forgetting, and encoding specificity. Special topics include

eyewitness testimony, amnesia, implicit memory, and false memory.

PSYC BC3164 PERCEPTION AND LANGUAGE. 4.00 points.

Prerequisites: BC 1001 and one of the following:

BC2106/2107, BC2109/2110, BC2118/2119, BC2128/2129, or permission of the instructor. Enrollment limited to 20 students. Psychological investigations of spoken communication from a listener's perspective. Topics include perception and sounds of speech and the apprehension of meaning from words and utterances; the perceptual basis for rhyme and rhythm in speech; and the natural history of vocal communication.

Spring 2023: PSYC BC3164

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3164	001/00611	W 6:10pm - 8:00pm 302 Milbank Hall	Robert Remez	4.00	10/15

PSYC BC3369 Language Development. 4 points. Not offered during 2022-23 academic year.

Prerequisites: BC1001, one Psychology laboratory course, one of the following: PSYC W2240, BC1128/1129, BC1129, or LIN BC V1101, and permission of the instructor. Enrollment limited to 15 students.

Examines the acquisition of a first language by children, from babbling and first words to complex sentence structure and wider communicative competence. Signed and spoken languages, cross-linguistic variation and universalities, language genesis and change, and acquisition by atypical populations will be discussed.

PSYC BC3372 Comparative Cognition. 4 points. Not offered during 2022-23 academic year.

Prerequisites: BC1001 and one additional course in psychology. Or permission of the instructor. Enrollment limited to 20 students.

Review and critical evaluation of current empirical research investigating cognitive processes in both human and non-human species. Topics include comparisons in episodic memory, metacognition, theory of mind, self-awareness, and language abilities.

PSYC BC3381 Theory of Mind and Intentionality. 4 points. Not offered during 2022-23 academic year.

Prerequisites: BC1001 and one other Psychology course, or permission of the instructor. Enrollment limited to 15 students. Survey and critical analysis of the developmental and neurological research on theory of mind -the attribution of mental states like belief, desire, and knowledge to others-in humans and nonhuman animals. Emphasis on the role of intentionality, stages of acquisition, neurological and genetic bases, and deficits in theory of mind.

PSYC BC3384 Social Cognition. 4 points.
Not offered during 2022-23 academic year.

Prerequisites: BC 1001 and one of the following: BC1138/1137 Social Psychology, BC1115/1114 Cognitive Psychology, or permission of the instructor.

Survey of research from the field of social cognition, exploring cognitive processes involved in social functioning. Topics include attention, interpretation, evaluation, judgment, attribution, and memory processes. Both controlled and automatic processes will be considered, and the roles of motives, goals, and affective variables will be discussed.

PSYC BC3390 CANINE COGNITION. 4.00 points.

Prerequisites: BC1001 and one other Psychology course. Enrollment limited to 15 students. Permission of the instructor is required. An examination of the scientific study of the domestic dog. Emphasis will be on the evolutionary history of the species; the dogs social cognitive skills; canid perceptual and sensory capacities; dog-primate comparative studies; and dog-human interaction

Spring 2023: PSYC BC3390

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3390	001/00605	T 10:10am - 12:00pm 318 Milbank Hall	Alexandra Horowitz	4.00	15/15

PSYC BC3394 METACOGNITION. 4.00 points.

Prerequisites: BC1001, and one psychology laboratory course; final enrollment determined on the first day of class Metacognition is one of the latest psychological buzzwords, but what exactly is metacognition? Metacognition enables us to be successful learners, problem solvers, and decision makers, and as often been used synonymously with words such as language, awareness, and consciousness. In this seminar, we will examine various components of metacognition, including its role in learning and memory, and its existence in various non-human populations. In addition, we will explore the fragility of metacognition, including illusions of confidence and harmful control strategies that people use. Readings will include classic and important recent papers in the field, looking at metacognition as a higher-level cognitive process, and as knowledge individuals use to guide behavior

Fall 2022: PSYC BC3394

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3394	001/00245	M 10:10am - 12:00pm LI017 Milstein Center	Lisa Son	4.00	20/20

PSYC BC3399 HUMAN AND MACHINES. 4.00 points.

Prerequisites: (PSYC BC1001) and Instructor approval
 Prerequisites: (PSYC BC1001) and Instructor approval This course will examine the social psychology of Human-Machine interactions, exploring the idea that well-established social psychological processes play critical roles in interactions with non-social objects. The first half of the seminar will examine

the social psychology of perception across distinct sensory modalities (shape, motion, voice, touch), whereas the second half will focus on social psychological processes between humans and non-human entities (objects, computers, robots)

PSYC UN1001 THE SCIENCE OF PSYCHOLOGY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment may be limited. Attendance at the first two class periods is mandatory.

Prerequisites: BLOCKED CLASS. EVERYONE MUST JOIN WAITLIST TO BE ADMITTED

Prerequisites: BLOCKED CLASS. EVERYONE MUST JOIN WAITLIST TO BE ADMITTED Broad survey of psychological science including: sensation and perception; learning, memory, intelligence, language, and cognition; emotions and motivation; development, personality, health and illness, and social behavior. Discusses relations between the brain, behavior, and experience. Emphasizes science as a process of discovering both new ideas and new empirical results. PSYC UN1001 serves as a prerequisite for further psychology courses and should be completed by the sophomore year

Fall 2022: PSYC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/10032	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3.00	201/189
PSYC 1001	002/10033	M W 1:10pm - 2:25pm 501 Schermerhorn Hall	Tina Kao	3.00	123/189
PSYC 1001	003/10034	M W 10:10am - 11:25am 501 Schermerhorn Hall	Svetlana Rosis	3.00	200/189
PSYC 1001	AU2/18762	M W 1:10pm - 2:25pm 501 Schermerhorn Hall	Tina Kao	3.00	4/5
PSYC 1001	AU3/18763	M W 10:10am - 11:25am 501 Schermerhorn Hall	Svetlana Rosis	3.00	5/5

Spring 2023: PSYC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/14043	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3.00	181/200
PSYC 1001	002/14044	M W 8:40am - 9:55am 301 Uris Hall	Lawrence Reed	3.00	189/230

PSYC UN2250 Evolution of Cognition. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

A systematic review of different forms of cognition as viewed in the context of the theory of evolution. Specific topics include the application of the theory of evolution to behavior, associative learning, biological constraints on learning, methods for studying the cognitive abilities of animals, levels of representation, ecological influences on cognition, and evidence of consciousness in animals.

PSYC UN2280 Developmental Psychology. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment may be limited. Attendance at the first two classes is mandatory.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the equivalent.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the equivalent. Introduction to the scientific study of human development, with an emphasis on psychobiological processes underlying perceptual, cognitive, and emotional development

Fall 2022: PSYC UN2280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2280	001/10038	T Th 4:10pm - 5:25pm 207 Mathematics Building	Nim Tottenham	3.00	119/125

PSYC UN3270 COMPUT APPROACHES-HUMAN VISION. 3.00 points.

This course will be offered in Fall 2016.

Prerequisites: some background in psychology and/or neurophysiology (e.g., PSYC UN1001, PSYC UN1010, PSYC UN2230, PSYC UN2450; BIOL UN3004 or BIOL UN3005) is desirable. See instructor if you have questions about your background. Some background in mathematics and computer science (e.g., calculus or linear algebra, a programming language) is highly recommended.

Prerequisites: some background in psychology and/or neurophysiology (e.g. PSYC UN1001, PSYC UN1010, PSYC UN2230, PSYC UN2450; BIOL UN3004 or BIOL UN3005) is desirable. See instructor if you have questions about your background. Some background in mathematics and computer science (e.g. calculus or linear algebra, a programming language) is highly recommended. Study of human vision--both behavioral and physiological data--within a framework of computational and mathematical descriptions. Please contact Prof. Graham by e-mail (nvg1@columbia.edu) if you are interested in this course

PSYC UN3290 Self: A Cognitive Exploration (Seminar). 4 points.

Not offered during 2022-23 academic year.

Prerequisites: PSYC UN1001 or PSYC UN1010, or the equivalent, plus the instructor's permission.

What does it mean to have a sense of self? Is it uniquely human? Taking a cognitive perspective, we will discuss these questions as well as self-reflective and self-monitoring abilities, brain structures relevant to self-processing, and disorders

of self. We will also consider the self from evolutionary, developmental, neuroscience, and psychopathological perspectives.

PSYC UN3445 THE BRAIN AND MEMORY. 4.00 points.

Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology and the instructor's permission

Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology and the instructors permission This seminar will give a comprehensive overview of episodic memory research: what neuroimaging studies, patient studies, and animal models have taught us about how the brain creates, stores, and retrieves memories

Fall 2022: PSYC UN3445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3445	001/10052	M 2:10pm - 4:00pm 405 Schermerhorn Hall	Mariam Aly	4.00	12/12

PSYC UN3450 Evolution of Intelligence, Animal Communication, # Language. 3.00 points.

Prerequisites: PSYC UN1001 or PSYC UN1010, and the instructor's permission.

Prerequisites: PSYC UN1001, and the instructors permission. A systematic review of the evolution language covering the theory of evolution, conditioning theory, animal communication, ape language experiments, infant cognition, preverbal antecedents of language and contemporary theories of language

Fall 2022: PSYC UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3450	001/10053	T 2:10pm - 4:00pm 405 Schermerhorn Hall	Herbert Terrace	3.00	11/12

Spring 2023: PSYC UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3450	001/14059	Th 2:10pm - 4:00pm 405 Schermerhorn Hall	Herbert Terrace	3.00	11/12

PSYC GU4202 Theories of Change in Human Development. 4.00 points.

What are the agents of developmental change in human childhood? How has the scientific community graduated from nature versus nurture, to nature and nurture? This course offers students an in-depth analysis of the fundamental theories in the study of cognitive and social development

Fall 2022: PSYC GU4202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4202	001/10046	W 10:10am - 12:00pm 405 Schermerhorn Hall	Dima Amso	4.00	13/15

Spring 2023: PSYC GU4202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PSYC 4202 001/14096 W 10:10am - Dima Amso 4.00 11/18
12:00pm
200c Schermerhorn
Hall

PSYC GU4222 The Cognitive Neuroscience of Aging (Seminar). 4 points.

Prerequisites: courses in introductory psychology and cognitive psychology; and the instructor's permission.

Comprehensive overview of various conceptual and methodologic approaches to studying the cognitive neuroscience of aging. The course will emphasize the importance of combining information from cognitive experimental designs, epidemiologic studies, neuroimaging, and clinical neuropsychological approaches to understand individual differences in both healthy and pathological aging.

PSYC GU4223 MEMORY # EXEC FUNCT:LIFESPAN. 4.00 points.

Prerequisites: the instructor's permission, plus PSYC UN1001 or PSYC UN1010, or the equivalent. Optimal preparation will include some background in experimental design and statistics.

Prerequisites: the instructor's permission, plus PSYC UN1001 or PSYC UN1010, or the equivalent. Optimal preparation will include some background in experimental design and statistics. Memory and executive processing are critical cognitive functions required for successfully navigating everyday life.

In lifespan studies, both exhibit relatively long developmental trajectories followed by stasis and then relative decline in old age. Yet, neither memory nor executive function is a unitary construct. Rather, each is comprised of separable components that may show different developmental trajectories and declines or maintenance at older ages. Moreover, memory is malleable and is a reconstruction of past experience, not an exact reproduction. We will discuss a range of topics related to the development, maintenance and potential decline in memory and executive function from infancy through old age

PSYC GU4225 CONSCIOUSNESS # ATTENTION. 4.00 points.

Prerequisites: the instructor's permission; some basic knowledge of cognitive science and neuroanatomy is desirable, but not necessary.

Modern theories attempt to characterize the human mind in terms of information processing. But machines that process information do not seem to feel anything; a computer may for instance receive inputs from a video camera, yet it would be hard to imagine that it sees or experiences the vividness of colors like we do. Nobody has yet provided a convincing theory as to how to explain the subjective nature of our mental lives in objective physical terms. This is called the problem of consciousness, and is generally considered to be one of the last unsolved puzzles in science. Philosophers even debate whether there could be a solution to this problem at all. Students in this course may be recruited for participation in a voluntary research study. Students who choose not to participate in the study will complete the same course requirements as those who do, and

an individual's choice will not affect their grade or status as a student in the course

Spring 2023: PSYC GU4225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4225	001/14097	T 12:10pm - 2:00pm 200c Schermerhorn Hall	Alfredo Spagna	4.00	12/12

PSYC GU4229 ATTENTION AND PERCEPTION. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology
Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology This seminar aims to provide an in-depth overview of neuroscientific knowledge regarding two critical cognitive functions: attention and perception. For each topic, results from behavioral studies are combined with those from recent neurocognitive approaches – primarily neuropsychological and functional brain imaging studies – that reveal the underlying neural networks and brain mechanisms

PSYC GU4239 COG NEURO NARRATIVE FILM. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN1010 or Equivalent introductory course in neuroscience or cognitive psychology
Prerequisites: (PSYC UN1010 or Equivalent introductory course in neuroscience or cognitive psychology This seminar will provide a broad survey of how narrative stories, films, and performances have been used as tools to study cognition in psychology and neuroscience

Fall 2022: PSYC GU4239

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4239	001/10050	M 10:10am - 12:00pm 200c Schermerhorn Hall	Christopher Baldassano	3.00	13/12

PSYC GU4242 Evolution of Language (seminar). 3.00 points.

Prerequisites: PSYC UN1001 or
This seminar will consider the evolution of language at the levels of the word and grammar, in each instance, phylogenetically and ontogenetically. Since humans are the only species that use language, attention will be paid to how language differs from animal communication.

Spring 2023: PSYC GU4242

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4242	001/14099	T 2:10pm - 4:00pm 405 Schermerhorn Hall	Herbert Terrace	3.00	10/12

PSYC GU4244 LANGUAGE AND MIND. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 and Preferably, an additional course in psychology, focusing on cognition, development, or research methods. Instructor permission required.

Prerequisites: PSYC UN1001 and Preferably, an additional course in psychology, focusing on cognition, development, or research methods. Instructor permission required. This seminar explores the relationship between language and thought by investigating how language is mentally represented and processed; how various aspects of language interact with each other; and how language interacts with other aspects of cognition including perception, concepts, world knowledge, and memory. Students will examine how empirical data at the linguistic, psychological, and neuroscientific levels can bear on some of the biggest questions in the philosophy of mind and language and in psychology

PSYC GU4270 COGNITIVE PROCESSES. 3.00 points.

Prerequisites: For undergraduates: one course in cognitive psychology or cognitive neuroscience, or the equivalent, and the instructor's permission.

Prerequisites: For undergraduates: one course in cognitive psychology or cognitive neuroscience, or the equivalent, and the instructor's permission. Metacognition and control processes in human cognition. Basic issues include the cognitive mechanisms that enable people to monitor what they know and predict what they will know, the errors and biases involved in self-monitoring, and the implications of metacognitive ability for people's self-determined learning, behavior, and their understanding of self

Spring 2023: PSYC GU4270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4270	001/14100	T 12:10pm - 2:00pm 405 Schermerhorn Hall	Janet Metcalfe	3.00	13/12

PSYC GU4280 CORE KNOWLEDGE. 4.00 points.

Prerequisites: For undergraduates: courses in introductory psychology, cognitive or developmental psychology, and the instructor's permission.

Prerequisites: For undergraduates: courses in introductory psychology, cognitive or developmental psychology, and the instructor's permission. Core Knowledge explores the origins and development of knowledge in infants and children, with an additional emphasis on evolutionary cognition. In this course, we will examine evidence from cognitive psychology, developmental psychology, comparative psychology, neuroscience, and linguistics to look at the child's conception of objects, number, space, language, agency, morality and the social world. We will look at which aspects of knowledge are uniquely human, which are shared with other animals, and how this knowledge changes as children develop

Spring 2023: PSYC GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4280	001/14101	W 2:10pm - 4:00pm 405 Schermerhorn Hall	Koleen McCrink	4.00	14/16

PSYC GU4281 The Psychology of Curiosity. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or equivalent introductory psychology course

Prerequisites: PSYC UN1001 or equivalent introductory psychology course What is curiosity and how do we study it? How does curiosity facilitate learning? This course will explore the various conceptual and methodological approaches to studying curiosity and curiosity-driven learning, including animal and human studies of brain and behavior

PSYC GU4287 DECISION ARCHITECTURE. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN2235) or an equivalent course on judgment and decision making .AND the instructor's permission

Prerequisites: (PSYC UN2235) or an equivalent course on judgment and decision making .AND the instructor's permission This course reviews current research in the domain of decision architecture: the application of research in cognitive and social psychology to real-world situations with the aim of influencing behavior. This seminar will discuss recent and classic studies, both of decision theory and of applied decision research, to explore the effectiveness—as well as the limitations—of a selection of these behavioral “nudges.”

Spring 2023: PSYC GU4287

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4287	001/14102	W 10:10am - 12:00pm 405 Schermerhorn Hall	Katherine Fox-Glassman	4.00	11/12

PSYC GU4289 THE GAMES PEOPLE PLAY: PSYCH OF STRAT DEC. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN2235) or equivalent course on judgment and decision-making

Prerequisites: (PSYC UN2235) or equivalent course on judgment and decision-making A seminar course exploring strategic decision making (also known as behavioral game theory). This course examines the psychology underlying situations in which outcomes are determined by choices made by multiple decision makers. The prime objective will be to examine the use of experimental games to test psychological theories

PSYC GU4430 Learning and the Brain (Seminar). 4 points.

Prerequisites: courses in introductory psychology and/or neuroscience, and the instructor's permission.

What are the neural mechanisms that support learning, memory, and choices? We will review current theories in the cognitive neuroscience of human learning, discuss how learning and decision making interact, and consider the strengths and weaknesses of two influential methods in the study of human brain and behavior—functional imaging and patient studies.

PSYC GU4435 NON-MNEMONIC FUNC OF MEMORY SYSTEMS. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN1010) or equivalent introductory course in neuroscience or cognitive psychology

Prerequisites: (PSYC UN1010) or equivalent introductory course in neuroscience or cognitive psychology The past decade has produced an extraordinary amount of evidence that challenges the classic view of a “medial temporal lobe memory system”, namely, the idea that the medial temporal lobe plays a necessary role in long-term memory but not other cognitive functions. This course will introduce these challenges to the traditional perspective by exploring functions of the so-called memory system in domains outside of long-term memory

Fall 2022: PSYC GU4435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4435	001/10055	F 2:10pm - 4:00pm 405 Schermerhorn Hall	Mariam Aly	4.00	9/12

SOAR AV4000 SOUND:Music, Math, and Mind. 3.00 points.

This course is a detailed and hands-on (ears-on) exploration of the fundamental physical, physiological, and psychological aspects of sound. Topics covered include sound waves and their physical nature, the propagation and speed of sound in different mediums, geological and other non-living sound sources, animal and insect sound generating strategies, sound perception mechanisms and abilities in different species, the physiology of human hearing and the structure of the human ear, psycho-acoustics and human sound perception, sonic illusions and tricks of the ear. In-class experiments and research make up the majority of the class. Each student will design and lead at least one experiment/demo session. Students also respond to creative weekly prompts about sound topics on courseworks. We also have visits with a number of special guests during the term

COLLOQUIA, INTERDEPARTMENTAL SEMINARS, AND PROFESSIONAL SCHOOL OFFERINGS

Occasionally, and for a variety of reasons, faculty offer courses outside of the existing structure of Arts and Sciences academic departments. Such courses may be colloquia: team-taught interdisciplinary courses; interdepartmental seminars explicitly offered by two or more academic departments; or undergraduate-specific courses offered by faculty outside of the Arts and Sciences. All of these courses may be counted toward the undergraduate degree, but it is for the faculty of each department or program to determine whether or not they can count toward a major or concentration.

INTERDEPARTMENTAL SEMINARS

CNNS UN3900 INDEPENDENT RESEARCH NUCLEAR NONPROLIFERATION. 1.00-4.00 points.

Prerequisites: The written permission of the faculty member is required. Points: 1-4 The opportunity to conduct an independent research project in nuclear nonproliferation studies is open to all majors. A product and detailed report is presented by the student when the project is completed. Section 1: Emlyn Hughes Section 2: Ivana N. Hughes Section 3: Monica Rouco-Molina

INSM UN3920 NOBILITY/CIVILITY: EAST/WEST I. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: one semester of Contemporary Civilization or Literature Humanities, or an equivalent course, and the instructor's permission.

This interdisciplinary colloquium is designed to provide a comparative examination of core human concerns and values across cultures from the ancient to early modern period. This is a discussion-driven course that depends on a close reading of several key literary, philosophical, political, and religious texts from Asia, Africa, and Europe. Prerequisites: one semester of Contemporary Civilization or Literature Humanities, or an equivalent course. A team-taught multicultural, interdisciplinary course examining traditions of leadership and citizenship as they appear in the key texts of early Indian, Islamic, Far Eastern, and Western civilizations. One goal is to identify and examine common human values and issues evident in these texts while also recognizing key cultural differences

INSM UN3921 Nobility and Civility II. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: one semester of Contemporary Civilization or Literature Humanities, or an equivalent course, and the instructor's permission.

A team-taught multicultural, interdisciplinary course examining traditions of leadership and citizenship as they appear in the key texts of early Indian, Islamic, Far Eastern, and Western civilizations. One goal is to identify and examine common human values and issues evident in these texts while also recognizing key cultural differences

INSM W3950 Friendship in Asian and Western Civilization. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement Enrollment limited to 22.

The colloquium studies ideals and practices of friendship in East Asia and the West. How have two great civilizations understood exemplary friendship in changing historical settings? Literary, historical, and social science approaches. Students are expected to participate actively and to write a substantial paper, working closely with one or both instructors.

INSM C3940 Science Across Cultures. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement Enrollment limited. Open to seniors and some qualified juniors. Priority given to seniors. **Not offered during 2022-23 academic year.**

Development of scientific thought from various cultures and from antiquity till the time of the European Renaissance. Provides examples of the process by which scientific thinking has developed and illustrates that, although science may not have always developed in a linear fashion, the problems science was called upon to solve exhibited a continuity that crossed cultural, linguistic, and religious borders.

FSEB UN1020 Food and the Body. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

This course will use an evolutionary perspective to focus on what humans need to eat for survival and health. We will examine how and why sufficient and optimal diets can be obtained through a range of dietary patterns, and how those patterns were rooted in different geographic and cultural regions. We will also compare current patterns with those of humans from 200,000, 12,000 and 100 years ago, and where it is instructive, we will compare the food intake and food system of other animals. Throughout the course, the environmental impact of a given dietary pattern will be considered, and where possible, the economic determinants of individual food intake will be reviewed. We will incorporate a lifespan perspective throughout the course.

FSPH UN1100 FOOD, PUBLIC HEALTH & PUBLIC POLICY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

The course will provide an introduction to the science, policy, politics, and economics related to food as a critical element

of public health. The course will have a primary focus on the US, but will include a global perspective. Students will learn and apply the fundamentals of public health scientific research methods and theoretical approaches to assessing the food landscape through a public health lens. In addition, the course will cover how nutrition – at first glance a matter of individual choice – is determined by an interconnected system of socio-economic-environmental influences, and is influenced by a multitude of stakeholders engaged in policymaking processes. The course will be structured into four “themes”: 1) Why food is a public health priority, 2) Evidence, causal inference and measurement and its role in understanding and designing public health research on food, 3) The food environment, and 4) Change agents and levers: individuals, policy, and politics in food and public health. The course will use a systems thinking approach and systems thinking tools to examine and understand the interconnectedness of the social, economic, environmental, political and economic influences and consequences that affect food and public health. This course partially fulfills the Science Requirement as a science course for non-science majors

Fall 2022: FSPH UN1100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FSPH 1100	010/11946	T Th 4:10pm - 5:25pm 825 Seeley W. Mudd Building	Anne Paxton, Lauren Westley	3.00	33/30

CGTH UN3401 Seminar in Global Thought: Inquiries into an Interconnected World. 4 points.

This course on global thought will consider the ways in which we think about, debate, and give meaning to the interconnected world in which we live. In thematically focused collaborative teams, students will examine how the flows of people, things and ideas across national borders both connect our world and create uneven consequences within and among communities.

We will locate ourselves in these processes, suggesting we need go no further than our closets, tables, and street corners to consider the meanings of globalization and our roles in the world today. This course has been approved to partially satisfy the Global Core requirement.

CGTH UN3402 YOUTH-INTERCONNECTED WRLD.

4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

What does it mean to be 20 years old in our rapidly changing, interconnected world? There are more youth (aged 15-25) in the world today than at any other time in history, with the majority living in the developing world. They approach adulthood as the world confronts seismic shifts in the geopolitical order, in the nature and future of work, and in the ways we connect with each other, express identity, engage politically, and create communities of meaning. What unique challenges and opportunities confront young people after decades of neoliberal globalization? What issues are most pressing in developing nations experiencing a “youth bulge” and how do they compare to developed nations with rapidly aging populations? How

do young people envision their futures and the future of the world they are inheriting? This course will examine recent scholarship while engaging the young people in the class to define the agenda and questions of the course, and to conduct their own research. This course is part of the Global Core curriculum. “Global 20” complements a new research project of the Committee on Global Thought, “Youth in a Changing World,” which investigates from the perspective of diverse participants and of young people themselves, the most pressing issues confronting young people in the changing world today. The course will serve as an undergraduate “lab” for the project, and among other involvements, students in the course will help conceive, plan, and take part in a NYC-wide “Youth Think-In” sponsored by the CGT during the Spring 2018 semester. Within the course, students will become “regional experts” and examine the primary themes of the class through the prism of specific areas or nations of their choosing. A final class project includes a “design session” that will consider how universities might better train and empower youth to confront the challenges and embrace the opportunities of our interconnected world of the 21st century

PROFESSIONAL SCHOOL OFFERINGS

PUBH UN3100 FUNDAMENTALS OF GLOBAL HEALTH. 3.00 points.

Many of the greatest challenges in public health are global. This course uses a multidisciplinary approach to discuss the major underlying determinants of poor health and the relationship between health and political, social and economic development. Drawing upon the sciences, social sciences, and humanities, students will be introduced to the evolution of modern approaches to the setting of global health priorities, the functions and roles of health systems, an overview of current global health practices, and the major institutional players in global health. The first unit of the class will focus on establishing the foundations for a public health approach to understanding the challenges of global health. This will involve exploration of the factors shaping the global distribution of disease and their connection with issues of social, economic, and political development, as reflected in the Millennium Development Goals. The second unit will explore in further detail a number of major health priorities. A significant goal of the class will be to identify common sources of vulnerability and challenge across health risks, and the consequent need for a systemic approach to their being addressed. The third and final unit builds upon this analysis to demonstrate the multi-disciplinary, multi-level approach required to effectively address global health priorities, and the political and organizational cooperation required to achieve this. The class concludes with an analysis of the major challenges and threats to global coordination regarding such threats as pandemic influenza and emerging health threats related to climate change. Offered in the spring

Spring 2023: PUBH UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3100	001/11822	M W 4:10pm - 5:25pm 402 Chandler	Rachel Moresky, Lauren Westley	3.00	102/100

PUBH UN3200 INTRODUCTION TO PUBLIC HEALTH. 3.00 points.

An introduction to and overview of public health. Through a series of sessions with leading public health experts, this course views the multifaceted nature of public health through a prismic lens addressing key concepts, approaches, and issues of historical and contemporary import: What is public health and how has public health evolved over time? What are the core methods of public health? What are the approaches to understanding and addressing both infectious and chronic, non-communicable diseases? What role do micro- and macro-level determinants (i.e. biology and social context) play in public health? What are the global trends in population health? How does the individual life course bear on population health? How do systems, policy, and population health mutually shape each other? How are public health programs designed and evaluated? What are the limits of public health?

Fall 2022: PUBH UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3200	010/11955	T Th 1:10pm - 2:25pm Cin Alfred Lerner Hall	Dana March, Lauren Westley	3.00	179/180

PUBH UN3400 Data Science and Health Equity in New York City. 3.00 points.

This course, which has no pre-requisites, teaches students about data science and public health. Students will create and answer public health research questions related to health equity in NYC. The course will use publicly available NYC health data to learn the seven steps of data science: 1) writing a research question; 2) obtaining data to address the question; 3) data cleaning; 4) data exploration; (5) analysis; 6) replication and validity evaluation; and (7) presentation and summary. The course will introduce students to R

Fall 2022: PUBH UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3400	010/11961	T Th 4:10pm - 5:25pm 301 Uris Hall	Mary Beth Terry, Abigail Greenleaf, Lauren Westley	3.00	95/100

PUBH GU4100 (Y)OUR LONGER LIFE. 3.00 points.

People are living 30 years longer than we did 100 years ago. We have created a whole new stage of life. How do we prepare to benefit from our longer lives? What can you do in your own life? This course explores the personal, population, community, and societal dimensions of our now-longer lives, of aging itself, and the role of health and societal design in the experience

of aging. The course examines the meaning of aging and the attendant expectations, myths, fears, and realities. The course examines an aging society as a public health success, the potential for building health futures, the health plan you want to be healthy in old age, and the potential for longer lives and how we unlock it. It addresses the roles public health currently plays and can play in shaping a society for an aging population. The course explores how a public health system—indeed, a society—optimized for an aging population stands to benefit all. The course also examines the physical, cognitive, and psychological aspects of aging, the exposures across our lives that affect these, the attributes and challenges of aging, keys to successful aging, and aging around the globe. The culminating project will design elements of our society that are needed to support the opportunity of having longer lives. This course comprises lectures, class discussions, individual assignments, in-class case activities, and a group project in which students shall take an active role. You will be responsible for regular preparatory assignments, writing assignments, one group project, and attending course sessions. Please note: GSAS students must receive permission from their department before registering for this course

Spring 2023: PUBH GU4100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 4100	001/11823	T Th 4:10pm - 5:25pm 142 Uris Hall	Dana March, Lauren Westley	3.00	90/100

PUBH GU4200 Environment, Health, and Justice: Concepts and Practice. 3.00 points.

Please note: this class was designed as part of the Special Concentration in Public Health. It is open to undergraduates, as well as students in Public Health, and will be taught on the Morningside campus. This course introduces key concepts on environmental health sciences and environmental justice and their application to address environmental health disparities affecting communities in New York City, across the United States and globally. The course will present theory and methods needed to characterize, understand and intervene on environmental health problems with a focus on methods that are particularly appropriate for environmental justice research and interventions. We will describe environmental health disciplines such as exposure sciences, environmental epidemiology, environmental biosciences and toxicology, as well as methods to assess expected environmental health impacts

Fall 2022: PUBH GU4200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 4200	010/11969	M W 10:10am - 11:25am Ren Kraft Center	Lauren Westley, Ana Navas Acien	3.00	76/100

COMPARATIVE LITERATURE AND SOCIETY

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Director of Undergraduate Studies: Tommaso Manfredini,
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Director of Medical Humanities Major: Associate Prof. of
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Assistant Director: Sarah Monks, B-102 Heyman Center, East
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Established at Columbia in 1998, the Institute for Comparative Literature and Society (ICLS) promotes a global perspective in the study of literature and its social context. Committed to cross-disciplinary study of literary works, the Institute brings together the rich resources of Columbia in the various literatures of the world; in the social sciences; in art history, architecture, and media; and in the medical humanities.

The major programs at ICLS allow qualified students to study literature, culture, and society with reference to material from several national traditions, or in combination of literary study with comparative study in other disciplines in the humanities and social sciences. Under the guidance of the director of undergraduate studies, students select courses offered by participating departments.

The program is designed for students whose interest and expertise in languages other than English permit them to work comparatively in several national or regional cultures. The course of study differs from that of traditional comparative literature programs, both in its cross-disciplinary nature and in its expanded geographic range, including not just European, but also Asian, Middle Eastern, African, and Latin American cultures.

The program includes course work in the social sciences, and several core courses are jointly taught by faculty from different disciplines. Students thus explore a variety of methodological and disciplinary approaches to cultural and literary artifacts in the broadest sense. The cross-disciplinary range of the program includes visual and media studies; law and the humanities; medicine and the humanities; and studies of space, cities, and architecture. As a major or concentration, this program can be

said to flow naturally from Columbia's Core Curriculum, which combines literature, art, philosophy, and social thought, and consistently attracts some of Columbia's most ambitious and cosmopolitan students.

Students can choose to complete the major in Comparative Literature and Society (CLS), the concentration in Comparative Literature and Society, or the major in Medical Humanities (MedHum). Currently, the MedHum major is not available as a concentration.

Given the wide variety of geographic and disciplinary specializations possible within the majors and concentration, students construct their course sequence in close collaboration with the director of undergraduate studies. All students, however, share the experience of taking the course CPLS UN3900 INTRO TO COMP LIT # SOCIETY in their sophomore year, as well as the required senior seminar in the fall of their last year in the program. The ICLS majors and concentration are designed for students interested in the cross-disciplinary and cross-cultural study of texts, traditions, media, and discourses in an increasingly transnational world.

Students planning to apply for admission to the CLS major, the MedHum major, or the CLS concentration should organize their course of study in order to complete the following prerequisites by the end of the sophomore year:

1. Preparation to undertake advanced work in one foreign language, to be demonstrated by completion of two introduction to literature courses, typically numbered 3333-3350.
2. Completion of at least four terms of study of a second foreign language or two terms in each of two foreign languages.
3. Enrollment in CPLS UN3900 INTRO TO COMP LIT # SOCIETY in the spring semester of the sophomore year.

Information about admission requirements and application to the majors or concentration can be found at <https://icls.columbia.edu/undergraduate-program/admissions-to-the-majors-or-concentration/>. Students are advised to meet with the director of undergraduate studies before submitting the statement of purpose for the required application. Applications are due in early January of the sophomore year.

DEPARTMENTAL HONORS

To be eligible for departmental honors, students must have a minimum grade point average of 3.6 for courses in the major. Departmental honors will be conferred only on students who have submitted a superior senior thesis that clearly demonstrates originality and excellent scholarship. Note that the senior thesis is not required for the major. For information on the honors program, see <http://icls.columbia.edu/programs/departmental-honors/>.

Executive Committee of ICLS Nadia Abu El-Haj
(Anthropology, Center for Palestine Studies)

Bruno Bosteels (Latin American and Iberian Cultures) Claudia Breger (Germanic Languages) Souleymane Bachir Diagne (French and Romance Philology) Madeleine Dobie (French and Romance Philology) Brent Hayes Edwards (English and Comparative Literature, Jazz) Matthew Engelke (Religion) Stathis Gourgouris (Classics, English and Comparative Literature) Rishi Kumar Goyal (Emergency Medicine) Gil Hochberg (Middle Eastern, South Asian, and African Studies and IRWGS) Seth Kimmel (Latin American and Iberian Cultures) Laura Kurgan (GSAPP and Data Science) Adam Leeds (Slavic Languages) Lydia H. Liu (East Asian Languages and Cultures) David B. Lurie (East Asian Languages and Cultures) Tommaso Manfredini (DUS at ICLS, French and Romance Philology) Anupama P Rao (History, Barnard) Felicity Scott (Architecture) Oliver Simons (Germanic Languages) Pamela Smith (History and Center for Science and Society) Gayatri Chakravorty Spivak (University Professor of the Humanities) Dennis Tenen (English and Comparative Literature)

GUIDELINES FOR ALL ICLS MAJORS AND CONCENTRATORS

Requirements for the major and concentration in Comparative Literature and Society were updated in February 2019; please contact the director of undergraduate studies with any questions. An application worksheet can be found on [our website](#). Applications are due in early January of a student's sophomore year. At the time of application, students interested in the major (including the major in Medical Humanities) or concentration must have met these requirements:

1. Foreign language 1: four semesters of language training (or equivalent) and one introductory literature course, typically numbered 3330-3350;
2. (CLS Majors and Concentrations only) Foreign language 2: four semesters of one language or two semesters of two languages;
3. CPLS UN3900 INTRO TO COMP LIT # SOCIETY, usually taken in the spring of the sophomore year;
4. A focus statement, 1-2 pages in length. The focus is a period, theme, problem, movement, etc., that is explored from an interdisciplinary and/or a comparative perspective. Faculty understand that this statement is a work in progress, but that it serves as a useful guide to students' academic pursuits and course selection.

MAJOR IN COMPARATIVE LITERATURE AND SOCIETY

The major in Comparative Literature and Society consists of a minimum of 33 points or 11 courses, distributed as follows. Courses taken to fulfill the application requirements do not count toward the major. Courses fulfilling major requirements must be advanced, discussion-based seminars. Language courses in the Beginner I to Intermediate II stream cannot be counted to fulfill any major requirement. With the exception

of courses taken to satisfy the global core requirement, double counting of courses to the CPLS major and another program or university requirement must be approved by the DUS. Requirements for the major and concentration in Comparative Literature and Society were updated in February 2019; please contact the director of undergraduate studies with any questions.

1. CPLS UN3900 INTRO TO COMP LIT # SOCIETY, required for all majors and normally taken in the spring of the sophomore year (3 points)
2. Advanced courses as follows:
 - **Two courses** with a CPLS designator. CLxx courses, i.e. courses cross-listed between ICLS and other departments, may also be counted toward this requirement (6-8 points)
 - **Two seminars** in a humanities or social science discipline other than literature (e.g. Architecture, Anthropology, Art History, Economics, Gender & Sexuality Studies, History, Law, Linguistics, Music, Political Science, Race & Ethnicity Studies, Sociology...). The two courses must be grounded in the same disciplinary approach but don't have to be offered by the same department or program (6-8 points)
 - **Two courses** requiring readings in a language other than English. (The two courses cannot be taken in the same foreign language) (6-8 points)
 - **Two courses** focusing on a specific national or regional literature or culture, chosen from any discipline (The two courses can focus on the same nation/region) (6-8 points)
 - **One elective course** reflecting the student's intellectual interests. The senior thesis may be counted toward this requirement. Additional foreign language study may also be counted with DUS approval (3-4 points)
3. CPLS UN3991 SENIOR SEM-COMP LIT # SOCIETY
4. CPLS UN3995 Senior thesis (optional). (3 points) year-long course
5. Students sign up for thesis credits as a year-long course (CPLS 3995) in the fall and spring semester of the senior year. Please see [our detailed thesis guide on our website](#). They work with an adviser from the Columbia/Barnard faculty who oversees the project and assigns the final grade. The DUS of ICLS is the second reader for all projects. The thesis must be a minimum of 11,000 and 15,000 words in length, double-spaced and must include footnotes and a bibliography. Translations, creative work and multi-media projects can be submitted with the prior approval of the DUS. These must be accompanied by an introduction that situates the project intellectually. The thesis should be written in English unless a student receives permission from the DUS to write in another language. Note that the completed thesis is submitted before the end of the spring semester, usually by April 15. The thesis is considered as a 3-point course with 1 credit earned in the Fall and 2 credits

earned in the Spring. It may be counted in lieu of a course taken to meet requirements 2, 3, 4, or 5.

Students should consult frequently with the DUS to ensure that their program of study develops in consonance with the intellectual project described in the focus statement that was presented as part of the admissions process. The faculty understands that this statement is itself a work in progress, but also that it serves as a useful guide to the student's academic pursuits and course selection.

MAJOR IN MEDICAL HUMANITIES

The major in Medical Humanities requires 33 points (11 courses). Note that language courses taken to fulfill the application requirements 1 above do not count toward the required points for the major. Courses fulfilling major requirements must be advanced, discussion-based seminars. Language courses in the Beginner I to Intermediate II stream cannot be counted to fulfill any major requirement. Students interested in the major are strongly encouraged to fulfill their science requirement with classes in human biology (e.g., *Human Species, Genes and Development*) or human psychology (e.g., *Mind, Brain, and Behavior*).

1. CPLS UN3900 INTRO TO COMP LIT # SOCIETY, required for all ICLS majors and normally taken in the spring of the sophomore year.
2. Advanced courses as follows (please note that one course may be used to fulfill two of the advanced course requirements):

- **1 course with a CPLS or CL- course identifier: 3-4 points**

Students choose from among the wide range of courses sponsored by the Institute for Comparative Literature and Society or cross-listed between ICLS and other departments. These offerings change every semester and are listed on the ICLS website.

- **1 course with readings in a language other than English: 3-4 points**

Students may either take a course that is taught wholly or partially in a foreign language *or* a course taught in English for which they have received approval to do most of the reading in a foreign language.

- **3 courses that form the disciplinary/methodological nexus of the student's interests: 9-12 points**

Students will develop an individualized course of study at the nexus of health, society and the humanities in discussion with the DUS (Some example of prior constellations include but are not limited to: Literature and Medicine; Narrative Medicine; Medical Anthropology; History of Medicine;

Comparative Public Health; Disability studies; Neuroscience; Biopolitics; Bioethics).

- **2 required core courses in Medical Humanities: 6 points**
- **2 courses in the biological or biochemical sciences: 6-8 points**

Students in the MedHum major should be versed in contemporary and classical debates and knowledge in the biological sciences. Students may take any two biology or biochemistry classes that relate to fundamental concepts in human biology.

3. Senior Seminar:

CPLS UN3991 SENIOR SEM-COMP LIT # SOCIETY

4. CPLS UN3995 Senior thesis (optional). (3 points) year-long course

Students sign up for thesis credits as a year-long course (CPLS 3995) in the fall and spring semester of the senior year. Please see [our detailed thesis guide on our website](#). They work with an adviser from the Columbia/Barnard faculty who oversees the project and assigns the final grade. The DUS of ICLS is the second reader for all projects. The thesis must be a minimum of 11,000 and 15,000 words in length, double-spaced and must include footnotes and a bibliography. Translations, creative work and multi-media projects can be submitted with the prior approval of the DUS. These must be accompanied by an introduction that situates the project intellectually. The thesis should be written in English unless a student receives permission from the DUS to write in another language. Note that the completed thesis is submitted before the end of the spring semester, usually by April 15. The thesis is considered as a 3-point course with 1 credit earned in the Fall and 2 credits earned in the Spring.

Students should consult frequently with the DUS to ensure that their program of study develops in consonance with the intellectual project described in the focus statement that was presented as part of the admissions process. The faculty understands that this statement is itself a work in progress, but also that it serves as a useful guide to the student's academic pursuits and course selection.

CONCENTRATION IN COMPARATIVE LITERATURE AND SOCIETY

The concentration in Comparative Literature and Society consists of a minimum of 27 points or 9 courses, distributed as follows. Please note that courses taken to fulfill the application requirements do not count toward the major. Courses fulfilling major requirements must be advanced, discussion-based seminars. Language courses in the Beginner I to Intermediate II stream cannot be counted to fulfill any major requirement. With the exception of courses taken to satisfy the global core

requirement, any double counting of courses to the CPLS major and another program or university requirement must be approved by the DUS. Requirements for the major and concentration in Comparative Literature and Society were updated in February 2019; please contact the director of undergraduate studies with any questions.

1. *CPLS UN3900 INTRO TO COMP LIT # SOCIETY*, normally taken in the spring of the sophomore year;
2. Advanced courses as follows:
 - Two courses with a CPLS designator. CL-- courses, i.e. courses cross-listed between ICLS and other departments, may also be counted toward this requirement (6-8 points)
 - Two seminars in a humanities or social science discipline other than literature (e.g. Architecture, Anthropology, Art History, Economics, Gender & Sexuality Studies, History, Law, Linguistics, Music, Political Science, Race & Ethnicity Studies, Sociology...). The two courses must be grounded in the same disciplinary approach but don't have to be offered by the same department or program (6-8 points)
 - Two courses requiring readings in a language other than English (the two courses cannot be taken in the same foreign language) (6-8 points)
 - One course focusing on a specific national or regional literature or culture, chosen from any discipline (3-8 points)
 - Senior Seminar in Comparative Literature and Society (CPLS V3991)

The senior seminar is taken in fall semester of the senior year. Students explore three areas of contemporary reflection in the field of comparative literature and society. Topics change yearly and are aligned with current ICLS research projects. Recent examples include: Bandung Humanism; Global Language Justice; A Safer Online Public Square

- (Optional) Senior Thesis (CPLS 3995) (3 points) year-long course

Students sign up for thesis credits as a year-long course (CPLS 3995) in the fall and spring semester of the senior year. Please see [our detailed thesis guide on our website](#). They work with an adviser from the Columbia/Barnard faculty who oversees the project and assigns the final grade. The DUS of ICLS is the second reader for all projects. The thesis must be a minimum of 11,000 and 15,000 words in length, double-spaced and must include footnotes and a bibliography. Translations, creative work and multi-media projects can be submitted with the prior approval of the DUS. These must be accompanied by an introduction that situates the project intellectually. The thesis should be written in English unless a student receives permission from the DUS to write in another language. Note that the completed thesis is submitted before the end of the spring semester, usually by April 15. The thesis is considered as a 3-point course with 1 credit earned in the Fall and 2 credits

earned in the Spring. It may be counted in lieu of a course taken to meet requirements 2, 3, 4, or 5.

Students should consult frequently with the DUS to ensure that their program of study develops in consonance with the intellectual project described in the focus statement that was presented as part of the admissions process. The faculty understands that this statement is itself a work in progress, but also that it serves as a useful guide to the student's academic pursuits and course selection.

Comparative Literature and Society concentration students should also consider the Barnard College course offerings in Comparative Literature. They are also strongly encouraged to avail themselves of the opportunity to study abroad.

FALL 2022 COURSES

BIOL UN1360 Science and Society. 3.00 points.

This course, which has been given at another institution for the past five years, uses a seminar discussion format to examine the relationship between science and society from numerous perspectives, using examples from many fields of science, mostly biology and medicine, including the Covid-19 pandemic. We welcome undergraduates from all classes who are concentrating in any field of sciences, humanities, or the arts; there are no prerequisites, other than an interest in how the scientific enterprise works. The course addresses a wide array of topics: why do people choose a scientific career; why do governments and other funders support scientific work; how does science fail; why is there widespread skepticism about science; how is it represented in the arts; how are results disseminated, evaluated, and legally protected; and many other subjects. Assignments-- mainly short articles (from newspapers and journals) and book chapters, but also a few films and novels --will be provided for each class, and every student will undertake a term project of their own choosing, after consultations with the instructor

Fall 2022: BIOL UN1360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1360	001/15046	W 4:10pm - 6:40pm 1000 Fairchild Life Sciences Bldg	Harold Varmus	3.00	19/20

RELI UN2670 MAGIC AND MODERNITY. 3.00 points.

This course introduces students to the cultural history of magic: as an idea, as a practice, and as a tool with which wield power and induce wonder. Magic, as we will explore, is a modern concept, the contours of which have been shaped by its relations with religion and science, always against larger backdrops—of the Enlightenment, Romanticism, (post) colonialism, and (post) secularism. Readings are drawn from philosophy, anthropology, religious studies, sociology, drama, literature, history, history of science, and political theory. Cases and readings focus on everything from medieval England to post-socialist Mozambique. Throughout the term, a recurring theme will be whether, and to what extent, magic

is incompatible with modernity—or, actually, integral to its constitution. By the end of this course, students should be familiar with a variety of ways in which magic has been understood since the early modern era, in a wide range of settings and cultural contexts. By tracing understandings of magic, students should also come away with an appreciation of how the authority of being “modern” is constructed (and contested) in relation to contemporary valuations of reason, science, enchantment, and the imagination

Fall 2022: RELI UN2670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2670	001/11635	T Th 2:40pm - 3:55pm 307 Uris Hall	Matthew Engelke	3.00	24/40

HIST UN2978 Science and Pseudoscience: Alchemy to AI. 4.00 points.

During the 2020 US presidential election and the years of the COVID-19 pandemic, science and “scientific truths” were fiercely contested. This course provides a historical perspective on the issues at stake. The course begins with an historical account of how areas of natural knowledge, such as astrology, alchemy, and “natural magic,” which were central components of an educated person’s view of the world in early modern Europe, became marginalized, while a new philosophy of nature (what we would now call empirical science) came to dominate the discourse of rationality. Historical developments examined in this course out of which this new understanding of nature emerged include the rise of the centralized state, religious reform, and European expansion. The course uses this historical account to show how science and pseudoscience developed in tandem in the period from 1400 to 1800. This historical account equips students to examine contemporary issues of expertise, the social construction of science, pluralism in science, certainty and uncertainty in science, as well as critical engagement with contemporary technologies

Fall 2022: HIST UN2978

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2978	001/10637	T Th 4:10pm - 5:25pm 142 Uris Hall	Pamela Smith, Madisson Whitman	4.00	32/90
HIST 2978	AU1/18630	T Th 4:10pm - 5:25pm 142 Uris Hall	Pamela Smith, Madisson Whitman	4.00	21/25

HIST UN2979 Science and Pseudoscience: Alchemy to AI - DISC. 0.00 points.

Required discussion section for HIST UN2978 lecture

Fall 2022: HIST UN2979

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2979	001/10638		Claire Dwyer	0.00	25/90

CLGM W3450 How to do things with Queer Bodies. 3.00 points.

Homosexuality, as a term, might be a relatively recent invention in Western culture (1891) but bodies that acted and appeared queer(ly) existed long before that. This course will focus on acts, and not identities, in tracing the evolution of writing the queer body from antiquity until today. In doing so it will explore a number of multimodal materials – texts, vases, sculptures, paintings, photographs, movies etc. – in an effort to understand the evolution of the ways in which language (written, spoken or visual) registers these bodies in literature and culture. When we bring the dimension of the body into the way we view the past, we find that new questions and new ways of approaching old questions emerge. What did the ancient actually write about the male/female/trans* (homo)sexual body? Did they actually create gender non-binary statues? Can we find biographies of the lives of saints in drag in Byzantium? How did the Victorians change the way in which we read Antiquity? How is the queer body registered in Contemporary Literature and Culture? Can one write the history of homosexuality as a history of bodies? How are queer bodies constructed and erased by scholars? How can we disturb national archives by globalizing the queer canon of bodies through translation? These are some of the questions that we will examine during the semester. The course surveys texts from Homer, Sappho, Aeschylus, Euripides, Plato, Theocritus, Ovid, Dio Chrysostom, Lucian, Walt Whitman, Oscar Wilde, Arthur Symonds, Dinos Christianopoulos, Audre Lorde, Larry Kramer, Tony Kushner etc., the work of artists such as Yiannis Tsarouchis, Robert Mapplethorpe, Dimitris Papaioannou, Cassils, movies such as 120 battements par minute, and popular TV shows such as Pose

Fall 2022: CLGM W3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGM 3450	001/12573	T 2:10pm - 4:00pm 613 Hamilton Hall	Nikolas Kakkoufa	3.00	15/15

CPLS UN3454 STAGING THE EARLY MOD MEDITERR. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines, in sixteenth and seventeenth century Spain and England (1580-1640), how the two countries staged the conflict between them, and with the Ottoman Empire; that is, how both countries represent national and imperial clashes, and the concepts of being “Spanish,” “English,” or “Turk,” as well as the dynamic and fluid identities of North Africa, often played out on the high seas of the Mediterranean with Islam and the Ottoman Empire. We will consider how the Ottoman Empire depicted itself artistically through miniatures and court poetry. The course will include travel and captivity narratives from Spain, England, and the Ottoman Empire

Fall 2022: CPLS UN3454

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3454	001/11066	Th 12:10pm - 2:00pm	Patricia Grieve	4.00	12/15

206 Casa Hispanica

331 Uris Hall

Gil Eyal,
Samuel
Sternberg**Spring 2023: CPLS UN3454**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3454	001/12974	W 2:10pm - 4:00pm 201 Casa Hispanica	Patricia Grieve	4.00	13/15

CLME UN3928 ARABIC PRISON WRITING. 3.00 points.
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course studies the genealogy of the prison in Arab culture as manifested in memoirs, narratives, and poems. These cut across a vast temporal and spatial swathe, covering selections from the Quran, Sufi narratives from al-Hallaj oeuvre, poetry by prisoners of war: classical, medieval, and modern. It also studies modern narratives by women prisoners and political prisoners, and narratives that engage with these issues. Arabic prison writing is studied against other genealogies of this prism, especially in the West, to map out the birth of prison, its institutionalization, mechanism, and role. All readings for the course are in English translations

Fall 2022: CLME UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 3928	001/11829	W 2:10pm - 4:00pm 208 Knox Hall	Muhsin Al-Musawi	3.00	26/25

CPLS UN3951 Narratives for Living: Planetarity. 3.00 points.

Is it possible to read literature in such a way as to be coherent with the requirements for the environmental disaster that seems to be upon us? This course will attempt to answer this question through 4 novels dealing with planetarity and climate change. This is a restricted course by interview only. ICLS students will read the Bengali and/or French texts in the original. Students are required to write a 1 page response to the text to be read the next day by midnight the previous day. Class discussions will be constructed on these responses. There will be a colloquium at the end of the semester, requiring oral presentation of a research paper that will engage the entire class

Fall 2022: CPLS UN3951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3951	001/12571	W 6:00pm - 9:00pm 201 80 Claremont	Gayatri Spivak	3.00	5/12

CPLS UN3965 Precision Medicine: Biological, Social, and Ethical Implications. 3.00 points.

This course will cover the scientific foundations of precision medicine, its social dimensions, alongside fundamental humanistic questions and challenges raised by this discipline. It is designed as an introduction to precision medicine, particularly for the non-scientist student, but will also explore issues relevant to students who are planning a career in science or medicine

Fall 2022: CPLS UN3965

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3965	001/13765	M W 10:10am - 11:25am	Rachel Adams,	3.00	16/50

CPLS UN3991 SENIOR SEM-COMP LIT # SOCIETY. 3.00 points.

Prerequisites: CPLS UN3900

Prerequisites: CPLS UN3900 The senior seminar is a capstone course required of all CLS/MLA majors. The seminar provides students the opportunity to discuss selected topics in comparative literature and society and medical humanities in a cross-disciplinary, multilingual, and global perspective. Students undertake individual research projects while participating in directed readings and critical dialogues about theory and research methodologies, which may culminate in the senior thesis. Students review work in progress and share results through weekly oral reports and written reports

Fall 2022: CPLS UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3991	001/11063	T 2:10pm - 4:00pm 522c Kent Hall	Alex Pekov, Claudia Breger	3.00	20/20
CPLS 3991	002/11064	T 10:10am - 12:00pm 602 Northwest Corner	Seth Kimmel, Alex Pekov	3.00	22/20

CPLS UN3995 SENIOR THESIS IN COMP LIT/SOC. 1.50 point.

This year-long, three-credit course is mandatory for students who will be writing their Senior Thesis in Comparative Literature and Society or in Medical Humanities. Students who wish to be considered for Departmental honors are required to submit a Senior Thesis. The thesis is a rigorous research work of approximately 40 pages, and it will include citations and a bibliographical apparatus. It may be written in English or, with the permission of the Director of Undergraduate Studies, in another language relevant to the students scholarly interests. Although modeled after an independent study, in which core elements of the structure, direction, and pace of the work are decided together by the student and their faculty thesis supervisor, students are nonetheless expected to complete certain major steps in the research and writing process according to the timeline outlined by the ICLS DUS

Fall 2022: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/12005		Tommaso Manfredini	1.50	21/25

Spring 2023: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/13000		Tommaso Manfredini	1.50	16/22

CLPS GU4200 FREUD. 3.00 points.

Clinic, Culture, Cruelty: With these three terms one could indicate both the wide range of Freud's work and the specific force it kept addressing without shying away from the

theoretical and practical consequences that came with it. In *Civilization and its Discontent* Freud develops—in part openly, in part secretly—a peculiar, paradoxical and abyssal logic in order to formalize how culture (or civilization) is in a mortal battle with itself. Even more so, culture is this battle; and civilization is the result of a violence the sole aim and source of which is the destruction of civilization. The determining factors of this logic form the proper object of psychoanalysis which had developed out of clinical concerns; and what occurs here as “violence,” or “destruction,” as it does in several texts whose themes are cultural, historical, or sociological, is given multiple other names in all of Freud’s work or is linked to such names: the unconscious, the drive, libido, Eros, Thanatos, sexuality, narcissism, masochism, even hysteria, obsession and psychosis. All these terms mark instances of the same logic in which what we call the “sexual” and “language” are entangled with a “cruelty” that is neither the opposite of pleasure nor can be derived from any supposedly natural ground. In this seminar, we will trace this logic as well as its material in its reiterations, displacements, and reinventions from Freud’s clinical writings, through his constructions and theories of the “psyche,” to his analyses and speculations in civilization and history. Freud’s text will be read closely, with the attention to details that he himself performed as a virtue and a method. No previous acquaintance with Freud or psychoanalysis is required—only a mind as open as possible to the surprises over what they have to offer today

Fall 2022: CLPS GU4200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4200	001/11185	W 12:10pm - 2:00pm 401 Hamilton Hall	Adele Tutter, William Tomlinson	3.00	13/20

CLPS GU4515 RADICAL PSYCHOANALYSIS: INTRODUCING LAPLANCHE. 3.00 points.

The increasing attention to topics at the heart of popular discourse – race and gender, sexuality and consent, sociality and autonomy – have brought to light some of the longstanding limitations of traditional psychoanalysis. While many critics in literary and critical theory are calling for the end of psychoanalysis, others are calling for a renewed investment in psychoanalytic ideas. How do we navigate this contemporary scene? Is it better to dismiss the Freudian enterprise tout court or should we simply reaffirm our faith in Freud’s original ideas? The French philosopher and psychoanalyst Jean Laplanche (1924-2012) offers a bold and original way to engage with these debates by offering a “third way.” A close reader of Freud who advocates for an idiosyncratic approach of “faithful infidelity,” Laplanche offers one of the most exhaustive critiques of the field from Freud into the present. Leaving no stone unturned in his quest to isolate the problematic moments in psychoanalytic theory, Laplanche develops a rigorous critique of psychoanalysis’ self-centeredness. Once a student and patient of Lacan, Laplanche demonstrates that there is a deep and abiding resistance to acknowledging the role of actual other people in the

constitution of our private psychic lives, and until we grasp the true rule of otherness in ourselves, psychoanalysis will never manage to be truly radical. This course introduces Laplanche by situating his thinking in the context of contemporary literary and critical theory. We will draw specifically on affect and queer theory to amplify the radical dimensions of Laplanche’s thought. Delving into Mary Gaitskill’s novel, *Bad Behavior*, John Cameron Mitchell’s play, *Hedwig and the Angry Inch* and Esme Weijun Wang’s *The Collected Schizophrenias*, alongside the critical theories of Judith Butler, Paul Preciado, and Adam Phillips, we will discover how Laplanche offers new ways to approach some of our most urgent concerns. In addition to offering a comprehensive outline of Laplanche’s oeuvre, this course will focus on several major concepts that Laplanche introduces as the future foundations of a radical psychoanalytic theory: sexuality, seduction, translation and the enigmatic signifier

Fall 2022: CLPS GU4515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPS 4515	001/14885	F 10:10am - 12:00pm 613 Hamilton Hall	Gila Ashtor	3.00	17/20

SPRING 2023 COURSES

CPLS UN3231 Rhetoric of Science: The roles of metaphor and narrative in the scientific enterprise. 3.00 points.

This course is intended as a general introduction to the discipline known as Rhetoric of Science, which, in its simplest form, aims to apply the tools of rhetorical inquiry to the various modes of scientific discourse. Special attention will be given to examining the roles that metaphor and narrative play in that effort. A significant part of this course will be devoted to the feminist critique and analysis of science, in terms of both theory development and science communication. We will begin the course with a review of the perceived dichotomies and polarizing viewpoints that undergird and inform much of the scholarship. Using C.P. Snow’s seminal Rede Lecture *The Two Cultures and the Scientific Revolution* as background, we will go on to discuss some of the significant changes in the philosophy of science that gave rise to the “interpretive turn” and post-empiricist philosophies of science—in particular, Thomas Kuhn’s epoch-making *The Structure of Scientific Revolutions*, which will be read in its entirety. We will then consider the ways that Kuhn’s work lays the foundations for the emergence of Rhetoric of Science as a discipline, especially his emphasis on the roles that language, argument, and persuasion play in the development, communication, and acceptance of scientific theory and knowledge. The course will then focus on some of the foundational work in the field of Rhetoric of Science as the discipline attempts to carve out a place for itself as distinct from the philosophy or sociology of science. From that point we will move to a discussion of metaphor and analogy in the scientific enterprise, and consider the ways scientists use storytelling as the vehicle for communication. The course will end with a close study of the alternatives proposed by feminist scholars on two important fronts. The first

begins with the groundbreaking work of scientist/philosopher Evelyn Fox Keller and her reflections on the role of gender in the practice and development of science, and continues with the work of philosophers such as Sandra Harding and Donna Haraway and the critique of objectivity and development of standpoint epistemologies. We will then move on to feminist approaches to science communication and the ways that gendered language can skew our understanding of both gender and the world. An important outcome of this course will be an understanding of the importance that language plays in the lives of both scientists and non-scientists alike, and how an awareness of rhetorical devices—whether or not they are consciously employed—can enhance our understanding and practice of science, as well as help bridge the divide between science and humanistic inquiry

CPLS UN3454 STAGING THE EARLY MOD MEDITERR. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines, in sixteenth and seventeenth century Spain and England (1580-1640), how the two countries staged the conflict between them, and with the Ottoman Empire; that is, how both countries represent national and imperial clashes, and the concepts of being “Spanish,” “English,” or “Turk,” as well as the dynamic and fluid identities of North Africa, often played out on the high seas of the Mediterranean with Islam and the Ottoman Empire. We will consider how the Ottoman Empire depicted itself artistically through miniatures and court poetry. The course will include travel and captivity narratives from Spain, England, and the Ottoman Empire

Fall 2022: CPLS UN3454

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3454	001/11066	Th 12:10pm - 2:00pm 206 Casa Hispanica	Patricia Grieve	4.00	12/15

Spring 2023: CPLS UN3454

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3454	001/12974	W 2:10pm - 4:00pm 201 Casa Hispanica	Patricia Grieve	4.00	13/15

CPLS UN3900 INTRO TO COMP LIT # SOCIETY. 3.00 points.

Introduction to concepts and methods of comparative literature in cross-disciplinary and global context. Topics may include: oral, print, and visual culture; epic, novel, and nation; literature of travel, exile, and diaspora; sex and gender transformation; the human/inhuman; writing trauma; urban imaginaries; world literature; medical humanities. Open only to students who have applied for and declared a major in Comparative Literature and Society or Medical Humanities

Spring 2023: CPLS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3900	001/10891	T 12:10pm - 2:00pm 317 Hamilton Hall	Tommaso Manfredini, Alex Pekov	3.00	17/20

CPLS 3900 002/12018	Th 10:10am - 12:00pm 302 Alfred Lerner Hall	David Lurie, Alex Pekov	3.00	15/20
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CPLS UN3962 Border Crossings Across Languages and Disciplines. 3.00 points.

In our age of purportedly unsurpassable walls, mobility restrictions, and heightened security, borders are often imagined and understood as physical lines of demarcation protecting state sovereignty and defending cultural specificity. This course seeks to destabilize this notion of a fixed, immovable and potentially sealed border through representations of contemporary border-crossing across various media, in order to show the border, instead, as a concept and device regulating human mobility well beyond its physical location. This course will incorporate literary, visual, and political texts that complicate and expand the imaginary -- spatial, temporal, and poetic -- of the border and border crossings. Divided into four parts that underscore the evolution of human interactions with the border from the early 20th Century until the present, this three-credit undergraduate seminar is focused on Europe while including other migratory spaces of the Global North, most notably North America. We will start with a general overview of the border as a concept and a mechanism that simultaneously enables and restricts movement. We will then engage with post-WWI crossings of the borders of the British and French empire as significant historical elements of the creation of the border in relation to discriminated and racialized groups of the 20th Century. Moving on to exploring the formation of the European Union as predicated on a space of free internal circulation opposing a political objective of “zero illegal entries”, we will look at the formation of EU and the US borders as a result of ongoing processes of illegalization. Lastly, we will study the iterations of some of these processes on the High Seas, only in theory a space of free circulation

Spring 2023: CPLS UN3962

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3962	001/12324	Th 2:10pm - 4:00pm 707 Hamilton Hall	Tommaso Manfredini	3.00	8/20

CPLS UN3995 SENIOR THESIS IN COMP LIT/SOC. 1.50 point.

This year-long, three-credit course is mandatory for students who will be writing their Senior Thesis in Comparative Literature and Society or in Medical Humanities. Students who wish to be considered for Departmental honors are required to submit a Senior Thesis. The thesis is a rigorous research work of approximately 40 pages, and it will include citations and a bibliographical apparatus. It may be written in English or, with the permission of the Director of Undergraduate Studies, in another language relevant to the students scholarly interests. Although modeled after an independent study, in which core elements of the structure, direction, and pace of the work are decided together by the student and their faculty thesis supervisor, students are nonetheless expected to

complete certain major steps in the research and writing process according to the timeline outlined by the ICLS DUS

Fall 2022: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/12005		Tommaso Manfredini	1.50	21/25

Spring 2023: CPLS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/13000		Tommaso Manfredini	1.50	16/22

CLPS GU4201 BASIC CONCEPTS-POST-FREUD THGT. 4.00 points.

This course examines psychoanalytic movements that are viewed either as post-Freudian in theory or as emerging after Freuds time. The course begins by considering the ways Freuds cultural and historical surround, as well as the wartime diaspora of the European psychoanalytic community, shaped Freudian and post-Freudian thought. It then focuses on significant schools and theories of psychoanalysis that were developed from the mid 20th century to the present. Through readings of key texts and selected case studies, it explores theorists challenges to classical thought and technique, and their reconfigurations, modernizations, and total rejections of central Freudian ideas. The course concludes by looking at contemporary theorists moves to integrate notions of culture, concepts of trauma, and findings from neuroscience and attachment research into the psychoanalytic frame

CPLS GU4325 Abolition Medicine: Medical Racisms and Anti-Racisms. 3.00 points.

In 1935, WEB Dubois wrote about abolition democracy: an idea based not only on breaking down unjust systems, but on building up new, antiracist social structures. Scholar activists like Angela Davis, Ruth Gilmore and Mariame Kaba have long contended that the abolition of slavery was but one first step in ongoing abolitionist practices dismantling racialized systems of policing, surveillance and incarceration. The possibilities of prison and police abolition have recently come into the mainstream national consciousness during the 2020 resurgence of nationwide Black Lives Matters (BLM) protests. As we collectively imagine what nonpunitive and supportive community reinvestment in employment, education, childcare, mental health, and housing might look like, medicine must be a part of these conversations. Indeed, if racist violence is a public health emergency, and we are trying to bring forth a “public health approach to public safety” – what are medicine’s responsibilities to these social and institutional reinventions? Medicine has a long and fraught history of racial violence. It was, after all, medicine and pseudoscientific inquiry that helped establish what we know as the racial categorizations of today: ways of separating human beings based on things like skin color and hair texture that were used (and often continue to be used) to justify the enslavement, exclusion, or genocide of one group of people by another. Additionally, the history of the professionalization of U.S. medicine, through the formation of medical schools and professional organizations as well as and

the certification of trained physicians, is a history of exclusion, with a solidification of the identity of “physician” around upper middle class white masculinity. Indeed, the 1910 Flexner Report, whose aim was to make consistent training across the country’s medical schools, was explicit in its racism. From practices of eugenic sterilization, to histories of experimentation upon bodies of color, medicine is unfortunately built upon racist, sexist and able-ist practices. This course is built on the premise that a socially just practice of medicine is a bioethical imperative. Such a practice cannot be achieved, however, without examining medicine’s histories of racism, as well as learning from and building upon histories of anti-racist health practice. The first half of the semester will be dedicated to learning about histories of medical racism: from eugenics and racist experimentation to public health xenophobic fear mongering. The second half of the semester will be dedicated to examining medical and grassroots anti-racist practices: from the free health clinics and hospital takeovers of the Black Panther and Young Lords Parties, to environmental activism in Flint and the Sioux Rock Reservation to antiracist AIDS and COVID activism

Spring 2023: CPLS GU4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4325	001/14436	Th 12:10pm - 2:00pm 302 Hamilton Hall	Sayantani DasGupta	3.00	19/18

CPLS GU4732 Matters of Life/Death. 3.00 points.

The imbricated crises of a global pandemic and the legacies of structural anti-Black racism necessitate reflection, at once political and philosophic. One might argue that they reframe twentieth century French traditions of thought as a sustained critical reflection on *le vivant* (life); the way society classifies and treats its dead, its “living dead” or excluded members; the political economy of death and life management; death sentences (both legal and literary.) In the twenty first century, Black feminist thought addresses the ecological catastrophe of the pandemic and the resultant unequal distribution of life and death, pressuring what is at stake under the philosopheme of the “human.” This seminar is structured as a conversation between representative thinkers from each “tradition.” Yet neither tradition has discrete borders; twenty first century thinkers inherit from their French predecessors even as they contest and bring to light fraught presuppositions. We might also say, with Jacques Derrida, that the twentieth century French thinkers -Bergson, Canguilhem, Deleuze, Foucault- inherit from the future- from Hortense Spillers, Alexander Weheliye, Souleymane Bachir Diagne, Octavia Butler, Fred Moten. How might this urgent reframing and conversation enable a critical resistance?

Spring 2023: CPLS GU4732

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4732	001/12984	Th 4:10pm - 6:00pm 401 Hamilton Hall	Diane Rubenstein	3.00	5/15

HIST GU4962 Making and Knowing in Early Modern Europe: Hands-On History. 4.00 points.

This course introduces undergraduate and graduate students to the materials, techniques, contexts, and meanings of skilled craft and artistic practices in early modern Europe (1350-1750), in order to reflect upon a series of topics, including craft knowledge and artisanal epistemology; the intersections between craft and science; and questions of historical methodology in reconstructing the material world of the past. The course will be run as a “Laboratory Seminar,” with discussions of primary and secondary materials, as well as hands-on work in a laboratory. The first semester long course to use the published Edition of Fr. 640 as its focus, it will test the use of the Edition in a higher education classroom to inform the development of the Companion. This course is associated with the Making and Knowing Project of the Center for Science and Society at Columbia University. The first semester-long course to use the published Edition of Fr. 640 as its focus, it will test the use of the Edition in a higher education classroom to inform the development of Phase II of the Making and Knowing Project - a Research and Teaching Companion. Students’ final projects (exploratory and experimental work in the form of digital/textual analysis of Ms. Fr. 640, reconstruction insight reports, videos for the Companion, or a combination) will be published as part of the Companion or the Sandbox depending on content and long-term maintenance considerations

Spring 2023: HIST GU4962

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4962	001/11212	T 10:10am - 12:00pm 513 Fayerweather	Pamela Smith	4.00	21/30

COMPUTER SCIENCE

Departmental Office: 450 Computer Science Building;
212-939-7000

<http://www.cs.columbia.edu/>

Director of Undergraduate Studies: Dr. Jae Woo Lee, 715 CEPSR; 212-939-7066; jae@cs.columbia.edu

The majors in the Department of Computer Science provide students with the appropriate computer science background necessary for graduate study or a professional career. Computers impact nearly all areas of human endeavor.

Therefore, the department also offers courses for students who do not plan a computer science major or concentration. The computer science majors offer maximum flexibility by providing students with a range of options for program specialization. The department offers four majors: computer science; information science; data science; and computer science-mathematics, offered jointly with the Mathematics Department.

COMPUTER SCIENCE MAJOR

Students study a common core of fundamental topics, supplemented by a track that identifies specific areas for deeper study. The foundations track prepares students for advanced work in fundamental, theoretical, and mathematical aspects of computing, including analysis of algorithms, scientific computing, and security. The systems track prepares students for immediate employment in the computer industry as well as advanced study in software engineering, operating systems, computer-aided digital design, computer architecture, programming languages, and user interfaces. The intelligent systems track provides specialization for the student interested in natural language processing and systems capable of exhibiting “human-like” intelligence. The applications track is for students interested in the implementation of interactive multimedia content for the Internet and wireless applications. The vision, graphics, interaction, and robotics track exposes students to computer vision, graphics, human-computer interaction, and robotics.

A combination track is available to students who wish to pursue an interdisciplinary course of study combining computer science and another field in the arts, humanities, mathematics, natural sciences, or social sciences. A student planning a combination track should be aware that one additional course is required to complete this option.

INFORMATION SCIENCE MAJOR

Information science is an interdisciplinary major designed to provide a student with an understanding of how information is organized, accessed, stored, distributed, and processed in strategic segments of today’s society. Recent years have seen an explosive growth of on-line information, with people of all ages and all walks of life making use of the World Wide Web and other information in digital form.

This major puts students at the forefront of the information revolution, studying how on-line access touches on all disciplines and changing the very way people communicate. Organizations have large stores of in-house information that are crucial to their daily operation. Today’s systems must enable quick access to relevant information, must ensure that confidential information is secure, and must enable new forms of communication among people and their access to information.

The information science major can choose a scientific focus on algorithms and systems for organizing, accessing, and processing information, or an interdisciplinary focus in order to develop an understanding of, and tools for, information modeling and use within an important sector of modern society such as economics or health.

ADVANCED PLACEMENT

The department grants 3 points for a score of 4 or 5 on the AP Computer Science exam along with exemption from

COMS W1004 Introduction to Computer Science and Programming in Java. However, we still recommend that you take COMS W1004 or W1007 even if you have credits from the CS AP exam. COMS W1007 Honors Introduction to Computer Science is recommended if you scored 5 on the AP exam, and COMS W1004 is recommended if you scored 4.

PRE-INTRODUCTORY COURSES

COMS W1004 is the first course in the Computer Science major curriculum, and it does not require any previous computing experience. Before taking COMS W1004, however, students have an option to start with one of the pre-introductory courses: ENGI E1006 or COMS W1002.

ENGI E1006 Introduction to Computing for Engineers and Applied Scientist is a general introduction to computing for STEM students. ENGI E1006 is in fact a required course for all engineering students. COMS W1002 Computing In Context is a course primarily intended for humanities majors, but it also serves as a pre-introductory course for CS majors. ENGI E1006 and COMS W1002 do not count towards Computer Science major.

LABORATORY FACILITIES

The department has well-equipped lab areas for research in computer graphics, computer-aided digital design, computer vision, databases and digital libraries, data mining and knowledge discovery, distributed systems, mobile and wearable computing, natural language processing, networking, operating systems, programming systems, robotics, user interfaces, and real-time multimedia.

Research labs contain several large Linux and Solaris clusters; Puma 500 and IBM robotic arms; a UTAH-MIT dexterous hand; an Adept-1 robot; three mobile research robots; a real-time defocus range sensor; interactive 3-D graphics workstations with 3-D position and orientation trackers; prototype wearable computers, wall-sized stereo projection systems; see-through head-mounted displays; a networking testbed with three Cisco 7500 backbone routers, traffic generators; an IDS testbed with secured LAN, Cisco routers, EMC storage, and Linux servers; and a simulation testbed with several Sun servers and Cisco Catalyst routers. The department uses a SIP IP phone system. The protocol was developed in the department.

The department's computers are connected via a switched 1Gb/s Ethernet network, which has direct connectivity to the campus OC-3 Internet and internet 2 gateways. The campus has 802.11b/g wireless LAN coverage.

The research facility is supported by a full-time staff of professional system administrators and programmers.

PROFESSORS

Alfred V. Aho
Peter K. Allen

Peter Belhumeur
Steven M. Bellovin
David Blei
Luca Carloni
Michael J. Collins
Steven K. Feiner
Luis Gravano
Julia Hirschberg
Gail E. Kaiser
John R. Kender
Kathleen R. McKeown
Vishal Misra
Shree K. Nayar
Jason Nieh
Steven M. Nowick
Christos Papadimitriou
Kenneth A. Ross
Henning G. Schulzrinne
Rocco A. Servedio
Salvatore J. Stolfo
Jeannette Wing
Mihalis Yannakakis

ASSOCIATE PROFESSORS

Alexandr Andoni
Augustin Chaintreau
Xi Chen
Stephen A. Edwards
Yaniv Erlich
Roxana Geambasu
Eitan Grinspun
Daniel Hsu
Tony Jebara
Martha Allen Kim
Tal Malkin
Itsik Pe'er
Daniel S. Rubenstein
Simha Sethumadhavan
Junfeng Yang
Changxi Zheng

ASSISTANT PROFESSORS

Lydia Chilton
Ronghui Gu
Suman Jana
Baishakhi Ray
Carl Vondrick
Omri Weinstein
Eugene Wu

SENIOR LECTURER IN DISCIPLINE

Paul Blaer
Adam Cannon
Jae Woo Lee

LECTURER IN DISCIPLINE

Daniel Bauer
Tony Dear
Ansaf Salieb-Aouissi
Nakul Verma

ASSOCIATED FACULTY JOINT

Shih-Fu Chang
Clifford Stein

ASSOCIATED FACULTY

Matei Ciocarlie
Edward G. Coffman Jr. (*emeritus*)
Eleni Drinea
Jonathan Gross (*emeritus*)
Andreas Mueller
Steven H. Unger (*emeritus*)
Vladimir Vapnik
Yechiam Yemini (*emeritus*)

SENIOR RESEARCH SCIENTISTS

Moti Yung

RESEARCH SCIENTISTS

Smaranda Muresan*

ASSOCIATED RESEARCH SCIENTISTS

Allison Breton Bishop
Giuseppe DiGuglielmo
Paolo Mantovani
Hiroshi Sasaki
Eran Tromer

PROFESSOR OF PRACTICE

Donald F. Ferguson

GUIDELINES FOR ALL COMPUTER SCIENCE MAJORS AND CONCENTRATORS

Courses

Students may receive credit for only one of the following two courses:

- COMS W1004 Introduction to Computer Science and Programming in Java
- COMS W1005 Introduction to Computer Science and Programming in MATLAB.

Students may receive credit for only one of the following three courses:

- COMS W3134 Data Structures in Java
- COMS W3136 ESSENTIAL DATA STRUCTURES

- COMS W3137 HONORS DATA STRUCTURES # ALGOL

However, COMS W1005 and COMS W3136 cannot be counted towards the Computer Science major, minor, and concentration.

Transfer Credit

As a rule, no more than 12 transfer credits are accepted toward the major.

Grading

A maximum of one course worth no more than 4 points passed with a grade of D may be counted toward the major or concentration.

MAJOR IN COMPUTER SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above.

All majors should confer with their program adviser each term to plan their programs of study. Students considering a major in computer science are encouraged to talk to a program adviser during their first or second year. A typical program of study is as follows:

Program of Study

Computer Science Core (22-26 points). Adjustments were made to the course lists below in March 2022.

For students who declare in Spring 2014 and beyond:

ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI (recommended but not required)
First Year	
COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	Honors Introduction to Computer Science
Sophomore Year	
COMS W3134	Data Structures in Java
or COMS W3137	HONORS DATA STRUCTURES # ALGOL
COMS W3157	ADVANCED PROGRAMMING
COMS W3203	DISCRETE MATHEMATICS
Junior and Senior Year	
Select the remaining required core courses:	
COMS W3261	COMPUTER SCIENCE THEORY
CSEE W3827	FUNDAMENTALS OF COMPUTER SYSTS
Select one of the following courses:	
COMS W3251	COMPUTATIONAL LINEAR ALGEBRA (recommended)
MATH UN2010	LINEAR ALGEBRA

MATH UN2020	Honors Linear Algebra
APMA E2101	INTRO TO APPLIED MATHEMATICS
APMA E3101	APPLIED MATH I: LINEAR ALGEBRA
STAT GU4001	INTRODUCTION TO PROBABILITY AND STATISTICS

For students who declared prior to Spring 2014:

First Year

COMS W1004	Introduction to Computer Science and Programming in Java
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Sophomore Year

COMS W1007	Honors Introduction to Computer Science
COMS W3137	HONORS DATA STRUCTURES # ALGOL
COMS W3157	ADVANCED PROGRAMMING
COMS W3203	DISCRETE MATHEMATICS

Junior and Senior Year

COMS W3261	COMPUTER SCIENCE THEORY
CSEE W3827	FUNDAMENTALS OF COMPUTER SYSTS

In addition to the CS Core (22-26 points), all CS majors must complete the Calculus Requirement (3 points) and a Track Requirement (15 or 18 points). The CS major therefore requires 40-47 points total.

Mathematics (3 points)

Calculus II or Calculus III.

Note that Calculus III does NOT depend on Calculus II. You can take either Calculus II or III, but we recommend Calculus III, which covers topics that are a bit more relevant for upper-level Computer Science courses.

If you have received equivalent credits for Calculus I & II already (through a 4 or 5 on the AP Calculus exam for example), you are not required to take any more Calculus courses. But we recommend taking one more semester of Calculus, either Math UN1201 Calculus III or APAM E2000 Multivariate Calculus for Engineers and Scientists. APAM E2000 covers relevant topics from Calculus III and IV.

Track Requirement (15 or 18 points)

Students must select one of the following six upper-level tracks. Each track, except the combination track, requires five courses consisting of required, elective breadth, and elective track courses. The combination track requires a selection of six advanced courses: three 3000- or 4000-level computer science courses and three 3000- or 4000-level courses from another field. The elective breadth requirement in each track can be fulfilled with any 3-point computer science 3000-level or higher course that is not a computer science core course or a technical

elective course in that track. In addition to the breadth elective, the track requirements are as follows:

Foundations Track (15 points)

For students interested in algorithms, computational complexity, and other areas of theoretical Computer Science.

Note: Students who declared their Computer Science major prior to Fall 2016 may also count COMS 4241, COMS 4205, COMS 4281, COMS 4444, COMS 4771, and COMS 4772 as track elective courses.

Required Courses

CSOR W4231	ANALYSIS OF ALGORITHMS I
COMS W4236	INTRO-COMPUTATIONAL COMPLEXITY

Track Electives

Select 2 from:

MATH UN3020	NUMBER THEORY AND CRYPTOGRAPHY
MATH UN3025	MAKING, BREAKING CODES
COMS W4203	Graph Theory
MATH GU4032	FOURIER ANALYSIS
MATH GU4041	INTRO MODERN ALGEBRA I
MATH GU4042	INTRO MODERN ALGEBRA II
MATH GU4061	INTRO MODERN ANALYSIS I
MATH GU4155	PROBABILITY THEORY
COMS W4252	INTRO-COMPUTATIONAL LEARN THRY
COMS W4261	INTRO TO CRYPTOGRAPHY
APMA E4300	COMPUT MATH:INTRO-NUMERCL METH
IEOR E4407	GAME THEOR MODELS OF OPERATION
CSPH G4802	Math Logic II: Incompleteness
COMS E6232	ANALYSIS OF ALGORITHMS II
MATH G6238	Enumerative Combinatorics
COMS E6253	ADV TPCS-COMPUT LEARNING THRY
COMS E6261	ADVANCED CRYPTOGRAPHY
EEOR E6616	CONVEX OPTIMIZATION
IEOR E6613	Optimization, I
IEOR E6614	OPTIMIZATION II
IEOR E6711	STOCHASTIC MODELING I
IEOR E6712	STOCHASTIC MODELING II
ELEN E6717	INFORMATION THEORY
ELEN E6718	ERROR CORRECTING CODES
Adviser Approved:	
COMS W3902	UNDERGRADUATE THESIS
COMS W3998	UNDERGRAD PROJECTS IN COMP SCI
COMS W4901	Projects in Computer Science
COMS W4995	TOPICS IN COMPUTER SCIENCE

COMS E6998 TOPICS IN COMPUTER SCIENCE

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Software Systems Track (15 points)

For students interested in networks, programming languages, operating systems, software engineering, databases, security, and distributed systems.

Required Courses

COMS W4115 PROGRAMMING LANG # TRANSLATORS

COMS W4118 OPERATING SYSTEMS I

CSEE W4119 COMPUTER NETWORKS

Track Electives

Select 1 from:

Any COMS W41xx course

Any COMS W48xx course

COMS W3101 Programming Languages

COMS BC3930 Creative Embedded Systems

COMS W4444 PROGRAMMING # PROBLEM SOLVING

Adviser Approved:

COMS W3902 UNDERGRADUATE THESIS

COMS W3998 UNDERGRAD PROJECTS IN COMP SCI

COMS W4901 Projects in Computer Science

COMS W4995 TOPICS IN COMPUTER SCIENCE

COMS W4996 Special topics in computer science, II

Any COMS E68XX course

Any COMS E61XX course

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Intelligent Systems Track (15 points)

For students interested in machine learning, robotics, and systems capable of exhibiting “human-like” intelligence.

Required Courses

Select two of the following courses:

COMS W4701 ARTIFICIAL INTELLIGENCE

COMS W4705 NATURAL LANGUAGE PROCESSING

COMS W4706 Spoken Language Processing

COMS W4731 Computer Vision I: First Principles

COMS W4733 COMPUTATNL ASPECTS OF ROBOTICS

COMS W4771 MACHINE LEARNING

Track Electives

Select 2 from:

COMS W4252 INTRO-COMPUTATIONAL LEARN THRY

Any COMS W47xx course

Any COMS E67XX course

Adviser Approved:

COMS W3902 UNDERGRADUATE THESIS

COMS W3998 UNDERGRAD PROJECTS IN COMP SCI

COMS W4901 Projects in Computer Science

COMS W4995 TOPICS IN COMPUTER SCIENCE

COMS E6998 TOPICS IN COMPUTER SCIENCE

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Applications Track (15 points). Adjustments were made to the course lists below in March 2022.

For students interested in the implementation of interactive multimedia applications for the internet and wireless networks.

Required Courses

COMS W4111 INTRODUCTION TO DATABASES

COMS W4170 USER INTERFACE DESIGN

Track Electives

Select 2 from:

Any COMS W41xx course

Any COMS W47xx course

Adviser Approved:

COMS W3902 UNDERGRADUATE THESIS

COMS W3998 UNDERGRAD PROJECTS IN COMP SCI

COMS W4901 Projects in Computer Science

COMS W4995 TOPICS IN COMPUTER SCIENCE

Any COMS E69XX course

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Vision, Graphics, Interaction, and Robotics Track (15 points). Adjustments were made to the course lists below in March 2022.

For students in the vision, interaction, graphics, and robotics track. It focuses on visual information with topics in vision, graphics, human-computer interaction, robotics, modeling,

and learning. Students learn about fundamental ways in which visual information is captured, manipulated, and experienced.

Required Courses

Select two of the following courses:

COMS W4160	COMPUTER GRAPHICS
COMS W4167	COMPUTER ANIMATION
COMS W4731	Computer Vision I: First Principles

Track Electives

Select 2 from:

COMS W4162	Advanced Computer Graphics
COMS W4732	Computer Vision II: Learning
COMS W4170	USER INTERFACE DESIGN
COMS W4172	3D UI AND AUGMENTED REALITY
COMS W4701	ARTIFICIAL INTELLIGENCE
COMS W4733	COMPUTATIONAL ASPECTS OF ROBOTICS
COMS W4735	VISUAL INTERFACES TO COMPUTERS
COMS W4771	MACHINE LEARNING

Adviser Approved:

COMS W3902	UNDERGRADUATE THESIS
COMS W3998	UNDERGRAD PROJECTS IN COMP SCI
COMS W4901	Projects in Computer Science
COMS W4995	TOPICS IN COMPUTER SCIENCE

Any COMS E69XX course

One Breadth Course

Any 3-point COMS 3000- or 4000-level course except those courses in the CS core or in the required or elective courses for this track

Combination Track (18 points)

For students who wish to combine computer science with another discipline in the arts, humanities, social or natural sciences. A coherent selection of six upper-level courses is required: three from computer science and three from another discipline.

The courses should be planned with and approved by the student's CS faculty advisor by the first semester of the junior year. The six courses are typically 4000-level elective courses that would count towards the individual majors. Moreover, the six courses should have a common theme. The combination track is not intended for those students who pursue double majors.

MAJOR IN COMPUTER SCIENCE—MATHEMATICS

For a description of the joint major in computer science—mathematics, see the *Mathematics* section in this bulletin.

MAJOR IN INFORMATION SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above.

The major in information science requires a minimum of 33 points including a core requirement of five courses. Adjustments were made to the course lists below in March 2022.

The elective courses must be chosen with a faculty adviser to focus on the modeling and use of information within the context of a disciplinary theme. After discussing potential selections students prepare a proposal of study that must be approved by the faculty adviser. In all cases the six courses must be at the 3000-level or above with at least three courses chosen from computer science. Following are some example programs. For more examples or templates for the program proposal, see a faculty adviser.

Note: In most cases additional courses will be necessary as prerequisites in order to take some of the elective courses. This will depend on the student's proposed program of study.

Core Requirement

COMS W1001	Introduction to Information Science
or COMS W1002 Computing in Context	
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W3107	Clean Object-Oriented Design
COMS W3134	Data Structures in Java
STAT GU4001	INTRODUCTION TO PROBABILITY AND STATISTICS

Following are some suggested programs of instruction:

Information Science and Contemporary Society

Students may focus on how humans use technology and how technology has changed society.

The requirements include:

COMS W4111	INTRODUCTION TO DATABASES
COMS W4170	USER INTERFACE DESIGN
COMS W4701	ARTIFICIAL INTELLIGENCE
COMS W3410	COMPUTERS AND SOCIETY

SOCI UN3010	METHODS FOR SOCIAL RESEARCH
SOCI UN3960	SEMINAR - PROBLEMS OF LAW # SOCIETY

Information Science and the Economy

Students may focus on understanding information modeling together with existing and emerging needs in economics and finance as well as algorithms and systems to address those needs.

The requirements include:

COMS W4111	INTRODUCTION TO DATABASES
COMS W4701	ARTIFICIAL INTELLIGENCE
COMS W4771	MACHINE LEARNING
ECON UN3412	INTRODUCTION TO ECONOMETRICS
ECON UN3025	FINANCIAL ECONOMICS
ECON UN3265	MONEY AND BANKING

Information Science and Health Sciences

Students may focus on understanding information modeling together with existing and emerging needs in health sciences, as well as algorithms and systems to address those needs.

The requirements include:

COMS W4111	INTRODUCTION TO DATABASES
COMS W4170	USER INTERFACE DESIGN
COMS W4701	ARTIFICIAL INTELLIGENCE
BINF G4001	
BIOL W4037	Bioinformatics of Gene Expression
ECBM E3060/E4060	INTRO-GENOMIC INFO SCI # TECH

MAJOR IN DATA SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above.

In response to the ever growing importance of "big data" in scientific and policy endeavors, the last few years have seen an explosive growth in theory, methods, and applications at the interface between computer science and statistics. The statistics and computer science departments have responded with a joint-major that emphasizes the interface between the disciplines.

Prerequisites (15 points)

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN2010	LINEAR ALGEBRA

This introductory Statistics course:

STAT UN1201	CALC-BASED INTRO TO STATISTICS
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Statistics (12 points)

STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4241	STATISTICAL MACHINE LEARNING

or COMS W4771 Machine Learning

Computer Science (12 points)

Select one of the following courses:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
COMS W1007	Honors Introduction to Computer Science
ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI

Select one of the following courses:

COMS W3134	Data Structures in Java
COMS W3136	ESSENTIAL DATA STRUCTURES
COMS W3137	HONORS DATA STRUCTURES # ALGOL

Two required courses:

COMS W3203	DISCRETE MATHEMATICS
CSOR W4231	ANALYSIS OF ALGORITHMS I

Electives (15 points)

Select two of the following courses:

STAT UN3106	APPLIED MACHINE LEARNING
STAT GU4206	STAT COMP # INTRO DATA SCIENCE
STAT GU4224	BAYESIAN STATISTICS
STAT GU4243	APPLIED DATA SCIENCE
STAT Q4242	Advanced Machine Learning

Select three of the following courses:

COMS W3261	COMPUTER SCIENCE THEORY
COMS W4111	INTRODUCTION TO DATABASES
COMS W4130	Principles and Practice of Parallel Programming
COMS W4236	INTRO-COMPUTATIONAL COMPLEXITY
COMS W4252	INTRO-COMPUTATIONAL LEARN THRY

Any COMS W47xx course EXCEPT W4771

CONCENTRATION IN COMPUTER SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above. Adjustments were made to the course lists below in March 2022.

For students who declare in Spring 2014 and beyond:

The concentration in computer science requires a minimum of 22-24 points, as follows:

COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	Honors Introduction to Computer Science
COMS W3134	Data Structures in Java
or COMS W3137	HONORS DATA STRUCTURES # ALGOL
COMS W3157	ADVANCED PROGRAMMING
COMS W3203	DISCRETE MATHEMATICS
COMS W3261	COMPUTER SCIENCE THEORY
CSEE W3827	FUNDAMENTALS OF COMPUTER SYSTS (or any 3 point 4000-level computer science course)

Select one of the following courses:

COMS W3251	COMPUTATIONAL LINEAR ALGEBRA (recommended)
MATH UN2010	LINEAR ALGEBRA
MATH V2020	Honors Linear Algebra
APMA E2101	INTRO TO APPLIED MATHEMATICS
APMA E3101	APPLIED MATH I: LINEAR ALGEBRA
STAT GU4001	INTRODUCTION TO PROBABILITY AND STATISTICS
SIEO W3600	INTRO PROBABILITY/ STATISTICS

For students who declared prior to Spring 2014:

The concentration requires a minimum of 23 points, as follows:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1007	Honors Introduction to Computer Science
COMS W3137	HONORS DATA STRUCTURES # ALGOL
COMS W3157	ADVANCED PROGRAMMING
COMS W3261	COMPUTER SCIENCE THEORY

CSEE W3827	FUNDAMENTALS OF COMPUTER SYSTS (or any 3-point 4000-level computer science course)
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COMPUTER SCIENCE

COMS W1001 Introduction to Information Science. 3 points.

Lect: 3.

Basic introduction to concepts and skills in Information Sciences: human-computer interfaces, representing information digitally, organizing and searching information on the internet, principles of algorithmic problem solving, introduction to database concepts, and introduction to programming in Python.

COMS W1002 COMPUTING IN CONTEXT. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Introduction to elementary computing concepts and Python programming with domain-specific applications. Shared CS concepts and Python programming lectures with track-specific sections. Track themes will vary but may include computing for the social sciences, computing for economics and finance, digital humanities, and more. Intended for nonmajors. Students may only receive credit for one of ENGI E1006 or COMS W1002

Fall 2022: COMS W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1002	001/10798	T Th 1:10pm - 2:25pm 301 Uris Hall	Adam Cannon	4.00	182/201
COMS 1002	002/10984	T Th 2:40pm - 3:55pm 301 Uris Hall	Adam Cannon	4.00	120/200

COMS W1003 INTRO-COMPUT SCI/PROGRAM IN C. 3.00 points.

COMS W1004 Introduction to Computer Science and Programming in Java. 3 points.

Lect: 3.

A general introduction to computer science for science and engineering students interested in majoring in computer science or engineering. Covers fundamental concepts of computer science, algorithmic problem-solving capabilities, and introductory Java programming skills. Assumes no prior programming background. Columbia University students may receive credit for only one of the following two courses: 1004 or 1005.

Fall 2022: COMS W1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1004	001/10985	M W 2:40pm - 3:55pm 417 International Affairs Bldg	Paul Blaer	3	391/398
COMS 1004	002/10986	M W 5:40pm - 6:55pm	Paul Blaer	3	171/164

		501 Northwest Corner			
COMS 1004	H01/20439	M W 2:40pm - 3:55pm Online Only	Paul Blaer	3	4/40
COMS 1004	H02/20440	M W 5:40pm - 6:55pm Online Only	Paul Blaer	3	3/40

Spring 2023: COMS W1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1004	001/12396	T Th 11:40am - 12:55pm 417 International Affairs Bldg	Adam Cannon	3	240/350
COMS 1004	002/12398	T Th 1:10pm - 2:25pm 417 International Affairs Bldg	Adam Cannon	3	135/350

COMS W1005 Introduction to Computer Science and Programming in MATLAB. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

A general introduction to computer science concepts, algorithmic problem-solving capabilities, and programming skills in MATLAB. Assumes no prior programming background. Columbia University students may receive credit for only one of the following two courses: *W1004* or *W1005*.

COMS W1007 Honors Introduction to Computer Science. 3 points.

Lect: 3.

Prerequisites: AP Computer Science with a grade of 4 or 5 or similar experience.

An honors-level introduction to computer science, intended primarily for students considering a major in computer science. Computer science as a science of abstraction. Creating models for reasoning about and solving problems. The basic elements of computers and computer programs. Implementing abstractions using data structures and algorithms. Taught in Java.

COMS W1011 INTERMED COMPUTER PROGRAMMING. 3.00 points.**COMS W1012 COMPUTING IN CONTEXT REC. 0.00 points.****Fall 2022: COMS W1012**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1012	001/10987	F 9:00am - 9:50am 302 Fayerweather	Adam Cannon, Mark Santolucito	0.00	22/30
COMS 1012	002/10988	F 1:00pm - 1:50pm 303 Hamilton Hall	Adam Cannon, Mark Santolucito	0.00	23/30
COMS 1012	003/10989	Th 7:10pm - 8:00pm 520 Mathematics Building	Adam Cannon	0.00	30/40

COMS 1012	004/10990	Th 5:40pm - 6:30pm 829 Seeley W. Mudd Building	Adam Cannon	0.00	38/40
COMS 1012	005/10991	F 11:00am - 11:50am 467 Ext Schermerhorn Hall	Adam Cannon	0.00	14/40
COMS 1012	006/10992	F 2:00pm - 2:50pm 303 Hamilton Hall	Adam Cannon	0.00	17/40
COMS 1012	007/10993	Th 7:10pm - 8:00pm 140 Uris Hall	Adam Cannon	0.00	43/40
COMS 1012	008/10994	F 11:00am - 11:50am 963 Ext Schermerhorn Hall	Adam Cannon	0.00	35/40
COMS 1012	009/10995	F 2:00pm - 2:50pm 304 Hamilton Hall	Adam Cannon	0.00	38/40
COMS 1012	010/18644	Th 7:10pm - 8:00pm 608 Schermerhorn Hall	Adam Cannon	0.00	11/30
COMS 1012	011/18645	F 2:00pm - 2:50pm 608 Schermerhorn Hall	Adam Cannon	0.00	10/30
COMS 1012	012/18646	Th 7:10pm - 8:00pm 327 Seeley W. Mudd Building	Adam Cannon	0.00	19/30

COMS W1103 HONORS INTRO COMPUTER SCIENCE. 3.00 points.**COMS W1404 EMERGING SCHOLARS PROG SEMINAR. 1.00 point.**

Pass/Fail only.

Prerequisites: the instructor's permission. Corequisites: COMS W1002 or COMS W1004 or COMS W1007

Corequisites: COMS W1004, COMS W1007, COMS W1002

Prerequisites: the instructors permission. Corequisites: COMS W1002 or COMS W1004 or COMS W1007 Corequisites: COMS W1004, COMS W1007, COMS W1002 Peer-led weekly seminar intended for first and second year undergraduates considering a major in Computer Science. Pass/fail only. May not be used towards satisfying the major or SEAS credit requirements

Fall 2022: COMS W1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1404	001/20024	F 8:30am - 9:45am 253 Engineering Terrace	Adam Cannon	1.00	15/16
COMS 1404	002/20025	F 10:00am - 11:15am 253 Engineering Terrace	Adam Cannon	1.00	14/16
COMS 1404	003/20026	F 11:30am - 12:45pm 253 Engineering Terrace	Adam Cannon	1.00	14/16
COMS 1404	004/20027	F 1:00pm - 2:15pm 253 Engineering Terrace	Adam Cannon	1.00	0/16
COMS 1404	005/20029	F 2:30pm - 3:45pm 253 Engineering Terrace	Adam Cannon	1.00	15/16

COMS 1404	006/20030	F 4:00pm - 5:15pm 253 Engineering Terrace	Adam Cannon	1.00	10/16
COMS 1404	007/20031	F 9:30am - 10:45am 411 Kent Hall	Adam Cannon	1.00	14/16
COMS 1404	008/20032	F 11:00am - 12:15pm 411 Kent Hall	Adam Cannon	1.00	13/16
COMS 1404	009/20033	F 12:30pm - 1:45pm 411 Kent Hall	Adam Cannon	1.00	16/16
COMS 1404	010/20034	F 2:00pm - 3:15pm 411 Kent Hall	Adam Cannon	1.00	10/16

Spring 2023: COMS W1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1404	001/13816	F 8:30am - 9:45am 522c Kent Hall	Adam Cannon	1.00	8/16
COMS 1404	002/13817	F 10:00am - 11:15am 522c Kent Hall	Adam Cannon	1.00	5/16
COMS 1404	003/13818	F 11:30am - 12:45pm 522c Kent Hall	Adam Cannon	1.00	4/16
COMS 1404	004/13819	F 1:00pm - 2:15pm 522c Kent Hall	Adam Cannon	1.00	4/16
COMS 1404	005/13827	F 2:30pm - 3:45pm 522c Kent Hall	Adam Cannon	1.00	13/16
COMS 1404	006/13830	F 4:00pm - 5:15pm 522c Kent Hall	Adam Cannon	1.00	0/16
COMS 1404	007/13831	F 9:30am - 10:45am 522b Kent Hall	Adam Cannon	1.00	7/16
COMS 1404	008/13832	F 11:00am - 12:15pm 522b Kent Hall	Adam Cannon	1.00	4/16
COMS 1404	009/13833	F Sa 12:30pm - 1:45pm 522b Kent Hall	Adam Cannon	1.00	6/16
COMS 1404	010/13837	F 2:00pm - 3:15pm 522b Kent Hall	Adam Cannon	1.00	7/16

COMS W3011 INTERMED COMPUTER PROGRAMMING. 3.00 points.**COMS W3101 Programming Languages. 1 point.**

Lect: 1.

Prerequisites: Fluency in at least one programming language. Introduction to a programming language. Each section is devoted to a specific language. Intended only for those who are already fluent in at least one programming language. Sections may meet for one hour per week for the whole term, for three hours per week for the first third of the term, or for two hours per week for the first six weeks. May be repeated for credit if different languages are involved.

COMS W3102 Development Technologies. 1-2 points.

Lect: 2. Lab: 0-2.

Prerequisites: Fluency in at least one programming language. Introduction to software development tools and environments. Each section devoted to a specific tool or environment. One-point sections meet for two hours each week for half a semester, and two point sections include an additional two-hour lab.

COMS W3107 Clean Object-Oriented Design. 3.00 points.

Prerequisites: Intro to Computer Science/Programming in Java (COMS W1004) or instructor's permission. May not take for credit if already received credit for COMS W1007.

Prerequisites: see notes re: points

A course in designing, documenting, coding, and testing robust computer software, according to object-oriented design patterns and clean coding practices. Taught in Java. Object-oriented design principles include: use cases; CRC; UML; javadoc; patterns (adapter, builder, command, composite, decorator, facade, factory, iterator, lazy evaluation, observer, singleton, strategy, template, visitor); design by contract; loop invariants; interfaces and inheritance hierarchies; anonymous classes and null objects; graphical widgets; events and listeners; Java's Object class; generic types; reflection; timers, threads, and locks

Fall 2022: COMS W3107

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3107	001/10997	M W 4:10pm - 5:25pm 633 Seeley W. Mudd Building	John Kender	3.00	50/70

COMS W3123 ASSEMBLY LANG AND COMPUT LOGIC. 3.00 points.**COMS W3134 Data Structures in Java. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W1004) or knowledge of Java.

Data types and structures: arrays, stacks, singly and doubly linked lists, queues, trees, sets, and graphs. Programming techniques for processing such structures: sorting and searching, hashing, garbage collection. Storage management. Rudiments of the analysis of algorithms. Taught in Java. Note: Due to significant overlap, students may receive credit for only one of the following three courses: *COMS W3134*, *COMS W3136*, *COMS W3137*.

Fall 2022: COMS W3134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/10998	M W 4:10pm - 5:25pm 301 Uris Hall	Brian Borowski	3	216/250
COMS 3134	002/10999	M W 5:40pm - 6:55pm 301 Uris Hall	Brian Borowski	3	154/250

Spring 2023: COMS W3134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/12399	M W 2:40pm - 3:55pm 417 International Affairs Bldg	Paul Blaer	3	358/398
COMS 3134	002/12400	M W 5:40pm - 6:55pm 501 Northwest Corner	Paul Blaer	3	150/164

COMS W3136 ESSENTIAL DATA STRUCTURES. 4.00 points.

Prerequisites: (COMS W1004) or (COMS W1005) or (COMS W1007) or (ENGI E1006)

Prerequisites: (COMS W1004) or (COMS W1005) or (COMS W1007) or (ENGI E1006) A second programming course intended for nonmajors with at least one semester of introductory programming experience. Basic elements of programming in C and C , arraybased data structures, heaps, linked lists, C programming in UNIX environment, object-oriented programming in C , trees, graphs, generic programming, hash tables. Due to significant overlap, students may only receive credit for either COMS W3134, W3136, or W3137

Fall 2022: COMS W3136

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3136	001/11000	T Th 5:40pm - 6:55pm 310 Fayerweather	Timothy Paine	4.00	31/60

COMS W3137 HONORS DATA STRUCTURES # ALGOL. 4.00 points.

Prerequisites: (COMS W1004) or (COMS W1007)

Corequisites: COMS W3203

Prerequisites: (COMS W1004) or (COMS W1007)

Corequisites: COMS W3203 An honors introduction to data types and structures: arrays, stacks, singly and doubly linked lists, queues, trees, sets, and graphs. Programming techniques for processing such structures: sorting and searching, hashing, garbage collection. Storage management. Design and analysis of algorithms. Taught in Java. Note: Due to significant overlap, students may receive credit for only one of the following three courses: COMS W3134, W3136, or W3137

Spring 2023: COMS W3137

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3137	001/12401	M W 10:10am - 11:25am 627 Seeley W. Mudd Building	Daniel Bauer	4.00	25/50

COMS W3157 ADVANCED PROGRAMMING. 4.00 points.

Lect: 4.

Prerequisites: (COMS W3134) or (COMS W3137)

Prerequisites: (COMS W3134) or (COMS W3137) C programming language and Unix systems programming. Also covers Git, Make, TCP/IP networking basics, C fundamentals

Fall 2022: COMS W3157

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3157	001/11001	T Th 4:10pm - 5:25pm 417 International Affairs Bldg	Stephen Edwards, John Hui	4.00	362/398

Spring 2023: COMS W3157

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 3157	001/12402	M W 4:10pm - 5:25pm 301 Uris Hall	Brian Borowski	4.00	239/266
COMS 3157	002/12403	M W 5:40pm - 6:55pm 301 Uris Hall	Brian Borowski	4.00	106/266

COMS W3202 FINITE MATHEMATICS. 3.00 points.**COMS W3203 DISCRETE MATHEMATICS. 4.00 points.**

Lect: 3.

Prerequisites: Any introductory course in computer programming.

Prerequisites: Any introductory course in computer programming. Logic and formal proofs, sequences and summation, mathematical induction, binomial coefficients, elements of finite probability, recurrence relations, equivalence relations and partial orderings, and topics in graph theory (including isomorphism, traversability, planarity, and colorings)

Fall 2022: COMS W3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3203	001/11002	M W 1:10pm - 2:25pm 301 Uris Hall	Tony Dear	4.00	279/266

Spring 2023: COMS W3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3203	001/12404	T Th 10:10am - 11:25am 301 Uris Hall	Ansaf Salleb-Aouissi	4.00	148/164
COMS 3203	002/12405	T Th 11:40am - 12:55pm 301 Uris Hall	Ansaf Salleb-Aouissi	4.00	155/164
COMS 3203	003/18277	F 10:10am - 12:40pm 833 Seeley W. Mudd Building	Ansaf Salleb-Aouissi	4.00	109/164

COMS W3210 Scientific Computation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: two terms of calculus.

Introduction to computation on digital computers. Design and analysis of numerical algorithms. Numerical solution of equations, integration, recurrences, chaos, differential equations. Introduction to Monte Carlo methods. Properties of floating point arithmetic. Applications to weather prediction, computational finance, computational science, and computational engineering.

COMS W3251 COMPUTATIONAL LINEAR ALGEBRA. 4.00 points.**Fall 2022: COMS W3251**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3251	001/11003	T Th 10:10am - 11:25am 501 Northwest Corner	Daniel Hsu	4.00	128/164

Spring 2023: COMS W3251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 001/18028 F 1:10pm - 3:40pm Tony Dear 4.00 101/126
3251 402 Chandler

COMS W3261 COMPUTER SCIENCE THEORY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3203)

Corequisites: COMS W3134, COMS W3136, COMS W3137

Prerequisites: (COMS W3203) Corequisites: COMS

W3134, COMS W3136, COMS W3137 Regular languages:

deterministic and non-deterministic finite automata, regular

expressions. Context-free languages: context-free grammars,

push-down automata. Turing machines, the Chomsky hierarchy,

and the Church-Turing thesis. Introduction to Complexity

Theory and NP-Completeness

Fall 2022: COMS W3261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3261	001/11004	M W 8:40am - 9:55am 501 Northwest Corner	Tal Malkin	3.00	133/164
COMS 3261	002/11005	M W 10:10am - 11:25am 501 Northwest Corner	Tal Malkin	3.00	170/164

Spring 2023: COMS W3261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3261	001/12406	M W 8:40am - 9:55am 451 Computer Science Bldg	Xi Chen	3.00	73/110
COMS 3261	002/12407	M W 10:10am - 11:25am 451 Computer Science Bldg	Xi Chen	3.00	100/110
COMS 3261	003/18382	M W 1:10pm - 2:25pm 501 Northwest Corner	Xi Chen	3.00	150/164

COMS W3410 COMPUTERS AND SOCIETY. 3.00 points.

Lect: 3.

Broader impact of computers. Social networks and privacy.

Employment, intellectual property, and the media. Science and

engineering ethics. Suitable for nonmajors

Fall 2022: COMS W3410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3410	001/11006	W 4:10pm - 6:40pm 303 Uris Hall	Ronald Baecker	3.00	50/67

COMS E3899 Research Training. 0.00 points.

Research training course. Recommended in preparation for

laboratory related research

COMS W3902 UNDERGRADUATE THESIS. 0.00-6.00 points.

Prerequisites: Agreement by a faculty member to serve as thesis adviser.

Prerequisites: Agreement by a faculty member to serve as thesis adviser. An independent theoretical or experimental investigation by an undergraduate major of an appropriate problem in computer science carried out under the supervision of a faculty member. A formal written report is mandatory and an oral presentation may also be required. May be taken over more than one term, in which case the grade is deferred until all 6 points have been completed. Consult the department for section assignment

Fall 2022: COMS W3902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3902	038/13963		Mohammed AIQuraishi	0.00-6.00	45

COMS W3995 Special Topics in Computer Science. 3 points.

Lect: 3.

Prerequisites: the instructor's permission.

Consult the department for section assignment. Special topics

arranged as the need and availability arise. Topics are usually

offered on a one-time basis. Since the content of this course

changes each time it is offered, it may be repeated for credit.

COMS W3998 UNDERGRAD PROJECTS IN COMP SCI. 1.00-3.00 points.

Prerequisites: Approval by a faculty member who agrees to supervise the work.

Prerequisites: Approval by a faculty member who agrees to supervise the work. Independent project involving laboratory work, computer programming, analytical investigation, or engineering design. May be repeated for credit, but not for a total of more than 3 points of degree credit. Consult the department for section assignment

Fall 2022: COMS W3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3998	038/14049		Mohammed AIQuraishi	1.00-3.00	45

COMS W3999 FIELDWORK. 1.00 point.

Prerequisites: Obtained internship and approval from faculty

advisor. May be repeated for credit, but no more than 3 total

points may be used toward the 128-credit degree requirement.

Only for SEAS computer science undergraduate students who

include relevant off-campus work experience as part of their

approved program of study. Final report and letter of evaluation

required. May not be used as a technical or non-technical

elective. May not be taken for pass/fail credit or audited

COMS E3999 Fieldwork. 1 point.

Prerequisites: Obtained internship and approval from faculty advisor.

May be repeated for credit, but no more than 3 total points may

be used toward the 128-credit degree requirement. Only for

SEAS computer science undergraduate students who include

relevant off-campus work experience as part of their approved

program of study. Final report and letter of evaluation required.

May not be used as a technical or non-technical elective. May not be taken for pass/fail credit or audited.

COMS W4111 INTRODUCTION TO DATABASES. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Prerequisites: COMS W3134, COMS W3136, or COMS W3137; or the instructor's permission.

Prerequisites: (COMS W3134) or (COMS W3136) or (COMS W3137) or

Prerequisites: (COMS W3134) or (COMS W3137) or (COMS W3136) and fluency in Java); or the instructor's permission.

The fundamentals of database design and application development using databases: entity-relationship modeling, logical design of relational databases, relational data definition and manipulation languages, SQL, XML, query processing, physical database tuning, transaction processing, security. Programming projects are required

Fall 2022: COMS W4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4111	001/11007	T Th 1:10pm - 2:25pm 301 Pupin Laboratories	Luis Gravano	3.00	209/215
COMS 4111	002/11008	T Th 10:10am - 11:25am 451 Computer Science Bldg	Eugene Wu	3.00	87/110
COMS 4111	003/11009	F 10:10am - 12:40pm 417 International Affairs Bldg	Donald Ferguson	3.00	299/300
COMS 4111	H02/11010	T Th 10:10am - 11:25am None None	Eugene Wu	3.00	35/80
COMS 4111	V03/18260		Donald Ferguson	3.00	18/99

Spring 2023: COMS W4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4111	001/12408	M W 2:40pm - 3:55pm 309 Havemeyer Hall	Kenneth Ross	3.00	227/320
COMS 4111	002/12409	F 10:10am - 12:40pm 309 Havemeyer Hall	Donald Ferguson	3.00	311/320
COMS 4111	V02/19560		Donald Ferguson	3.00	7/99

COMS W4112 DATABASE SYSTEM IMPLEMENTATION. 3.00 points.

Lect: 2.5.

Prerequisites: (COMS W4111) and fluency in Java or C++. CSEE W3827 is recommended.

The principles and practice of building large-scale database management systems. Storage methods and indexing, query processing and optimization, materialized views, transaction processing and recovery, object-relational databases, parallel

and distributed databases, performance considerations. Programming projects are required

COMS W4113 FUND-LARGE-SCALE DIST SYSTEMS. 3.00 points.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (COMS W3157 or COMS W4118 or CSEE W4119)

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (COMS W3157 or COMS W4118 or CSEE W4119) Design and implementation of large-scale distributed and cloud systems. Teaches abstractions, design and implementation techniques that enable the building of fast, scalable, fault-tolerant distributed systems. Topics include distributed communication models (e.g. sockets, remote procedure calls, distributed shared memory), distributed synchronization (clock synchronization, logical clocks, distributed mutex), distributed file systems, replication, consistency models, fault tolerance, distributed transactions, agreement and commitment, Paxos-based consensus, MapReduce infrastructures, scalable distributed databases. Combines concepts and algorithms with descriptions of real-world implementations at Google, Facebook, Yahoo, Microsoft, LinkedIn, etc

Fall 2022: COMS W4113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4113	001/11011	F 10:10am - 12:40pm 451 Computer Science Bldg	Roxana Geambasu	3.00	92/110
COMS 4113	H01/20441	F 10:10am - 12:40pm Online Only	Roxana Geambasu	3.00	5/40
COMS 4113	V01/18001		Roxana Geambasu	3.00	13/99

COMS E4115 PROGRAMMING LANG # TRANSL. 3.00 points.

COMS W4115 PROGRAMMING LANG # TRANSLATORS. 3.00 points.

Lect: 3.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (COMS W3261) and (CSEE W3827) or equivalent, or the instructor's permission.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (COMS W3261) and (CSEE W3827) or equivalent, or the instructors permission. Modern programming languages and compiler design. Imperative, object-oriented, declarative, functional, and scripting languages. Language syntax, control structures, data types, procedures and parameters, binding, scope, run-time organization, and exception handling. Implementation of language translation tools including compilers and interpreters. Lexical, syntactic and semantic analysis; code generation; introduction to code optimization. Teams implement a language and its compiler

Fall 2022: COMS W4115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4115	001/11012	M W 4:10pm - 5:25pm Cin Alfred Lerner Hall	Ronghui Gu	3.00	65/200
COMS 4115	V01/18866		Ronghui Gu	3.00	1/99

Spring 2023: COMS W4115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4115	001/12811	M W 10:10am - 11:25am 833 Seeley W. Mudd Building	Baishakhi Ray	3.00	66/100
COMS 4115	V01/19689		Baishakhi Ray	3.00	3/99

COMS W4118 OPERATING SYSTEMS I. 3.00 points.

Lect: 3.

Prerequisites: (CSEE W3827) and knowledge of C and programming tools as covered in COMS W3136, W3157, or W3101, or the instructor's permission.

Prerequisites: (CSEE W3827) and knowledge of C and programming tools as covered in COMS W3136, W3157, or W3101, or the instructors permission. Design and implementation of operating systems. Topics include process management, process synchronization and interprocess communication, memory management, virtual memory, interrupt handling, processor scheduling, device management, I/O, and file systems. Case study of the UNIX operating system. A programming project is required

Fall 2022: COMS W4118

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4118	001/13030	T Th 8:40am - 9:55am 417 International Affairs Bldg	Jason Nieh	3.00	95/150
COMS 4118	V01/18640		Jason Nieh	3.00	8/99

Spring 2023: COMS W4118

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4118	001/12815	T Th 5:40pm - 6:55pm 501 Schermerhorn Hall	Jae Lee, Hans Montero	3.00	145/189
COMS 4118	V01/18052		Jae Lee, Hans Montero	3.00	11/99

COMS W4119 COMPUTER NETWORKS. 3.00 points.

Introduction to computer networks and the technical foundations of the internet, including applications, protocols, local area networks, algorithms for routing and congestion control, security, elementary performance evaluation. Several written and programming assignments required

COMS W4121 COMPUTER SYSTEMS FOR DATA SCIENCE. 3.00 points.

Prerequisites: background in Computer System Organization and good working knowledge of C/C++

Corequisites: CSOR W4246, STAT GU4203

Prerequisites: background in Computer System Organization and good working knowledge of C/C++ Corequisites: CSOR W4246, STAT GU4203 An introduction to computer architecture and distributed systems with an emphasis on warehouse scale computing systems. Topics will include fundamental tradeoffs in computer systems, hardware and software techniques for exploiting instruction-level parallelism, data-level parallelism and task level parallelism, scheduling, caching, prefetching, network and memory architecture, latency and throughput optimizations, specialization, and an introduction to programming data center computers

COMS W4130 Principles and Practice of Parallel Programming. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3137 or COMS W3136 and experience in Java) and basic understanding of analysis of algorithms.

Principles of parallel software design. Topics include task and data decomposition, load-balancing, reasoning about correctness, determinacy, safety, and deadlock-freedom. Application of techniques through semester-long design project implementing performant, parallel application in a modern parallel programming language.

COMS W4152 Engineering Software-as-a-Service. 3.00 points.

Modern software engineering concepts and practices including topics such as Software-as-a-Service, Service-oriented Architecture, Agile Development, Behavior-driven Development, Ruby on Rails, and Dev/ops

Fall 2022: COMS W4152

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4152	001/13219	T Th 8:40am - 9:55am 301 Pupin Laboratories	Junfeng Yang	3.00	194/200
COMS 4152	V01/18002		Junfeng Yang	3.00	24/99

COMS W4156 ADVANCED SOFTWARE ENGINEERING. 3.00 points.

Lect: 3.

Prerequisites: (COMS W3157) or equivalent.

Prerequisites: (COMS W3157) or equivalent. Software lifecycle using frameworks, libraries and services. Major emphasis on software testing. Centers on a team project

Fall 2022: COMS W4156

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4156	001/11013	T Th 10:10am - 11:25am	Gail Kaiser	3.00	106/120

614 Schermerhorn
Hall

COMS W4160 COMPUTER GRAPHICS. 3.00 points.

Lect: 3.

Prerequisites: (COMS W3134) or (COMS W3136) or (COMS W3137) COMS W4156 is recommended. Strong programming background and some mathematical familiarity including linear algebra is required.

Prerequisites: (COMS W3134) or (COMS W3136) or (COMS W3137) COMS W4156 is recommended. Strong programming background and some mathematical familiarity including linear algebra is required. Introduction to computer graphics. Topics include 3D viewing and projections, geometric modeling using spline curves, graphics systems such as OpenGL, lighting and shading, and global illumination. Significant implementation is required: the final project involves writing an interactive 3D video game in OpenGL

Fall 2022: COMS W4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4160	001/16850	T Th 6:40pm - 7:55pm 1024 Seeley W. Mudd Building	Hadi Fadaifard	3.00	45/50
COMS 4160	V01/20062		Hadi Fadaifard	3.00	2/99

COMS W4162 Advanced Computer Graphics. 3 points.

Lect: 3.

Prerequisites: (COMS W4160) or equivalent, or the instructor's permission.

A second course in computer graphics covering more advanced topics including image and signal processing, geometric modeling with meshes, advanced image synthesis including ray tracing and global illumination, and other topics as time permits. Emphasis will be placed both on implementation of systems and important mathematical and geometric concepts such as Fourier analysis, mesh algorithms and subdivision, and Monte Carlo sampling for rendering. Note: Course will be taught every two years.

COMS W4167 COMPUTER ANIMATION. 3.00 points.

Lect: 3.

Prerequisites: Multivariable calculus, linear algebra, C++ programming proficiency. COMS W4156 recommended. Theory and practice of physics-based animation algorithms, including animated clothing, hair, smoke, water, collisions, impact, and kitchen sinks. Topics covered: Integration of ordinary differential equations, formulation of physical models, treatment of discontinuities including collisions/contact, animation control, constrained Lagrangian Mechanics, friction/dissipation, continuum mechanics, finite elements, rigid bodies, thin shells, discretization of Navier-Stokes equations. General education requirement: quantitative and deductive reasoning (QUA).

COMS W4170 USER INTERFACE DESIGN. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137)

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) Introduction to the theory and practice of computer user interface design, emphasizing the software design of graphical user interfaces. Topics include basic interaction devices and techniques, human factors, interaction styles, dialogue design, and software infrastructure. Design and programming projects are required

Fall 2022: COMS W4170

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4170	001/11014	M W 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Brian Smith	3.00	119/120
COMS 4170	V01/18003		Brian Smith	3.00	7/99

COMS W4172 3D UI AND AUGMENTED REALITY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W4160) or (COMS W4170) or the instructor's permission.

Prerequisites: (COMS W4160) or (COMS W4170) or the instructors permission. Design, development, and evaluation of 3D user interfaces. Interaction techniques and metaphors, from desktop to immersive. Selection and manipulation. Travel and navigation. Symbolic, menu, gestural, and multimodal interaction. Dialogue design. 3D software support. 3D interaction devices and displays. Virtual and augmented reality. Tangible user interfaces. Review of relevant 3D math

Spring 2023: COMS W4172

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4172	001/12817	T Th 1:10pm - 2:25pm 227 Seeley W. Mudd Building	Steven Feiner	3.00	46/45

COMS W4181 SECURITY I. 3.00 points.

Not offered during 2022-23 academic year.

Prerequisites: COMS W3157 or equivalent.

Introduction to security. Threat models. Operating system security features. Vulnerabilities and tools. Firewalls, virtual private networks, viruses. Mobile and app security. Usable security. Note: May not earn credit for both W4181 and W4180 or W4187

Fall 2022: COMS W4181

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4181	001/11015	M W 1:10pm - 2:25pm 451 Computer Science Bldg	Suman Jana	3.00	52/100

COMS W4182 SECURITY II. 3.00 points.
Not offered during 2022-23 academic year.

Prerequisites: COMS W4181, COMS W4118, COMS W4119
 Advanced security. Centralized, distributed, and cloud system security. Cryptographic protocol design choices. Hardware and software security techniques. Security testing and fuzzing. Blockchain. Human security issues. Note: May not earn credit for both W4182 and W4180 or W4187

Spring 2023: COMS W4182

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4182	001/12819	T Th 1:10pm - 2:25pm 524 Seeley W. Mudd Building	Steven Bellovin	3.00	33/55
COMS 4182	V01/18054		Steven Bellovin	3.00	1/99

COMS W4186 MALWARE ANALYSIS#REVERSE ENGINEERING. 3.00 points.
Not offered during 2022-23 academic year.

Prerequisites: COMS W3157 or equivalent. COMS W3827
 Hands-on analysis of malware. How hackers package and hide malware and viruses to evade analysis. Disassemblers, debuggers, and other tools for reverse engineering. Deep study of Windows Internals and x86 assembly

Fall 2022: COMS W4186

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4186	001/11016	Th 4:10pm - 6:40pm 415 Schapiro Cepser	Michael Sikorski	3.00	36/40

COMS W4203 Graph Theory. 3 points.

Lect: 3.

Prerequisites: (COMS W3203)

General introduction to graph theory. Isomorphism testing, algebraic specification, symmetries, spanning trees, traversability, planarity, drawings on higher-order surfaces, colorings, extremal graphs, random graphs, graphical measurement, directed graphs, Burnside-Polya counting, voltage graph theory.

COMS W4205 Combinatorial Theory. 3 points.

Lect: 3. **Not offered during 2022-23 academic year.**

Prerequisites: (COMS W3203) and course in calculus.
 Sequences and recursions, calculus of finite differences and sums, elementary number theory, permutation group structures, binomial coefficients, Stirling numbers, harmonic numbers, generating functions.

COMS W4231 ANALYSIS OF ALGORITHMS I. 3.00 points.

COMS W4232 Advanced Algorithms. 3.00 points.

Prerequisite: Analysis of Algorithms (COMS W4231).

Prerequisites: see notes re: points

Introduces classic and modern algorithmic ideas that are central to many areas of Computer Science. The focus is on most powerful paradigms and techniques of how to design algorithms, and how to measure their efficiency. The intent is to be broad, covering a diversity of algorithmic techniques, rather than be deep. The covered topics have all been implemented and are widely used in industry. Topics include: hashing, sketching/streaming, nearest neighbor search, graph algorithms, spectral graph theory, linear programming, models for large-scale computation, and other related topics

Spring 2023: COMS W4232

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4232	001/12825	M W 2:40pm - 3:55pm 1127 Seeley W. Mudd Building	Alexandr Andoni	3.00	41/60
COMS 4232	V01/18055		Alexandr Andoni	3.00	5/99

COMS W4236 INTRO-COMPUTATIONAL COMPLEXITY. 3.00 points.

Lect: 3.

Prerequisites: (COMS W3261)

Prerequisites: (COMS W3261) Develops a quantitative theory of the computational difficulty of problems in terms of the resources (e.g. time, space) needed to solve them. Classification of problems into complexity classes, reductions, and completeness. Power and limitations of different modes of computation such as nondeterminism, randomization, interaction, and parallelism

Fall 2022: COMS W4236

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4236	001/11017	W 8:40am - 9:55am 1127 Seeley W. Mudd Building	Xi Chen	3.00	39/60
COMS 4236	V01/18004		Xi Chen	3.00	5/99

Spring 2023: COMS W4236

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4236	001/12835	M W 8:40am - 9:55am 524 Seeley W. Mudd Building	Rocco Servedio	3.00	43/55
COMS 4236	V01/18056		Rocco Servedio	3.00	3/99

COMS W4241 Numerical Algorithms and Complexity. 3 points.

Lect: 3.

Prerequisites: Knowledge of a programming language. Some knowledge of scientific computation is desirable.
 Modern theory and practice of computation on digital computers. Introduction to concepts of computational complexity. Design and analysis of numerical algorithms. Applications to computational finance, computational science, and computational engineering.

COMS W4242 NUMRCL ALGORITHMMS-COMPLEXITY II. 3.00 points.**COMS W4252 INTRO-COMPUTATIONAL LEARNING. 3.00 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (CSOR W4231) or (COMS W4236) or COMS W3203 and the instructor's permission, or COMS W3261 and the instructor's permission.

Possibilities and limitations of performing learning by computational agents. Topics include computational models of learning, polynomial time learnability, learning from examples and learning from queries to oracles. Computational and statistical limitations of learning. Applications to Boolean functions, geometric functions, automata.

Fall 2022: COMS W4252

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4252	001/11018	T Th 8:40am - 9:55am 402 Chandler	Rocco Servedio	3.00	98/126
COMS 4252	V01/18395		Rocco Servedio	3.00	7/99

COMS W4261 INTRO TO CRYPTOGRAPHY. 3.00 points.
Lect: 2.5.

Prerequisites: Comfort with basic discrete math and probability. Recommended: COMS W3261 or CSOR W4231.

Prerequisites: Comfort with basic discrete math and probability. Recommended: COMS W3261 or CSOR W4231. An introduction to modern cryptography, focusing on the complexity-theoretic foundations of secure computation and communication in adversarial environments; a rigorous approach, based on precise definitions and provably secure protocols. Topics include private and public key encryption schemes, digital signatures, authentication, pseudorandom generators and functions, one-way functions, trapdoor functions, number theory and computational hardness, identification and zero knowledge protocols

COMS W4281 INTRO TO QUANTUM COMPUTING. 3.00 points.

Lect: 3.

Prerequisites: Knowledge of linear algebra. Prior knowledge of quantum mechanics is not required although helpful. Introduction to quantum computing. Shor's factoring algorithm, Grover's database search algorithm, the quantum summation algorithm. Relationship between classical and quantum computing. Potential power of quantum computers.

Fall 2022: COMS W4281

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4281	001/16902	M W 10:10am - 11:25am 140 Uris Hall	Henry Yuen	3.00	53/52

COMS W4419 INTERNET TECHNOLOGY,ECONOMICS,AND POLICY. 3.00 points.
Not offered during 2022-23 academic year.

Technology, economic and policy aspects of the Internet. Summarizes how the Internet works technically, including protocols, standards, radio spectrum, global infrastructure and interconnection. Micro-economics with a focus on media and telecommunication economic concerns, including competition and monopolies, platforms, and behavioral economics. US constitution, freedom of speech, administrative procedures act and regulatory process, universal service, role of FCC. Not a substitute for CSEE4119. Suitable for non-majors. May not be used as a track elective for the computer science major.

Fall 2022: COMS W4419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4419	001/11019	T Th 5:40pm - 6:55pm 545 Seeley W. Mudd Building	Henning Schulzrinne	3.00	14/50
COMS 4419	V01/18005		Henning Schulzrinne	3.00	3/99

COMS W4444 PROGRAMMING # PROBLEM SOLVING. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (CSEE W3827)

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and (CSEE W3827) Hands-on introduction to solving open-ended computational problems. Emphasis on creativity, cooperation, and collaboration. Projects spanning a variety of areas within computer science, typically requiring the development of computer programs. Generalization of solutions to broader problems, and specialization of complex problems to make them manageable. Team-oriented projects, student presentations, and in-class participation required

Fall 2022: COMS W4444

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4444	001/11020	M W 1:10pm - 2:25pm 337 Seeley W. Mudd Building	Kenneth Ross	3.00	24/30

COMS W4460 PRIN-INNOVATN/ ENTREPRENEURSHIP. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructor's permission.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructor's permission. Team project centered course focused on principles of planning, creating, and growing a technology venture. Topics include: identifying and analyzing opportunities created by technology paradigm shifts, designing innovative products, protecting intellectual property, engineering innovative business models

Fall 2022: COMS W4460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4460	001/11021	F 10:10am - 12:40pm 829 Seeley W. Mudd Building	William Reinisch	3.00	39/40

Spring 2023: COMS W4460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4460	001/15565	M W 8:40am - 9:55am 829 Seeley W. Mudd Building	William Reinisch	3.00	42/40

COMS W4560 INTRO-COMP APPL-HLTH CRE/BIOMD.**3.00 points.**

Lect: 3.

Prerequisites: Experience with computers and a passing familiarity with medicine and biology. Undergraduates in their senior or junior years may take this course only if they have adequate background in mathematics and receive the instructor's permission.

Undergraduates in their senior or junior years may take this course only if they have adequate background in mathematics and receive permission from the instructor. An overview of the field of biomedical informatics, combining perspectives from medicine, computer science, and social science. Use of computers and information in healthcare and the biomedical sciences, covering specific applications and general methods, current issues, capabilities and limitations of biomedical informatics. Biomedical Informatics studies the organization of medical information, the effective management of information using computer technology, and the impact of such technology on medical research, education, and patient care. The field explores techniques for assessing current information practices, determining the information needs of healthcare providers and patients, developing interventions using computer technology, and evaluating the impact of those interventions

COMS W4701 ARTIFICIAL INTELLIGENCE. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and any course on probability. Prior knowledge of Python is recommended.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) and any course on probability. Prior knowledge of Python is recommended. Provides a broad understanding of the basic techniques for building intelligent computer systems. Topics include state-space problem representations, problem reduction and and-or graphs, game playing and heuristic search, predicate calculus, and resolution theorem proving, AI systems and languages for knowledge representation, machine learning and concept formation and other topics such as natural language processing may be included as time permits

Fall 2022: COMS W4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 4701	001/11022	T Th 10:10am - 11:25am 501 Schermerhorn Hall	Ansaf Salleb-Aouissi	3.00	176/189
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COMS 4701	002/11023	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Ansaf Salleb-Aouissi	3.00	180/189
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COMS 4701	V01/18006		Ansaf Salleb-Aouissi	3.00	19/99
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Spring 2023: COMS W4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4701	001/12837	M W 2:40pm - 3:55pm 301 Uris Hall	Tony Dear	3.00	168/220
COMS 4701	002/12838	M W 4:10pm - 5:25pm 501 Schermerhorn Hall	Tony Dear	3.00	149/180
COMS 4701	V01/18057		Tony Dear	3.00	19/99

COMS W4705 NATURAL LANGUAGE PROCESSING.**3.00 points.**

Lect: 3.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructor's permission.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructors permission. Computational approaches to natural language generation and understanding. Recommended preparation: some previous or concurrent exposure to AI or Machine Learning. Topics include information extraction, summarization, machine translation, dialogue systems, and emotional speech. Particular attention is given to robust techniques that can handle understanding and generation for the large amounts of text on the Web or in other large corpora. Programming exercises in several of these areas

Fall 2022: COMS W4705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/11024	M W 2:40pm - 3:55pm 501 Schermerhorn Hall	Daniel Bauer	3.00	188/189
COMS 4705	H01/20442		Daniel Bauer	3.00	32/50
COMS 4705	V01/18007		Daniel Bauer	3.00	27/99

Spring 2023: COMS W4705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/12839	M W 1:10pm - 2:25pm 417 International Affairs Bldg	Daniel Bauer	3.00	248/250
COMS 4705	002/18033	F 10:10am - 12:40pm 301 Pupin Laboratories	Daniel Bauer	3.00	158/175

COMS V01/18058 Daniel 3.00 22/99
4705 Bauer

COMS W4706 Spoken Language Processing. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) or the instructor's permission.

Computational approaches to speech generation and understanding. Topics include speech recognition and understanding, speech analysis for computational linguistics research, and speech synthesis. Speech applications including dialogue systems, data mining, summarization, and translation. Exercises involve data analysis and building a small text-to-speech system.

COMS W4721 MACHINE LEARNING FOR DATA SCI. 3.00 points.

Spring 2023: COMS W4721

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4721	001/17420	T Th 2:40pm - 3:55pm 309 Havemeyer Hall	John Paisley	3.00	150/155
COMS 4721	V01/19846		John Paisley	3.00	4/99

COMS W4725 Knowledge representation and reasoning. 3 points.

Lect: 3. Not offered during 2022-23 academic year.

Prerequisites: (COMS W4701)

General aspects of knowledge representation (KR). The two fundamental paradigms (semantic networks and frames) and illustrative systems. Topics include hybrid systems, time, action/plans, defaults, abduction, and case-based reasoning. Throughout the course particular attention is paid to design trade-offs between language expressiveness and reasoning complexity, and issues relating to the use of KR systems in larger applications.

COMS W4731 Computer Vision I: First Principles. 3.00 points.

Lect: 3.

Prerequisites: Fundamentals of calculus, linear algebra, and C programming. Students without any of these prerequisites are advised to contact the instructor prior to taking the course.

Introductory course in computer vision. Topics include image formation and optics, image sensing, binary images, image processing and filtering, edge extraction and boundary detection, region growing and segmentation, pattern classification methods, brightness and reflectance, shape from shading and photometric stereo, texture, binocular stereo, optical flow and motion, 2D and 3D object representation, object recognition, vision systems and applications

Fall 2022: COMS W4731

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 001/11025 M W 10:10am - 11:25am Shree 3.00 43/56
4731 214 Pupin Laboratories

COMS H01/20095 M W 10:10am - 11:25am Shree 3.00 33/44
4731 Online Only Nayar

COMS W4732 Computer Vision II: Learning. 3.00 points.

Advanced course in computer vision. Topics include convolutional networks and back-propagation, object and action recognition, self-supervised and few-shot learning, image synthesis and generative models, object tracking, vision and language, vision and audio, 3D representations, interpretability, and bias, ethics, and media deception

Spring 2023: COMS W4732

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4732	001/12843	F 10:10am - 12:40pm 501 Northwest Corner	Carl Vondrick	3.00	131/120
COMS 4732	V01/18059		Carl Vondrick	3.00	28/99

COMS W4733 COMPUTATIONAL ASPECTS OF ROBOTICS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137)

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) Introduction to robotics from a computer science perspective. Topics include coordinate frames and kinematics, computer architectures for robotics, integration and use of sensors, world modeling systems, design and use of robotic programming languages, and applications of artificial intelligence for planning, assembly, and manipulation

Spring 2023: COMS W4733

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4733	001/12844	F 10:10am - 12:40pm 428 Pupin Laboratories	Shuran Song	3.00	148/147
COMS 4733	V01/18060		Shuran Song	3.00	16/99

COMS W4735 VISUAL INTERFACES TO COMPUTERS. 3.00 points.

Lect: 3.

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137)

Prerequisites: (COMS W3134 or COMS W3136 or COMS W3137) Visual input as data and for control of computer systems. Survey and analysis of architecture, algorithms, and underlying assumptions of commercial and research systems that recognize and interpret human gestures, analyze imagery such as fingerprint or iris patterns, generate natural language descriptions of medical or map imagery. Explores foundations

in human psychophysics, cognitive science, and artificial intelligence

Spring 2023: COMS W4735

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4735	001/12847	T Th 2:40pm - 3:55pm 209 Havemeyer Hall	John Kender	3.00	87/110
COMS 4735	H01/19939	T Th 2:40pm - 3:55pm Online Only	John Kender	3.00	11/30
COMS 4735	V01/19421		John Kender	3.00	7/99

COMS W4737 Biometrics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: a background at the sophomore level in computer science, engineering, or like discipline.

In this course, we will explore the latest advances in biometrics as well as the machine learning techniques behind them.

Students will learn how these technologies work and how they are sometimes defeated. Grading will be based on homework assignments and a final project. There will be no midterm or final exam. This course shares lectures with *COMS E6737*.

Students taking *COMS E6737* are required to complete additional homework problems and undertake a more rigorous final project. Students will only be allowed to earn credit for *COMS W4737* or *COMS E6737* and not both.

COMS W4762 Machine Learning for Functional Genomics. 3 points.

Prerequisites: Proficiency in a high-level programming language (Python/R/Julia). An introductory machine learning class (such as *COMS 4771* Machine Learning) will be helpful but is not required.

Prerequisites: see notes re: points

This course will introduce modern probabilistic machine learning methods using applications in data analysis tasks from functional genomics, where massively-parallel sequencing is used to measure the state of cells: e.g. what genes are being expressed, what regions of DNA (“chromatin”) are active (“open”) or bound by specific proteins.

COMS E4762 Machine Learning for Functional Genomics. 3.00 points.

This course will introduce modern probabilistic machine learning methods using applications in data analysis tasks from functional genomics, where massively-parallel sequencing is used to measure the state of cells: e.g. what genes are being expressed, what regions of DNA (“chromatin”) are active (“open”) or bound by specific proteins

Fall 2022: COMS E4762

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4762	001/11026	M W 4:10pm - 5:25pm 451 Computer Science Bldg	David Knowles	3.00	73/100

COMS 4762	V01/18008	David Knowles	3.00	7/99
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COMS W4771 MACHINE LEARNING. 3.00 points.

Lect: 3.

Prerequisites: Any introductory course in linear algebra and any introductory course in statistics are both required. Highly recommended: *COMS W4701* or knowledge of Artificial Intelligence.

Prerequisites: Any introductory course in linear algebra and any introductory course in statistics are both required. Highly recommended: *COMS W4701* or knowledge of Artificial Intelligence. Topics from generative and discriminative machine learning including least squares methods, support vector machines, kernel methods, neural networks, Gaussian distributions, linear classification, linear regression, maximum likelihood, exponential family distributions, Bayesian networks, Bayesian inference, mixture models, the EM algorithm, graphical models and hidden Markov models. Algorithms implemented in MATLAB

Fall 2022: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/11027	T Th 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Nakul Verma	3.00	113/120
COMS 4771	V01/18009		Nakul Verma	3.00	10/99

Spring 2023: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/12850	T Th 1:10pm - 2:25pm 451 Computer Science Bldg	Nakul Verma	3.00	62/110
COMS 4771	002/12861	T Th 2:40pm - 3:55pm 451 Computer Science Bldg	Nakul Verma	3.00	63/110
COMS 4771	003/18029	F 1:10pm - 3:40pm 501 Northwest Corner	Nakul Verma	3.00	67/150
COMS 4771	V01/18061		Nakul Verma	3.00	9/99

COMS W4772 Advanced Machine Learning. 3 points.

Lect: 3.

Prerequisites: (*COMS W4771*) or instructor's permission; knowledge of linear algebra & introductory probability or statistics is required.

An exploration of advanced machine learning tools for perception and behavior learning. How can machines perceive, learn from, and classify human activity computationally?

Topics include appearance-based models, principal and independent components analysis, dimensionality reduction, kernel methods, manifold learning, latent models, regression, classification, Bayesian methods, maximum entropy methods, real-time tracking, extended Kalman filters, time series prediction, hidden Markov models, factorial HMMS, input-

output HMMs, Markov random fields, variational methods, dynamic Bayesian networks, and Gaussian/Dirichlet processes. Links to cognitive science.

COMS W4773 Machine Learning Theory. 3 points.

Prerequisites: Machine Learning (COMS W4771). Background in probability and statistics, linear algebra, and multivariate calculus. Ability to program in a high-level language, and familiarity with basic algorithm design and coding principles.

Prerequisites: see notes re: points

Core topics from unsupervised learning such as clustering, dimensionality reduction and density estimation will be studied in detail. Topics in clustering: k-means clustering, hierarchical clustering, spectral clustering, clustering with various forms of feedback, good initialization techniques and convergence analysis of various clustering procedures. Topics in dimensionality reduction: linear techniques such as PCA, ICA, Factor Analysis, Random Projections, non-linear techniques such as LLE, IsoMap, Laplacian Eigenmaps, tSNE, and study of embeddings of general metric spaces, what sorts of theoretical guarantees can one provide about such techniques. Miscellaneous topics: design and analysis of data structures for fast Nearest Neighbor search such as Cover Trees and LSH. Algorithms will be implemented in either Matlab or Python.

COMS E4773 Machine Learning Theory. 3.00 points.

Theoretical study of algorithms for machine learning and high-dimensional data analysis. Topics include high-dimensional probability, theory of generalization and statistical learning, online learning and optimization, spectral analysis

COMS W4774 Unsupervised Learning. 3.00 points.

Prerequisites: Solid background in multivariate calculus, linear algebra, basic probability, and algorithms.

Prerequisites: see notes re: points

Core topics from unsupervised learning such as clustering, dimensionality reduction and density estimation will be studied in detail. Topics in clustering: k-means clustering, hierarchical clustering, spectral clustering, clustering with various forms of feedback, good initialization techniques and convergence analysis of various clustering procedures. Topics in dimensionality reduction: linear techniques such as PCA, ICA, Factor Analysis, Random Projections, non-linear techniques such as LLE, IsoMap, Laplacian Eigenmaps, tSNE, and study of embeddings of general metric spaces, what sorts of theoretical guarantees can one provide about such techniques. Miscellaneous topics: design and analysis of data structures for fast Nearest Neighbor search such as Cover Trees and LSH. Algorithms will be implemented in either Matlab or Python

Fall 2022: COMS W4774

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4774	001/11028	T Th 1:10pm - 2:25pm 627 Seeley W. Mudd Building	Nakul Verma	3.00	40/50

COMS W4775 Causal Inference. 3.00 points.

Prerequisites: Discrete Math, Calculus, Statistics (basic probability, modeling, experimental design), some programming experience.

Prerequisites: see notes re: points

Causal Inference theory and applications. The theoretical topics include the 3-layer causal hierarchy, causal bayesian networks, structural learning, the identification problem and the do-calculus, linear identifiability, bounding, and counterfactual analysis. The applied part includes intersection with statistics, the empirical-data sciences (social and health), and AI and ML

Fall 2022: COMS W4775

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4775	001/11029	M W 4:10pm - 5:25pm 326 Uris Hall	Elias Bareinboim	3.00	53/65

COMS E4775 Causal Inference. 3 points.

Prerequisites: (COMS4711W) and Discrete Math, Calculus, Statistics (basic probability, modeling, experimental design), Some programming experience

Causal Inference theory and applications. The theoretical topics include the 3-layer causal hierarchy, causal bayesian networks, structural learning, the identification problem and the do-calculus, linear identifiability, bounding, and counterfactual analysis. The applied part includes intersection with statistics, the empirical-data sciences (social and health), and AI and ML.

COMS W4776 Machine Learning for Data Science. 3 points.

Lect.: 3

Prerequisites: (STAT GU4001 or IEOR E4150) and linear algebra.

Introduction to machine learning, emphasis on data science. Topics include least square methods, Gaussian distributions, linear classification, linear regression, maximum likelihood, exponential family distributions, Bayesian networks, Bayesian inference, mixture models, the EM algorithm, graphical models, hidden Markov models, support vector machines kernel methods. Emphasizes methods and problems relevant to big data. Students may not receive credit for both COMS W4771 and W4776.

COMS W4824 COMPUTER ARCHITECTURE. 3.00 points.

COMS W4835 COMPUTER ORGANIZATION II. 3.00 points.

COMS E4899 Research Training. 0.00 points.

Research training course. Recommended in preparation for laboratory related research

COMS W4901 Projects in Computer Science. 1-3 points.

Prerequisites: Approval by a faculty member who agrees to supervise the work.

A second-level independent project involving laboratory work, computer programming, analytical investigation, or engineering design. May be repeated for credit, but not for a total of more

than 3 points of degree credit. Consult the department for section assignment.

COMS W4910 CURRICULAR PRACTICAL TRAINING. 1.00 point.

COMS E4995 COMPUTER ARTS/VIDEO GAMES. 3.00 points.

Special topics arranged as the need and availability arises. Topics are usually offered on a one-time basis. Since the content of this course changes each time it is offered, it may be repeated for credit. Consult the department for section assignment

COMS W4995 TOPICS IN COMPUTER SCIENCE. 3.00 points.

Lect: 3.

Prerequisites: Instructor's permission.

Prerequisites: Instructor's permission. Special topics arranged as the need and availability arises. Topics are usually offered on a one-time basis. Since the content of this course changes each time it is offered, it may be repeated for credit. Consult the department for section assignment

Fall 2022: COMS W4995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4995	001/11030	T 4:10pm - 6:40pm 415 Schapiro Cepser	Paul Blaer, Jason Cahill	3.00	38/40
COMS 4995	002/11031	M W 5:40pm - 6:55pm 451 Computer Science Bldg	Stephen Edwards	3.00	67/110
COMS 4995	003/11032	M W 11:40am - 12:55pm 829 Seeley W. Mudd Building	Michelle Levine	3.00	24/40
COMS 4995	004/11033	M W 2:40pm - 3:55pm 451 Computer Science Bldg	Richard Zemel	3.00	88/90
COMS 4995	005/11034	W 4:10pm - 6:40pm 331 Uris Hall	Toniann Pitassi	3.00	3/50
COMS 4995	006/13377	T Th 2:40pm - 3:55pm 451 Computer Science Bldg	Peter Belhumeur	3.00	111/125
COMS 4995	007/13874	T Th 5:40pm - 6:55pm 331 Uris Hall	Yongwhan Lim	3.00	47/50
COMS 4995	008/16691	M 7:00pm - 9:30pm 451 Computer Science Bldg	Yongwhan Lim	3.00	53/100
COMS 4995	009/18505	F 1:10pm - 3:40pm 327 Seeley W. Mudd Building	Bjarne Stroustrup	3.00	31/33
COMS 4995	010/11035	Th 7:00pm - 9:30pm Room TBA	Joshua Gordon	3.00	0/200
COMS 4995	011/11036	M 7:00pm - 9:30pm 833 Seeley W. Mudd Building	Vijay Pappu	3.00	116/120
COMS 4995	012/11037	W 7:00pm - 9:30pm 417 International Affairs Bldg	Bryan Gibson	3.00	186/200

COMS 4995	013/18870	W 4:10pm - 6:40pm 417 International Affairs Bldg	Vijay Pappu	3.00	115/120
COMS 4995	020/18683	Th 4:10pm - 6:40pm 627 Seeley W. Mudd Building	Homayoon Beigi	3.00	19/50
COMS 4995	021/18684	T Th 4:10pm - 5:25pm 401 Chandler	Apoorv Agarwal	3.00	36/36
COMS 4995	H10/20665	Th 7:00pm - 9:30pm 417 International Affairs Bldg	Joshua Gordon	3.00	169/170
COMS 4995	V02/18012		Stephen Edwards	3.00	3/99
COMS 4995	V04/18013		Richard Zemel	3.00	18/20
COMS 4995	V11/18015		Vijay Pappu	3.00	18/99
COMS 4995	V12/18016		Bryan Gibson	3.00	9/99
COMS 4995	V20/18717		Homayoon Beigi	3.00	5/99

Spring 2023: COMS W4995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4995	001/12872	F 10:10am - 12:40pm 524 Seeley W. Mudd Building	Augustin Chaintreau	3.00	23/55
COMS 4995	002/12873	T Th 8:40am - 9:55am 451 Computer Science Bldg	Andrew Blumberg	3.00	28/60
COMS 4995	003/12878	F 1:10pm - 3:40pm 644 Seeley W. Mudd Building	Suman Jana	3.00	11/40
COMS 4995	004/12880	M 10:10am - 12:40pm 825 Seeley W. Mudd Building	Elias Bareinboim	3.00	16/40
COMS 4995	005/13643	T Th 4:10pm - 5:25pm 1127 Seeley W. Mudd Building	Apoorv Agarwal	3.00	40/36
COMS 4995	006/13644	Th 1:10pm - 3:40pm 825 Seeley W. Mudd Building	Austin Reiter	3.00	36/44
COMS 4995	007/13645	W 7:00pm - 9:30pm 451 Computer Science Bldg	Michelle Levine	3.00	54/60
COMS 4995	008/13646	M 7:10pm - 9:40pm 417 International Affairs Bldg	Yongwhan Lim	3.00	171/266
COMS 4995	009/13647	T Th 5:40pm - 6:55pm 141 Uris Hall	Timothy Paine	3.00	87/95
COMS 4995	010/13649	T 1:10pm - 3:40pm 825 Seeley W. Mudd Building	Gary Zamchick	3.00	36/35
COMS 4995	011/13652	T Th 4:10pm - 5:25pm 825 Seeley W. Mudd Building	HUGH THOMAS	3.00	42/44
COMS 4995	012/14917	Th 4:10pm - 6:40pm 420 Pupin Laboratories	Christian Swinehart	3.00	40/40

COMS 4995	020/12890	Th 7:00pm - 9:30pm 833 Seeley W. Mudd Building	Vijay Pappu	3.00	119/120
COMS 4995	021/16671	T 7:00pm - 9:30pm 313 Fayerweather	Adam Kelleher	3.00	55/78
COMS 4995	022/18282	T 4:10pm - 6:40pm 428 Pupin Laboratories	Vijay Pappu	3.00	115/120
COMS 4995	V05/19589		Apoorv Agarwal	3.00	9/99
COMS 4995	V08/18365		Yongwhan Lim	3.00	3/99
COMS 4995	V09/19739		Timothy Paine	3.00	6/99
COMS 4995	V20/18063		Vijay Pappu	3.00	18/99

COMS W4996 Special topics in computer science, II. 3 points.

Lect: 3. Not offered during 2022-23 academic year.

Prerequisites: Instructor's permission.

A continuation of COMS W4995 when the special topic extends over two terms.

COMPUTER SCIENCE - ENGLISH COMPUTER SCIENCE - ELECTRICAL ENGINEERING

CSEE W3826 FUNDAMENTALS OF COMPUTER ORG. 3.00 points.

CSEE W3827 FUNDAMENTALS OF COMPUTER SYSTS. 3.00 points.

Lect: 3.

Prerequisites: an introductory programming course.

Prerequisites: an introductory programming course.

Fundamentals of computer organization and digital logic.

Boolean algebra, Karnaugh maps, basic gates and components, flipflops and latches, counters and state machines, basics of combinational and sequential digital design. Assembly language, instruction sets, ALU's, single-cycle and multi-cycle processor design, introduction to pipelined processors, caches, and virtual memory

Fall 2022: CSEE W3827

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 3827	001/11054	T Th 11:40am - 12:55pm 501 Northwest Corner	Martha Kim	3.00	145/164
CSEE 3827	002/11055	T Th 1:10pm - 2:25pm 501 Northwest Corner	Martha Kim	3.00	130/164

Spring 2023: CSEE W3827

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 3827	001/12996	T Th 10:10am - 11:25am 451 Computer Science Bldg	Daniel Rubenstein	3.00	97/110

CSEE 3827	002/12999	T Th 11:40am - 12:55pm 451 Computer Science Bldg	Daniel Rubenstein	3.00	88/110
CSEE 3827	003/18032	F 10:10am - 12:40pm 614 Schermerhorn Hall	Daniel Rubenstein	3.00	82/120

CSEE W4119 COMPUTER NETWORKS. 3.00 points.

Prerequisites: Comfort with basic probability. Programming fluency in Python, C, Java, or Ruby (please see section course page for specific language requirements). Introduction to computer networks and the technical foundations of the Internet, including applications, protocols, local area networks, algorithms for routing and congestion control, security, elementary performance evaluation. Several written and programming assignments required

Fall 2022: CSEE W4119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4119	001/12026	T Th 2:40pm - 3:55pm 142 Uris Hall	Ethan Katz-Bassett	3.00	85/100
CSEE 4119	002/12376	T Th 1:10pm - 2:25pm 451 Computer Science Bldg	Ethan Katz-Bassett, Thomas Koch	3.00	57/100
CSEE 4119	V01/18292		Ethan Katz-Bassett	3.00	8/99

Spring 2023: CSEE W4119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4119	001/13058	W 10:10am - 12:40pm 417 International Affairs Bldg	Gil Zussman	3.00	77/120
CSEE 4119	002/13001	M W 1:10pm - 2:25pm 451 Computer Science Bldg	Vishal Misra	3.00	69/100
CSEE 4119	V01/18203		Gil Zussman	3.00	8/99

CSEE W4121 COMPUTER SYSTEMS FOR DATA SCIENCE. 3.00 points.

Prerequisites: Background in Computer System Organization and good working knowledge of C/C++. Corequisites: CSOR W4246 Algorithms for Data Science, STAT W4203 Probability Theory, or equivalent as approved by faculty advisor.

An introduction to computer architecture and distributed systems with an emphasis on warehouse scale computing systems. Topics will include fundamental tradeoffs in computer systems, hardware and software techniques for exploiting instruction-level parallelism, data-level parallelism and task level parallelism, scheduling, caching, prefetching, network and memory architecture, latency and throughput optimizations, specialization, and an introduction to programming data center computers

Spring 2023: CSEE W4121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CSEE 4121 002/13723 Th 7:00pm - 9:30pm Sambit 3.00 160/152
207 Mathematics Sahu
Building

CSEE W4140 NETWORKING LABORATORY. 3.00 points.

Lect: 3.

Prerequisites: (CSEE W4119) or equivalent.

In this course, students will learn how to put principles into practice, in a hands-on-networking lab course. The course will cover the technologies and protocols of the Internet using equipment currently available to large internet service providers such as CISCO routers and end systems. A set of laboratory experiments will provide hands-on experience with engineering wide-area networks and will familiarize students with the Internet Protocol (IP), Address Resolution Protocol (ARP), Internet Control Message Protocol (ICMP), User Datagram Protocol (UDP) and Transmission Control Protocol (TCP), the Domain Name System (DNS), routing protocols (RIP, OSPF, BGP), network management protocols (SNMP, and application-level protocols (FTP, TELNET, SMTP)

CSEE W4823 Advanced Logic Design. 3 points.

Lect: 3.

Prerequisites: (CSEE W3827) or a half semester introduction to digital logic, or the equivalent.

An introduction to modern digital system design. Advanced topics in digital logic: controller synthesis (Mealy and Moore machines); adders and multipliers; structured logic blocks (PLDs, PALs, ROMs); iterative circuits. Modern design methodology: register transfer level modelling (RTL); algorithmic state machines (ASMs); introduction to hardware description languages (VHDL or Verilog); system-level modelling and simulation; design examples.

Fall 2022: CSEE W4823

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4823	001/10795	M 4:10pm - 6:40pm 209 Havemeyer Hall	Matthew Ziegler	3	80/80

CSEE W4824 COMPUTER ARCHITECTURE. 3.00 points.

Lect: 3.

Prerequisites: (CSEE W3827) or equivalent.

Prerequisites: (CSEE W3827) or equivalent. Focuses on advanced topics in computer architecture, illustrated by case studies from classic and modern processors. Fundamentals of quantitative analysis. Pipelining. Memory hierarchy design. Instruction-level and thread-level parallelism. Data-level parallelism and graphics processing units. Multiprocessors. Cache coherence. Interconnection networks. Multi-core processors and systems-on-chip. Platform architectures for embedded, mobile, and cloud computing

Spring 2023: CSEE W4824

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4824	001/19424	M W 2:40pm - 3:55pm 451 Computer Science Bldg	Jose Moreira	3.00	32/40

CSEE W4840 EMBEDDED SYSTEMS. 3.00 points.

Lect: 3.

Prerequisites: (CSEE W4823)

Prerequisites: (CSEE W4823) Embedded system design and implementation combining hardware and software. I/O, interfacing, and peripherals. Weekly laboratory sessions and term project on design of a microprocessor-based embedded system including at least one custom peripheral. Knowledge of C programming and digital logic required

Spring 2023: CSEE W4840

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4840	001/12868	F 1:10pm - 3:40pm 451 Computer Science Bldg	Stephen Edwards	3.00	94/130

CSEE W4868 SYSTEM-ON-CHIP PLATFORMS. 3.00 points.

Prerequisites: (COMS W3157) and (CSEE W3827)

Prerequisites: (COMS W3157) and (CSEE W3827) Design and programming of System-on-Chip (SoC) platforms. Topics include: overview of technology and economic trends, methodologies and supporting CAD tools for system-level design, models of computation, the SystemC language, transaction-level modeling, software simulation and virtual platforms, hardware-software partitioning, high-level synthesis, system programming and device drivers, on-chip communication, memory organization, power management and optimization, integration of programmable processor cores and specialized accelerators. Case studies of modern SoC platforms for various classes of applications

Fall 2022: CSEE W4868

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4868	001/11056	T Th 11:40am - 12:55pm 413 Kent Hall	Luca Carloni	3.00	70/70

COMPUTER SCIENCE - BIOMEDICAL ENGINEERING

CBMF W4761 COMPUTATIONAL GENOMICS. 3.00 points.

Lect: 3.

Prerequisites: Working knowledge of at least one programming language, and some background in probability and statistics.

Prerequisites: Working knowledge of at least one programming language, and some background in probability and statistics. Computational techniques for analyzing genomic data including DNA, RNA, protein and gene expression data. Basic concepts in molecular biology relevant to these analyses. Emphasis on techniques from artificial intelligence and machine learning. String-matching algorithms, dynamic programming, hidden

Markov models, expectation-maximization, neural networks, clustering algorithms, support vector machines. Students with life sciences backgrounds who satisfy the prerequisites are encouraged to enroll

Spring 2023: CBMF W4761

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CBMF 4761	001/12397	T Th 5:40pm - 6:55pm 451 Computer Science Bldg	Itsik Pe'er	3.00	41/100
CBMF 4761	V01/18045		Itsik Pe'er	3.00	1/99

CREATIVE WRITING

Undergraduate Creative Writing Program Office: 609 Kent; 212-854-3774

<http://arts.columbia.edu/writing/undergraduate>

Director of Undergraduate Studies: Prof. Anelise Chen, Fiction, Nonfiction, 609 Kent; 212-854-3774; ac4132@columbia.edu

Undergraduate Executive Committee:

Prof. Anelise Chen, Fiction, Nonfiction, 609 Kent; 212-854-3774; ac4132@columbia.edu

Prof. Heidi Julavits, Fiction, 609 Kent; 212-854-3774; hj26@columbia.edu

Prof. Dorothea Lasky, Poetry, 609 Kent; 212-854-3774; dsl2121@columbia.edu

• **Undergraduate Advisory Committee:**

Prof. Anelise Chen, Fiction, Nonfiction, 609 Kent; 212-854-3774; ac4132@columbia.edu

Prof. Timothy Donnelly, Poetry, 415 Dodge; 212-854-4391; td28@columbia.edu

Prof. Margo Jefferson, Nonfiction, 609 Kent; 212-854-3774; mlj4@columbia.edu

Prof. Heidi Julavits, Fiction, 609 Kent; 212-854-3774; hj26@columbia.edu

Prof. Dorothea Lasky, Poetry, 609 Kent; 212-854-3774; dsl2121@columbia.edu

Prof. Sam Lipsyte, Fiction, 609 Kent; 212-854-3774; sam.lipsyte@columbia.edu

Prof. Deborah Paredez, Poetry, 609 Kent; dp2783@columbia.edu

Prof. Alan Ziegler, Fiction, 415 Dodge; 212-854-4391; az8@columbia.edu

The Creative Writing Program in The School of the Arts combines intensive writing workshops with seminars that study literature from a writer's perspective. Students develop and hone their literary technique in workshops. The seminars (which explore literary technique and history) broaden their sense of possibility by exposing them to various ways that language has been used to make art. Related courses are drawn from departments such as

English, comparative literature and society, philosophy, history, and anthropology, among others.

Students consult with faculty advisers to determine the related courses that best inform their creative work. For details on the major, see the Creative Writing website: <http://arts.columbia.edu/writing/undergraduate>.

PROFESSORS

Margo L. Jefferson

Phillip Lopate

Benjamin Marcus

Alan Ziegler

ASSOCIATE PROFESSORS

Susan Bernofsky

Timothy Donnelly

Heidi Julavits

Dorothea Lasky

Victor LaValle

Sam Lipsyte

Deborah Paredez

ASSISTANT PROFESSORS

Anelise Chen

Lynn Xu

ADJUNCT PROFESSORS

Halle Butler

Frances Cha

Bonnie Chau

Jon Cotner

Dennard Dayle

Alex Dimitrov

Joseph Fasano

Elizabeth Greenwood

Jared Jackson

Katrine Øgaard Jensen

Joss Lake

Marie Myung-Ok Lee

Hilary Leichter

Madelaine Lucas

Patricia Marx

Molly McGhee

Mallika Rao

Mark Rozzo

Nina Sharma

Christine Smallwood

John Vincler

Madeleine Watts

James Yeh

Samantha Zighelboim

GRADUATE FACULTY FELLOWS

Aamir Azhar
Naomi Bernstein
Ryan Cook
Rose Demaris
Alex Kapsidelis
Kai-Lilly Karpman
Christian Kennedy
Rebecca Levey
James McGowan
Wyonia McLaurin
Sabrina Qiao
Rachel Raiola

Rhoni Blankenhorn
Sophie Dess
Nicholas Gambini
Kayla Heisler
Benn Jeffries
Hannah Kaplan
Emmett Lewis
Frances Lindemann
Halley McDonough
Kellina Moore
Ashley Porras
Cory Scarola
Jacob Schultz

MAJOR IN CREATIVE WRITING

The major in creative writing requires a minimum of 36 points: five workshops, four seminars, and three related courses.

Workshop Curriculum (15 points)

Students in the workshops produce original works of fiction, poetry, or nonfiction, and submit them to their classmates and instructor for a close critical analysis. Workshop critiques (which include detailed written reports and thorough line-edits) assess the mechanics and merits of the writing pieces. Individual instructor conferences distill the critiques into a direct plan of action to improve the work. Student writers develop by practicing the craft under the diligent critical attention of their peers and instructor, which guides them toward new levels of creative endeavor.

Creative writing majors select 15 points within the division in the following courses. One workshop must be in a genre other than the primary focus. For instance, a fiction writer might take four fiction workshops and one poetry workshop.

Beginning Workshop

Designed for students who have little or no previous experience writing literary texts in a particular genre.

WRIT UN1100	BEGINNING FICTION WORKSHOP
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WRIT UN1200	BEGINNING NONFICTION WORKSHOP
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WRIT UN1300	BEGINNING POETRY WORKSHOP
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Intermediate Workshop

Permission required. Admission by writing sample. Enrollment limited to 15. Course may be repeated in fulfillment of the major.

WRIT UN2100	INTERMEDIATE FICTION WORKSHOP
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WRIT UN2200	INTERMEDIATE NONFICTION WRKSHP
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WRIT UN2300	INTERMEDIATE POETRY WORKSHOP
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Advanced Workshop

Permission required. Admission by writing sample. Enrollment limited to 15. Course may be repeated in fulfillment of the major.

WRIT UN3100	ADVANCED FICTION WORKSHOP
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WRIT UN3200	ADVANCED NONFICTION WORKSHOP
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WRIT UN3300	ADVANCED POETRY WORKSHOP
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Senior Creative Writing Workshop

Seniors who are creative writing majors are given priority. Enrollment limited to 12, by instructor's permission. The senior workshop offers students the opportunity to work exclusively with classmates who are at the same high level of accomplishment in the major. This course is only offered by graduate faculty professors.

WRIT UN3101	SENIOR FICTION WORKSHOP, Senior Fiction Workshop
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WRIT UN3201	SENIOR NONFICTION WORKSHOP
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WRIT UN3301	SENIOR POETRY WORKSHOP
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Seminar Curriculum (12 points)

The creative writing seminars form the intellectual ballast of our program. Our seminars offer a close examination of literary techniques such as plot, point of view, tone, and voice.

They seek to inform and inspire students by exposing them to a wide variety of approaches in their chosen genre. Our curriculum, via these seminars, actively responds not only to historical literary concerns, but to contemporary ones as well.

Extensive readings are required, along with short critical papers and/or creative exercises. By closely analyzing diverse works of literature and participating in roundtable discussions, writers build the resources necessary to produce their own accomplished creative work.

Creative writing majors select 12 points within the division. Any 4 seminars will fulfill the requirement, no matter the student's chosen genre concentration. Below is a sampling of

our seminars. The list of seminars currently being offered can be found in the "Courses" section.

These seminars offer close examination of literary techniques such as plot, point of view, tone, suspense, and narrative voice. Extensive readings are required, along with creative exercises.

FICTION

WRIT UN3121	HOW TO BUILD A PERSON
WRIT UN3117	Fiction Seminar: The Here & Now
WRIT UN3122	FIRST NOVELS: HOW THEY WORK
WRIT UN3120	THE CRAFT OF WRITING DIALOGUE

NONFICTION

WRIT UN3213	Nonfiction Seminar: The Literary Reporter
WRIT UN3215	ART WRITING FOR WRITERS
WRIT UN3216	TRUTH # FACTS
WRIT UN3217	SCIENCE AND SENSIBILITY

POETRY

WRIT UN2311	TRADITIONS IN POETRY
WRIT UN3313	Poetry Seminar: The Crisis of the I
WRIT UN3314	Poetry Seminar: 21st Century American Poetry and Its Concerns
WRIT GU4310	WITNESS, RECORD, DOCUMENT

CROSS GENRE

WRIT GU4011	Cross Genre Seminar: Imagining Berlin
WRIT GU4012	Cross Genre Seminar: Diva Voice, Diva Style, Diva Lyrics
WRIT UN3016	WALKING
WRIT UN3013	Cross-Genre Seminar: Process Writing & Writing Process

Related Courses (9 points)

Drawn from various departments, these courses provide concentrated intellectual and creative stimulation, as well as exposure to ideas that enrich students' artistic instincts. Courses may be different for each student writer. Students should consult with faculty advisers to determine the related courses that best inform their creative work.

FICTION WORKSHOPS

WRIT UN1100 BEGINNING FICTION WORKSHOP. 3.00 points.

Prerequisites: No prerequisites. Department approval NOT required. The beginning workshop in fiction is designed for students with little or no experience writing literary texts in fiction. Students are introduced to a range of technical and imaginative concerns through exercises and discussions, and they eventually produce their own writing for the critical analysis of the class. The focus of the course is on the rudiments of voice, character, setting, point of view, plot, and lyrical use of language. Students will begin to develop

the critical skills that will allow them to read like writers and understand, on a technical level, how accomplished creative writing is produced. Outside readings of a wide range of fiction supplement and inform the exercises and longer written projects

Fall 2022: WRIT UN1100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1100	001/11472	Th 2:10pm - 4:00pm 511 Kent Hall	Benjamin Jeffries	3.00	12/15
WRIT 1100	002/11806	M 4:10pm - 6:00pm 511 Kent Hall	Frances Lindemann	3.00	15/15
WRIT 1100	003/11818	W 4:10pm - 6:00pm 511 Kent Hall	Halley McDonough	3.00	12/15
WRIT 1100	004/11820	Th 4:10pm - 6:00pm 511 Kent Hall	Cory Scarola	3.00	14/15
WRIT 1100	005/15602	W 12:10pm - 2:00pm 405 Kent Hall	Jacob Schultz	3.00	11/15

Spring 2023: WRIT UN1100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1100	001/16592	M 4:10pm - 6:00pm 511 Kent Hall	Aamir Azhar	3.00	15/15
WRIT 1100	002/16591	T 6:10pm - 8:00pm 511 Kent Hall	Alexander Kapsidelis	3.00	14/15
WRIT 1100	003/16590	W 6:10pm - 8:00pm 511 Kent Hall	Rachel Raiola	3.00	14/15
WRIT 1100	004/16589	Th 2:10pm - 4:00pm 511 Kent Hall	Wyonia McLaurin	3.00	12/15
WRIT 1100	005/16588	T 2:10pm - 4:00pm 316 Hamilton Hall	James McGowan	3.00	10/15

WRIT UN2100 INTERMEDIATE FICTION WORKSHOP. 3.00 points.

Prerequisites: The departments permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. Intermediate workshops are for students with some experience with creative writing, and whose prior work merits admission to the class (as judged by the professor). Intermediate workshops present a higher creative standard than beginning workshops, and increased expectations to produce finished work. By the end of the semester, each student will have produced at least seventy pages of original fiction. Students are additionally expected to write extensive critiques of the work of their peers

Fall 2022: WRIT UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2100	001/11826	M 6:10pm - 8:00pm 511 Kent Hall	Jared Jackson	3.00	15/15
WRIT 2100	002/11827	Th 12:10pm - 2:00pm 511 Kent Hall	Madelaine Lucas	3.00	16/15

Spring 2023: WRIT UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2100	001/16583	Th 4:10pm - 6:00pm 511 Kent Hall	Heidi Julavits	3.00	16/15

WRIT 2100 002/16582 M 10:10am - Frances 3.00 11/15
12:00pm Cha
306 Uris Hall

WRIT UN3100 ADVANCED FICTION WORKSHOP. 3.00 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. Building on the work of the Intermediate Workshop, Advanced Workshops are reserved for the most accomplished creative writing students. A significant body of writing must be produced and revised. Particular attention will be paid to the components of fiction: voice, perspective, characterization, and form. Students will be expected to finish several short stories, executing a total artistic vision on a piece of writing. The critical focus of the class will include an examination of endings and formal wholeness, sustaining narrative arcs, compelling a reader's interest for the duration of the text, and generating a sense of urgency and drama in the work

Fall 2022: WRIT UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3100	001/11833	T 6:10pm - 8:00pm 652 Schermerhorn Hall	Bonnie Chau	3.00	12/15
WRIT 3100	002/11835	W 2:10pm - 4:00pm 511 Kent Hall	Samuel Lipsyte	3.00	15/15

Spring 2023: WRIT UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3100	001/16571	M 10:10am - 12:00pm 511 Kent Hall	Marie Lee	3.00	11/15
WRIT 3100	002/16570	T 4:10pm - 6:00pm 606 Lewisohn Hall	Halle Butler	3.00	15/15

WRIT UN3101 SENIOR FICTION WORKSHOP, Senior Fiction Workshop. 4.00, 4 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. Seniors who are majors in creative writing are given priority for this course. Enrollment is limited, and is by permission of the professor. The senior workshop offers students the opportunity to work exclusively with classmates who are at the same high level of accomplishment in the major. Students in the senior workshops will produce and revise a new and substantial body of work. In-class critiques and conferences with the professor will be tailored to needs of each student. ,

Seniors who are majors in creative writing are given priority for this course. Enrollment is limited, and is by permission of the professor. The senior workshop offers students the opportunity to work exclusively with classmates who are at the same high level of accomplishment in the major. Students in the senior workshops will produce and revise a new and substantial body of work. In-class critiques and conferences with the professor will be tailored to needs of each student.

Fall 2022: WRIT UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3101	001/11840	Th 12:10pm - 2:00pm 607 Hamilton Hall	Halle Butler	4	13/12

Spring 2023: WRIT UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3101	001/16569	W 2:10pm - 4:00pm 201 80 Claremont	Benjamin Marcus	4	14/12

FICTION SEMINARS

WRIT UN2110 APPROACHES TO THE SHORT STORY. 3.00 points.

Prerequisites: No prerequisites. Department approval NOT required.

The modern short story has gone through many transformations, and the innovations of its practitioners have often pointed the way for prose fiction as a whole. The short story has been seized upon and refreshed by diverse cultures and aesthetic affiliations, so that perhaps the only stable definition of the form remains the famous one advanced by Poe, one of its early masters, as a work of fiction that can be read in one sitting. Still, common elements of the form have emerged over the last century and this course will study them, including Point of View, Plot, Character, Setting and Theme. John Hawkes once famously called these last four elements the "enemies of the novel," and many short story writers have seen them as hindrances as well. Hawkes later recanted, though some writers would still agree with his earlier assessment, and this course will examine the successful strategies of great writers across the spectrum of short story practice, from traditional approaches to more radical solutions, keeping in mind how one period's revolution - Hemingway, for example - becomes a later era's mainstream or "commonsense" storytelling mode. By reading the work of major writers from a writer's perspective, we will examine the myriad techniques employed for what is finally a common goal: to make readers feel. Short writing exercises will help us explore the exhilarating subtleties of these elements and how the effects created by their manipulation or even outright absence power our most compelling fictions

Fall 2022: WRIT UN2110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2110	001/13144	T 12:10pm - 2:00pm 511 Kent Hall	Sophie Dess	3.00	10/15

Spring 2023: WRIT UN2110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2110	001/16581	W 4:10pm - 6:00pm 608 Lewisohn Hall	Naomi Bernstein	3.00	15/15

WRIT UN3111 EXERCISES IN STYLE. 3.00 points.

TBA

Spring 2023: WRIT UN3111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3111	001/16593	Th 6:10pm - 8:00pm 511 Kent Hall	Christine Smallwood	3.00	13/15

WRIT UN3127 Time Moves Both Ways. 3 points.

What is time travel, really? We can use a machine or walk through a secret door. Take a pill or fall asleep and wake up in the future. But when we talk about magic machines and slipstreams and Rip Van Winkle, we are also talking about memory, chronology, and narrative. In this seminar, we will approach time travel as a way of understanding "the Fourth Dimension" in fiction. Readings will range from the speculative to the strange, to the realism of timelines, flashbacks, and shifts in perspective. Coursework will include short, bi-weekly writing assignments, a completed short story, and a time inflected adaptation.

Spring 2023: WRIT UN3127

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3127	001/16594	W 12:10pm - 2:00pm 511 Kent Hall	Hilary Leichter	3	17/15

WRIT UN3128 How to Write Funny. 3.00 points.

"Tragedy is when I cut my finger. Comedy is when you fall into an open sewer and die." --Mel Brooks "Comedy has to be based on truth. You take the truth and you put a little curlicue at the End." --Sid Caesar "Analyzing humor is like dissecting a frog. Few people are interested and the frog dies of it." --E.B. White "What is comedy? Comedy is the art of making people laugh without making them puke." --Steve Martin "Patty Marx is the best teacher at Columbia University." --Patty Marx One of the above quotations is false. Find out which one in this humor-writing workshop, where you will read, listen to, and watch comedic samples from well-known and lesser-known humorists. How could you not have fun in a class where we watch and critique the sketches of Monty Python, Nichols and May, Mr. Show, Mitchell # Webb, Key and Peele, French and Saunders, Derrick Comedy, Beyond the Fringe, Dave Chappelle, Bob and Ray, Mel Brooks, Amy Schumer, and SNL, to name just a few? The crux of our time, though, will be devoted to writing. Students will be expected to complete weekly writing assignments; additionally, there will be in-class assignments geared to strategies for crafting surprise (the kind that results in a laugh as opposed to, say, a heart attack or divorce). Toward this end, we will study the use of irony, irreverence, hyperbole, misdirection, subtext, wordplay, formulas such as the rule of three and parapsodokians (look it up), and repetition, and repetition

Spring 2023: WRIT UN3128

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3128	001/16595	M 2:10pm - 4:00pm 511 Kent Hall	Patricia Marx	3.00	13/15

WRIT UN3125 APOCALYPSES NOW. 3.00 points.

From ancient myths of the world's destruction to cinematic works that envision a post-apocalyptic reality, zealots of all kinds have sought an understanding of "the end of the world as we know it." But while apocalyptic predictions have, so far, failed to deliver a real glimpse of that end, in fiction they abound. In this course, we will explore the narrative mechanisms by which post-apocalyptic works create projections of our own world that are believably imperiled, realistically degraded, and designed to move us to feel differently and act differently within the world we inhabit. We will consider ways in which which authors craft immersive storylines that maintain a vital allegorical relationship to the problems of the present, and discuss recent trends in contemporary post-apocalyptic fiction. How has the genre responded to our changing conception of peril? Is literary apocalyptic fiction effective as a vehicle for persuasion and for showing threats in a new light? Ultimately, we will inquire into the possibility of thinking beyond our present moment and, by doing so, altering our fate.

Fall 2022: WRIT UN3125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3125	001/13671	M 2:10pm - 4:00pm 511 Kent Hall	Molly McGhee	3.00	15/15

WRIT UN3129 Writing Nature in the Age of Climate Change. 3.00 points.

This class aims to look seriously at how we write literature about the environment, landscape, plants, animals, and the weather in an age of worsening climate change. What genres, forms, and structures can we use to creatively respond to and depict the conditions of the anthropocene? How can we use time to capture the simultaneous tedium and terror of the emergency? Can we write about the individual as well as the collective? Is it possible to write about climate change not as something that is coming, but as a phenomenon that's already a part of our lives? In answering these questions, students will determine how best to address these issues in their own creative work. While this is a fiction class, we will take our lessons from writers working across many different formats. We will read novels and short stories, but also poetry, creative non-fiction, journalism, and theory. Through writing exercises, field journals, critical essays, and their own creative pieces, students will work through, and with, the despair and radical imaginative changes wrought on all our lives by the anthropocene

Fall 2022: WRIT UN3129

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3129	001/14966	T 4:10pm - 6:00pm 511 Kent Hall	Madeleine Watts	3.00	14/15

WRIT UN3130 The Punchline. 3.00 points.

Levity's worth taking seriously. This seminar examines satire in several forms, including polemics from the late Roman Empire, stand-up from the late British Empire, and novels from the healthy and indestructible American Empire. We'll explore satirical reactions to historic disasters, and how to apply those techniques during the next one. We'll see satire flourish on bathroom walls and street signs (my specialty, admittedly). We'll learn why every subculture has their own version of The Onion. Finally, we'll apply lessons from the above to develop our own writing with creative responses, in-class exercises, and a final project. Anyone can be a satirist. Dealing with reality is the hard part

Fall 2022: WRIT UN3130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3130	001/14969	T 2:10pm - 4:00pm 327 Seeley W. Mudd Building	Dennard Dayle	3.00	13/15

WRIT UN3131 NEW WORLDS IN WRIT # VR. 3.00 points.

Creating New Worlds in Writing and in VR is a generative, exploratory fiction seminar where we will read, analyze, and experiment with the process of building new worlds. We will ask, What are the narrative possibilities that unfold within these environments? What are the conventions of sci-fi and fantasy and how can they be used to critique and scrutinize our lives on earth, particularly, experiences of violence, environmental degradation, and racial, sexual, and gender-based oppression? We will use VR technology to help us model our own invented spaces. We will examine how to incorporate traditional literary elements, such as character and dialogue, into these dynamic environments

Spring 2023: WRIT UN3131

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3131	001/16596	Th 6:10pm - 8:00pm 507 Lewisohn Hall	Joss Lake	3.00	14/15

NONFICTION WORKSHOPS**WRIT UN1200 BEGINNING NONFICTION WORKSHOP. 3.00 points.**

Prerequisites: No prerequisites. Department approval NOT required. The beginning workshop in nonfiction is designed for students with little or no experience in writing literary nonfiction. Students are introduced to a range of technical and imaginative concerns through exercises and discussions, and they eventually submit their own writing for the critical analysis of the class. Outside readings supplement and inform the exercises and longer written projects

Fall 2022: WRIT UN1200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1200	001/11821	T 6:10pm - 8:00pm 511 Kent Hall	Nicholas Gambini	3.00	11/15
WRIT 1200	002/11822	Th 4:10pm - 6:00pm 652 Schermerhorn Hall	Hannah Kaplan	3.00	10/15

WRIT 1200	003/11823	W 12:10pm - 2:00pm 511 Kent Hall	Kellina Moore	3.00	15/15
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Spring 2023: WRIT UN1200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1200	001/16587	W 4:10pm - 6:00pm 511 Kent Hall	Christian Kennedy	3.00	13/15
WRIT 1200	002/16586	Th 10:10am - 12:00pm 511 Kent Hall	Sabrina Qiao	3.00	14/15

WRIT UN2200 INTERMEDIATE NONFICTION WRKSHP. 3.00 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. The intermediate workshop in nonfiction is designed for students with some experience in writing literary nonfiction. Intermediate workshops present a higher creative standard than beginning workshops and an expectation that students will produce finished work. Outside readings supplement and inform the exercises and longer written projects. By the end of the semester, students will have produced thirty to forty pages of original work in at least two traditions of literary nonfiction

Fall 2022: WRIT UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2200	001/11828	Th 10:10am - 12:00pm 308a Lewisohn Hall	John Vincler	3.00	9/15

Spring 2023: WRIT UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2200	001/16580	T 10:10am - 12:00pm 511 Kent Hall	John Vincler	3.00	11/15

WRIT UN3200 ADVANCED NONFICTION WORKSHOP. 3.00 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. Advanced Nonfiction Workshop is for students with significant narrative and/or critical experience. Students will produce original literary nonfiction for the workshop, with an added focus on developing a distinctive voice and approach

Fall 2022: WRIT UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3200	001/11836	W 6:10pm - 8:00pm 652 Schermerhorn Hall	James Yeh	3.00	11/15

WRIT UN3201 SENIOR NONFICTION WORKSHOP. 4.00 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule

and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. Senior Nonfiction Workshop

Spring 2023: WRIT UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3201	001/16597	Th 12:10pm - 2:00pm 104 Knox Hall	Darby Smith	4.00	12/15

NONFICTION SEMINARS

WRIT UN2211 TRADITIONS IN NONFICTION. 3.00 points.

Prerequisites: No prerequisites. Department approval NOT required. The seminar provides exposure to the varieties of nonfiction with readings in its principal genres: reportage, criticism and commentary, biography and history, and memoir and the personal essay. A highly plastic medium, nonfiction allows authors to portray real events and experiences through narrative, analysis, polemic or any combination thereof. Free to invent everything but the facts, great practitioners of nonfiction are faithful to reality while writing with a voice and a vision distinctively their own. To show how nonfiction is conceived and constructed, class discussions will emphasize the relationship of content to form and style, techniques for creating plot and character under the factual constraints imposed by nonfiction, the defining characteristics of each authors voice, the authors subjectivity and presence, the role of imagination and emotion, the uses of humor, and the importance of speculation and attitude. Written assignments will be opportunities to experiment in several nonfiction genres and styles

Fall 2022: WRIT UN2211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2211	001/13128	Th 2:10pm - 4:00pm 317 Hamilton Hall	Kayla Heisler	3.00	10/15

Spring 2023: WRIT UN2211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2211	001/16579	T 2:10pm - 4:00pm 511 Kent Hall	Rebecca Levey	3.00	14/15

WRIT UN3214 HYBRID NONFICTION FORMS. 3.00 points.

Prerequisites: No prerequisites. Department approval NOT required.

Prerequisites: No prerequisites. Department approval NOT required. Creative nonfiction is a frustratingly vague term. How do we give it real literary meaning; examine its compositional aims and techniques, its achievements and especially its aspirations? This course will focus on works that we might call visionary - works that combine art forms, genres and styles in striking ways. Works in which image and text combine to create a third interactive language for the reader. Works

still termed fiction history or journalism that join fact and fiction to interrogate their uses and implications. Certain memoirs that are deliberately anti-autobiographical, turning from personal narrative to the sounds, sight, impressions and ideas of the writers milieu. Certain essays that join personal reflection to arts and cultural criticism, drawing on research and imagination, the vernacular and the formal, even prose and poetry. The assemblage or collage that, created from notebook entries, lists, quotations, footnotes and indexes achieves its coherence through fragments and associations, found and original texts

Fall 2022: WRIT UN3214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3214	001/11844	T 2:10pm - 4:00pm 511 Kent Hall	Margo Jefferson	3.00	14/15

WRIT UN3224 Writing the Sixties. 3.00 points.

In this seminar, we will target nonfiction from the 1960s—the decade that saw an avalanche of new forms, new awareness, new freedoms, and new conflicts, as well as the beginnings of social movements and cultural preoccupations that continue to frame our lives, as writers and as citizens, in the 21st century: civil rights, feminism, environmentalism, LGBTQ rights, pop culture, and the rise of mass media. We will look back more than a half century to examine the development of modern criticism, memoir, reporting, and profile-writing, and the ways they entwine. Along the way, we will ask questions about these classic nonfiction forms: How do reporters, essayists, and critics make sense of the new? How do they create work as rich as the best novels and short stories? Can criticism rise to the level of art? What roles do voice, point-of-view, character, dialogue, and plot—the traditional elements of fiction—play? As we go, we will witness the unfolding of arguably the most transitional decade in American history—with such events as the Kennedy assassination, the Watts Riots, the Human Be In, and the Vietnam War, along with the rise of Pop art, rock ‘n’ roll, and a new era of moviemaking—as it was documented in real time by writers at The New Yorker, New Journalists at Esquire, and critics at Partisan Review and Harper’s, among other publications. Some writers we will consider: James Baldwin, Joan Didion, Susan Sontag, Rachel Carson, Dwight Macdonald, Gay Talese, Tom Wolfe, Truman Capote, Pauline Kael, Nik Cohn, Joseph Mitchell, Lillian Ross, Gore Vidal, Norman Mailer, Thomas Pynchon, John Updike, Michael Herr, Martha Gellhorn, John McPhee, and Betty Friedan. We will be joined by guest speakers

Fall 2022: WRIT UN3224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3224	001/14970	M 6:10pm - 8:00pm 401 Hamilton Hall	Mark Rozzo	3.00	15/15

WRIT UN3225 LIFE STORIES. 3.00 points.

In this seminar, we will target nonfiction that tells stories about lives: profiles, memoirs, and biographies. We will examine how the practice of this kind of nonfiction, and ideas about it, have evolved over the past 150 years. Along the way, we will

ask questions about these nonfiction forms: How do reporters, memoirists, biographers, and critics make sense of their subjects? How do they create work as rich as the best novels and short stories? Can criticism explicate the inner life of a human subject? What roles do voice, point-of-view, character, dialogue, and plot—the traditional elements of fiction—play? Along the way, we'll engage in issues of identity and race, memory and self, real persons and invented characters and we'll get glimpses of such key publications as *The Atlantic Monthly*, *The New Yorker*, *Esquire*, *Harper's*, and *The New York Review of Books*. Some writers we will consider: Frederick Douglass, Louisa May Alcott, Walt Whitman, Henry Adams, Joseph Mitchell, Lillian Ross, James Agee, John Hersey, Edmund Wilson, Gore Vidal, Gay Talese, James Baldwin, Vladimir Nabokov, Janet Malcolm, Robert Caro, Joyce Carol Oates, Toni Morrison, Joan Didion, and Henry Louis Gates Jr. The course regularly welcomes guest speakers

Spring 2023: WRIT UN3225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3225	001/16921	M 6:10pm - 8:00pm 511 Kent Hall	Mark Rozzo	3.00	14/15

WRIT UN3226 NONFICTION-ISH. 3.00 points.

This cross-genre craft seminar aims to uncover daring and unusual approaches to literature informed by nonfiction (and nonfiction-adjacent) practices. In this course we will closely read and analyze a diverse set of works, including Svetlana Alexievich's oral history of women and war, Lydia Davis's "found" microfictions, Theresa Hak Cha's genre-exploding "auto-ethnography," Alejandro Zambra's unabashedly literary narratives, Sigrid Nunez's memoir "of" Susan Sontag, Emmanuel Carrère's "nonfiction novel," John Keene's bold counternarratives, W. G. Sebald's saturnine essay-portraits, Saidiya Hartman's melding of history and literary imagination, Annie Ernaux's collective autobiography, Sheila Heti's alphabetized diary, Ben Mauk's oral history about Xinjiang detention camps, and Edward St. Aubyn's autobiographical novel about the British aristocracy and childhood trauma, among other texts. We will also examine Sharon Mashihi's one-woman autofiction podcasts about Iranian Jewish American family. What we learn in this course we will apply to our own work, which will consist of two creative writing responses and a creative final project. Students will also learn to keep a daily writing journal

Spring 2023: WRIT UN3226

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3226	001/16598	Th 2:10pm - 4:00pm 201 80 Claremont	James Yeh	3.00	18/15

WRIT UN3227 TRUE CRIME. 3.00 points.

The explosion of true crime programming in the past few years—from podcasts to documentaries to online communities sleuthing cold cases—would make you think that poring over real-life atrocities is a recent phenomenon. But in fact, our obsession with death, destruction, duplicity, and antisocial behavior is as old as humanity itself. In this class, we will trace

the origins of true crime in nonfiction literature in the United States from Puritanism to the present. We will see how the genre has developed and how its preoccupations reflect the zeitgeist. We will consider how race, gender, class, and other identities shape narratives around victims and victors, guilt and innocence. We will think broadly about what, exactly, crime is, not limiting ourselves to the obvious. We will also look at corruption, fraud, systemic discrimination. Once (and sometimes still) considered a trash genre, we will read elevated works that turn that notion on its head. We will host guest speakers from the multifaceted perspectives true crime writing touches: victims, law enforcement, journalists, and convicts themselves. Since recent true crime reporting is such an expansive field that we can only begin to scratch the surface of in this class, students will present and analyze true crime artifacts to the class. The centerpiece of the semester will be students reporting and writing on a real crime themselves. It is all too easy to critique the work of others at a comfortable distance when one has not entered the thorny fray oneself. Students will craft their own true crime writing project, interrogate their own motivations and interest, and present their findings to the class. The subject matter of this class is disturbing in nature, and we will be looking at all manner of crimes from violent to white collar to sexual to social. Consider this a blanket trigger warning for each and every class. We will cultivate a safe space to think and feel through the crimes we examine and share ways to take care of ourselves. I am here as a resource and to help students navigate university resources as appropriate

Spring 2023: WRIT UN3227

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3227	001/16599	Th 12:10pm - 2:00pm 511 Kent Hall	Elizabeth Greenwood	3.00	15/15

POETRY WORKSHOPS

WRIT UN1300 BEGINNING POETRY WORKSHOP. 3.00 points.

Prerequisites: No prerequisites. Department approval NOT required. The beginning poetry workshop is designed for students who have a serious interest in poetry writing but who lack a significant background in the rudiments of the craft and/or have had little or no previous poetry workshop experience. Students will be assigned weekly writing exercises emphasizing such aspects of verse composition as the poetic line, the image, rhyme and other sound devices, verse forms, repetition, tone, irony, and others. Students will also read an extensive variety of exemplary work in verse, submit brief critical analyses of poems, and critique each others original work

Fall 2022: WRIT UN1300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1300	001/11824	W 4:10pm - 6:00pm 502 Northwest Corner	Rhoni Blankenhorn	3.00	15/15
WRIT 1300	002/11825	M 4:10pm - 6:00pm	Emmett Lewis	3.00	13/15

502 Northwest
Corner**Spring 2023: WRIT UN1300**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1300 001/16585		W 10:10am - 12:00pm 511 Kent Hall	Kai-Lilly Karpman	3.00	14/15
WRIT 1300 002/16584		Th 4:10pm - 6:00pm 507 Lewisohn Hall	Rose DeMaris	3.00	13/15

WRIT UN2300 INTERMEDIATE POETRY WORKSHOP. 3.00 points.

Prerequisites: The departments permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. Intermediate poetry workshops are for students with some prior instruction in the rudiments of poetry writing and prior poetry workshop experience. Intermediate poetry workshops pose greater challenges to students and maintain higher critical standards than beginning workshops. Students will be instructed in more complex aspects of the craft, including the poetic persona, the prose poem, the collage, open-field composition, and others. They will also be assigned more challenging verse forms such as the villanelle and also non-European verse forms such as the pantoum. They will read extensively, submit brief critical analyses, and put their instruction into regular practice by composing original work that will be critiqued by their peers. By the end of the semester each student will have assembled a substantial portfolio of finished work

Fall 2022: WRIT UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2300 001/11830		Th 10:10am - 12:00pm 511 Kent Hall	Dorothea Lasky	3.00	14/15

Spring 2023: WRIT UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2300 001/16578		T 12:10pm - 2:00pm 511 Kent Hall	Emily Luan	3.00	16/15

WRIT UN3300 ADVANCED POETRY WORKSHOP. 3.00 points.

Prerequisites: The departments permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. This poetry workshop is reserved for accomplished poetry writers and maintains the highest level of creative and critical expectations. Students will be encouraged to develop their strengths and to cultivate a distinctive poetic vision and voice but must also demonstrate a willingness to broaden their range and experiment with new forms and notions of the poem. A portfolio of poetry will be written and revised with the critical input of the instructor and the workshop

Fall 2022: WRIT UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 3300 001/11838
T 10:10am - 12:00pm
511 Kent Hall
Lynn Xu 3.00 10/15

WRIT UN3301 SENIOR POETRY WORKSHOP. 4.00 points.

Prerequisites: The department's permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>.

Prerequisites: The departments permission required through writing sample. Please go to 609 Kent for submission schedule and registration guidelines or see <http://www.arts.columbia.edu/writing/undergraduate>. Seniors who are majors in creative writing are given priority for this course. Enrollment is limited, and is by permission of the professor. The senior workshop offers students the opportunity to work exclusively with classmates who are at the same high level of accomplishment in the major. Students in the senior workshops will produce and revise a new and substantial body of work. In-class critiques and conferences with the professor will be tailored to needs of each student

Spring 2023: WRIT UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3301 001/16600		M 4:10pm - 6:00pm 608 Lewisohn Hall	Alexander Dimitrov	4.00	16/15

POETRY SEMINARS**WRIT UN2311 TRADITIONS IN POETRY. 3.00 points.**

Prerequisites: No prerequisites. Department approval NOT required.

Prerequisites: No prerequisites. Department approval NOT required. "For those, in dark, who find their own way by the light of others' eyes." —Lucie Brock-Broido The avenues of poetic tradition open to today's poets are more numerous, more invigorating, and perhaps even more baffling than ever before. The routes we chose for our writing lead to destinations of our own making, and we take them at our own risk—necessarily so, as the pursuit of poetry asks each of us to light a pilgrim's candle and follow it into the moors and lowlands, through wastes and prairies, crossing waters as we go. Go after the marshlights, the will-o-wisps who call to you in a voice you've longed for your whole life. These routes have been forged by those who came before you, but for that reason, none of them can hope to keep you on it entirely. You must take your steps away, brick by brick, heading confidently into the hinterland of your own distinct achievement. For the purpose of this class, we will walk these roads together, examining the works of classic and contemporary exemplars of the craft. By companioning poets from a large spread of time, we will be able to more diversely immerse ourselves in what a poetic "tradition" truly means. We will read works by Edmund Spencer, Dante, and Goethe, the Romantics—especially Keats—Dickinson, who is mother to us all, Modernists, and the great sweep of contemporary poetry that is too vast to individuate. While it is the imperative of this class to equip you with the knowledge necessary to advance in the field of poetry, this task shall be

done in a Columbian manner. Consider this class an initiation, of sorts, into the vocabulary which distinguishes the writers who work under our flag, each of us bound by this language that must be passed on, and therefore changed, to you who inherit it. As I have learned the words, I have changed them, and I give them now to you so that you may pave your own way into your own ways, inspired with the first breath that brought you here, which may excite and—hopefully—frighten you. You must be troubled. This is essential

Fall 2022: WRIT UN2311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2311	001/11846	F 12:10pm - 2:00pm 511 Kent Hall	Ashley Porras	3.00	12/15

Spring 2023: WRIT UN2311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2311	001/16577	M 12:10pm - 2:00pm 511 Kent Hall	Ryan Cook	3.00	12/15

WRIT UN3315 POETIC METER AND FORM. 3.00 points.

Prerequisites: No prerequisites. Department approval NOT required.

Prerequisites: No prerequisites. Department approval NOT required. This course will investigate the uses of rhythmic order and disorder in English-language poetry, with a particular emphasis on formal elements in free verse. Through a close analysis of poems, we will examine the possibilities of qualitative meter, and students will write original creative work within (and in response to) various formal traditions. Analytical texts and poetic manifestos will accompany our reading of exemplary poems. Each week, we will study interesting examples of metrical writing, and I will ask you to write in response to those examples. Our topics will include stress meter, syllable-stress meter, double and triple meter, rising and falling rhythms, promotion, demotion, inversion, elision, and foot scansion. Our study will include a greater range of pre-modern and modern writers, from Keats to W.D. Snodgrass, Shakespeare to Denise Levertov, Blake to James Dickey, Whitman to Louise Gluck etc. As writers, we will always be thinking about how the formal choices of a poem are appropriate or inappropriate for the poem's content. We will also read prose by poets describing their metrical craft

Spring 2023: WRIT UN3315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3315	001/16601	T 12:10pm - 2:00pm 104 Knox Hall	Brionne Janae	3.00	6/15

WRIT UN3320 Provocations in Twentieth-Century Poetics. 3.00 points.

This is a class about poetry and revolt. In a century of wars, unchecked proliferation of industrial and market systems in the continued legacy of settler-colonialism and the consolidation of state powers, does language still conduct with revolutionary possibilities? In this class, we will read manifestos, philosophical treatises, political tracts, literary polemics, poems, scores, and so on, as we consider poetry's

long-standing commitment to visionary practices that seek to liberate consciousness from the many and various structures of oppression. The term "poetry" is not limited to itself but becomes, in our readings, an open invitation to all adjacent experiments with and in the language arts. As such, we will look at the emergence of the international avant-gardes as well as a few student movements that populate and complicate the explorations of radical politics in the twentieth-century. In addition to our readings, students will be asked to produce creative responses for class discussion. Final projects will be provocations of their own design. Required Texts: Friedrich Nietzsche: *On the Genealogy of Morality* Karl Marx and Friedrich Engels: *The Communist Manifesto* Aimé Césaire: *Notebook of A Return to the Native Land* Hilda Duras: *The Obscene* Madame D Marguerite Duras: *Hiroshima Mon Amour* Guy Debord: *Society of the Spectacle*

Spring 2023: WRIT UN3320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3320	001/16602	T 10:10am - 12:00pm 320 River Side Church	Lynn Xu	3.00	12/15

WRIT UN3316 WEST TO EAST. 3.00 points.

This course examines two central movements in post World War II American poetry, The San Francisco Renaissance and The New York School, and uncovers their aesthetic impacts on language and cultural production, as well as the relationship to the city as a defining agent in the poetic imagination

Fall 2022: WRIT UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3316	001/11847	W 10:10am - 12:00pm 307 Pupin Laboratories	Alexander Dimitrov	3.00	14/15

WRIT UN3319 POETICS OF PLACE:AMERICAN LANDSCAPES, VO. 3.00 points.

When the American Poet Larry Levis left his home in California's San Joaquin Valley, "all [he] needed to do," he wrote, "was to describe [home] exactly as it had been. That [he] could not do, for that [is] impossible. And that is where poetry might begin. This course will consider how place shapes a poet's self and work. Together we will consider a diverse range of poets and the places they write out of and into: from Philip Levine's Detroit to Whitman's Manhattan, from Robert Lowell's New England to James Wright's Ohio, from the Kentucky of Joe Bolton and Crystal Wilkinson to the California of Robin Blaser and Allen Ginsberg, from the Ozarks of Frank Stanford to the New Jersey of Amiri Baraka, from the Pacific Northwest of Robinson Jeffers to the Alaska of Mary Tallmountain. We will consider the debate between T. S. Eliot and William Carlos Williams about global versus local approaches to the poem, and together we will ask complex questions: Why is it, for example, that Jack Gilbert finds his Pittsburgh when he leaves it, while Gerald Stern finds his Pittsburgh when he keeps it close? Does something sing because you leave it or

because you hold it close? Do you come to a place to find where you belong in it? Do you leave a place to find where it belongs in you? As Carolyn Kizer writes in *Running Away from Home*, Its never over, old church of our claustrophobia! And of course home can give us the first freedom of wanting to leave, the first prison and freedom of want. In our reflections on each “place,” we will reflect on its varied histories, its native peoples, and its inheritance of violent conquest. Our syllabus will consist, in addition to poems, of manifestos and prose writings about place, from Richard Hugos *Triggering Town* to Sandra Beasleys *Prioritizing Place*. You will be encouraged to think about everything from dialect to economics, from collectivism to individualism in poems that root themselves in particular places, and you will be encouraged to consider how those poems “transcend” their origins. You will write response papers, analytical papers, and creative pieces, and you will complete a final project that reflects on your own relationship to place

Fall 2022: WRIT UN3319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3319	001/11848	T 4:10pm - 6:00pm 317 Hamilton Hall	Joseph Fasano	3.00	15/15

WRIT UN3321 Ecopoetics. 3.00 points.

“There are things / We live among ‘and to see them / Is to know ourselves.’” George Oppen, “Of Being Numerous” In this class we will read poetry like writers that inhabit an imperiled planet, understanding our poems as being in direct conversation both with the environment as well as writers past and present with similar concerns and techniques. Given the imminent ecological crises we are facing, the poems we read will center themes of place, ecology, interspecies dependence, the role of humans in the destruction of the planet, and the “necropastoral” (to borrow a term from Joyelle McSweeney), among others. We will read works by poets and writers such as (but not limited to) John Ashbery, Harryette Mullen, Asiya Wadud, Wendy Xu, Ross Gay, Simone Kearney, Kim Hyesoon, Marcella Durand, Arthur Rimbaud, Geoffrey G. O’Brien, Muriel Rukeyser, George Oppen, Terrance Hayes, Juliana Spahr, and W.S. Merwin—reading several full collections as well as individual poems and essays by scholars in the field. Through close readings, in-class exercises, discussions, and creative/critical writings, we will invest in and investigate facets of the dynamic lyric that is aware of its environs (sound, image, line), while also exploring traditional poetic forms like the Haibun, ode, prose poem, and elegy. Additionally, we will seek inspiration in outside mediums such as film, visual art, and music, as well as, of course, the natural world. As a class, we will explore the highly individual nature of writing processes and talk about building writing practices that are generative as well as sustainable

Fall 2022: WRIT UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3321	001/14971	T 12:10pm - 2:00pm 301m Fayerweather	Samantha Zighelboim	3.00	9/15

CROSS GENRE SEMINARS

WRIT UN3011 TRANSLATION SEMINAR. 3.00 points.

Prerequisites: No prerequisites. Students do not need to demonstrate bilingual ability to take this course. Department approval NOT needed.

Corequisites: This course is open to undergraduate & graduate students.

Prerequisites: No prerequisites. Students do not need to demonstrate bilingual ability to take this course. Department approval NOT needed. Corequisites: This course is open to undergraduate & graduate students. This course will explore broad-ranging questions pertaining to the historical, cultural, and political significance of translation while analyzing the various challenges confronted by the arts foremost practitioners. We will read and discuss texts by writers and theorists such as Benjamin, Derrida, Borges, Steiner, Dryden, Nabokov, Schleiermacher, Goethe, Spivak, Jakobson, and Venuti. As readers and practitioners of translation, we will train our ears to detect the visibility of invisibility of the translators craft; through short writing experiments, we will discover how to identify and capture the nuances that traverse literary styles, historical periods and cultures. The course will culminate in a final project that may either be a critical analysis or an original translation accompanied by a translators note of introduction

Spring 2023: WRIT UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3011	001/16576	T 6:10pm - 8:00pm 201b Philosophy Hall	Bonnie Chau	3.00	8/15

WRIT UN3010 SHORT PROSE FORMS. 3.00 points.

Note: This seminar has a workshop component.

Prerequisites: No Prerequisites. Department approval NOT required.

Prerequisites: No Prerequisites. Department approval NOT required. Flash fiction, micro-narratives and the short-short have become exciting areas of exploration for contemporary writers. This course will examine how these literary fragments have captured the imagination of writers internationally and at home. The larger question the class seeks to answer, both on a collective and individual level, is: How can we craft a working definition of those elements endemic to short prose as a genre? Does the form exceed classification? What aspects of both crafts -- prose and poetry -- does this genre inhabit, expand upon, reinvent, reject, subvert? Short Prose Forms incorporates aspects of both literary seminar and the creative workshop. Class-time will be devoted alternately to examinations of published pieces and modified discussions of student work. Our reading chart the course from the genres emergence, examining the prose poem in 19th-century France through the works of Mallarme, Baudelaire, Max Jacob and Rimbaud. Well examine aspects of poetry -- the attention to the lyrical, the use of compression, musicality, sonic resonances and wit -- and attempt to understand how these writers took, as Russell Edson describes, experience [and] made it into an artifact with the

logic of a dream. The class will conclude with a portfolio at the end of the term, in which students will submit a compendium of final drafts of three of four short prose pieces, samples of several exercises, selected responses to readings, and a short personal manifesto on the short prose form

Fall 2022: WRIT UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3010	001/11849	W 6:10pm - 8:00pm 511 Kent Hall	Alan Ziegler	3.00	15/15

WRIT UN3016 WALKING. 3.00 points.

Prerequisites: No prerequisites. Department approval NOT required. As Walter Benjamin notes in *The Arcades Project*: Basic to flânerie, among other things, is the idea that the fruits of idleness are more precious than the fruits of labor. The flâneur, as is well known, makes studies. This course will encourage you to make studies -- poems, essays, stories, or multimedia pieces -- based on your walks. We will read depictions of walking from multiple disciplines, including philosophy, poetry, history, religion, visual art, and urban planning. Occasionally we will walk together. An important point of the course is to develop mobile forms of writing. How can writing emerge from, and document, a walk's encounters, observations, and reflections? What advantages does mobility bring to our work? Each week you will write a short piece (1-3 pages) that engages your walks while responding to close readings of the assigned material

Fall 2022: WRIT UN3016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3016	001/12014	W 10:10am - 12:00pm 511 Kent Hall	John Cotner	3.00	17/15

WRIT UN3027 Science Fiction Poetics. 3.00 points.

"If you wish to make an apple pie from scratch, you must first invent the universe." —Carl Sagan "Tomorrow belongs to those who can hear it coming." —David Bowie "I grew up reading science fiction." —Jeff Bezos Science fiction is the literature of the human species encountering change. It is the literature of the Other, of philosophy and ideas, of innovation and experimentation. This seminar will examine how poets and writers from around the world have imagined alternate realities and futures, linguistic inventions, and new poetic expressions inspired by science. We will discuss what these imaginings might tell us about the cultural and political presents in which they were conceived, as well as what the extreme conditions offered by science fiction might teach us about writing into the unknown. Topics will include astroecology and apocalyptic ecopoetics, extraterrestrial aphrodites, monstrous bodyscapes, space exploration and colonization, future creoles and the evolution of language, bio-poetics and crystalline formations, immortal texts, and global futurisms—from the European Futurists of the early 20th century to Afrofuturism, as well as recent figurations such as Gulf Futurism and Arabfuturism. Course reading will include work by Aase Berg, Etel Adnan, Chen Qiufan, Johannes Heldén, Filippo Tommaso Marinetti,

Velimir Khlebnikov, Hao Jingfang, Eve L. Ewing, Sun Ra, Ursula K. Le Guin, Italo Calvino, Anaïs Duplan, Ursula Andkjær Olsen, Dempow Torishima, Rokeya Sakhawat Hossain, Octavia E. Butler, Tracy K. Smith, Cathy Park Hong, and others

Fall 2022: WRIT UN3027

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3027	001/14972	M 2:10pm - 4:00pm 401 Hamilton Hall	Katrine Jensen	3.00	10/15

WRIT UN3028 LOST # FOUND IN THE ANTHROPOCENE. 3.00 points.

We are living through a time of unprecedented change. This change is characterized by "solastalgia," a word that describes a response to environmental loss in our daily lives which encompasses both pain and solace. In this course we will think seriously about the imperative to notice, pay attention, and remember that which is changing or disappearing. How might we work through and with loss, and how might we harness attention and awareness to envision different futures and new creative approaches? Students will consider the ways writers and other artists are working with losing and finding in a posthuman world across different forms, genres, and cultures. Will take an imaginative and interdisciplinary attitude to these questions, studying literary work alongside visual art, anthropology, psychology, literary theory, and science. We will consider extinction, elegy, landscape, geological temporalities, fragments, trash, and ghosts. In his call to arms, *The Great Derangement*, author Amitav Ghosh writes that climate change resists so many of the literary and artistic forms we currently possess. As such, he calls for an embrace of hybrid genres. Through reflections, critical essays, and their own creative work, students will think seriously about hybridity and the imaginative challenge of being alive in the world today

Spring 2023: WRIT UN3028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3028	001/16574	T 4:10pm - 6:00pm 511 Kent Hall	Madeleine Watts	3.00	8/15

WRIT UN3031 INTRO TO AUDIO STORYTELLING. 3.00 points.

It's one thing to tell a story with the pen. It's another to transfix your audience with your voice. In this class, we will explore principles of audio narrative. Oral storytellers arguably understand suspense, humor and showmanship in ways only a live performer can. Even if you are a diehard writer of visually-consumed text, you may find, once the class is over, that you have learned techniques that can translate across borders: your written work may benefit. Alternatively, you may discover that audio is the medium for you. We will consider sound from the ground up – from folkloric oral traditions, to raw, naturally captured sound stories, to seemingly straightforward radio news segments, to highly polished narrative podcasts. While this class involves a fair amount of reading, much of what we will be studying and discussing is audio material. Some is as lo-fi as can be, and some is operatic in scope, benefitting

from large production budgets and teams of artists. At the same time that we study these works, each student will also complete small audio production exercises of their own; as a final project, students will be expected to produce a trailer, or “sizzle” for a hypothetical multi-episode show. This class is meant for beginners to the audio tradition. There are some tech requirements: a recording device (most phones will suffice), workable set of headphones, and computer. You’ll also need to download the free audio editing software Audacity

Spring 2023: WRIT UN3031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3031	001/16573	W 2:10pm - 4:00pm 511 Kent Hall	Mallika Rao	3.00	18/15

WRIT UN3032 IT'S COMPLICATED: WRITING AS A RELATIONSHIP. 3.00 points.

In this cross-genre class, we’ll explore writing process as relationship, one that reflects how we relate to both ourselves and the world. How do we bring the public back to the private space of the writing desk? How do our social, cultural, and political realities and histories influence our writing process? How is our relationship with our audience informed by our relationship with language? How can we be at play in structures of grammar and narrative without assimilating to what seems otherwise unrelatable? Seeing the sentence as a set of relationships, one tied to our human relations, we will write and revise with the hope of fostering an enduring relationship with the page. Coursework will include in-class writing exercises and 3 short (3-6 page) pieces

Spring 2023: WRIT UN3032

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3032	001/16572	W 10:10am - 12:00pm 103 Knox Hall	Nina Sharma	3.00	12/15

DANCE

310 Barnard Hall
212-854-2995

dance@barnard.edu

Department Assistant: Diane Roe

THE DEPARTMENT OF DANCE

Mission

The Barnard College Department of Dance, located in a world dance capital, offers an interdisciplinary program that integrates the study of dance within a liberal arts setting of intellectual and creative exploration. The major builds upon studio courses, the Department's productions at Miller Theater, New York Live Arts, and other venues, as well as a rich array of dance studies courses, allowing students' creative work to develop in dialogue with critical inquiry into the history, culture, theory and forms of western and non-western performance, typically enhanced by study in other disciplines. Students work with accomplished

artists whose work enriches contemporary American dance; they also study with outstanding research scholars.

Making, thinking about, and writing about art are an essential part of the liberal arts education. For this reason, the Department of Dance offers technique courses for students of all levels of expertise, while opening its other courses to majors and non-majors alike, who may also audition for its productions. The Department partners with cultural institutions in New York City to connect students with the professional world.

Student Learning Outcomes for the Major and Concentration

Students graduating with a major in Dance should be able to attain the following outcomes:

- Apply critical thinking, reading, and writing skills to dance-related texts and choreography.
- Develop the knowledge and research skills to explore the dance past in writing, orally, and in performance.
- Present interpretations of dance-related texts orally, in writing, and in performance.
- Apply library, archival, and internet research skills to dance scholarship and choreography.
- Demonstrate improved efficiency and expressivity in dance technique.
- Demonstrate growing technical understanding and fluency in dance technique.
- Create original dances, dance/theater works or dance-based, mixed media works.
- Collaborate with an artist in the creation of original dance works.
- Participate in the creative process through the creation and interpretation of choreography.
- Apply interdisciplinary research methods to dance scholarship and choreography.
- Apply historical research methods to dance scholarship and choreography.
- Demonstrate conceptual and methodological approaches for studying world dance forms through research and writing.
- Demonstrate the ability to understand cultural and historical texts in relation to dance forms.
- Apply anatomical knowledge to movement and movement concepts.
- Evaluate the theoretical and artistic work of peers.
- Communicate with an audience in oral presentations and dance performance.
- Understand and interpret the language and form of an artist's choreography.
- Solve technical problems in dance movement.

- Apply musical knowledge to movement and choreography.
- Design choreographic movement and structures.

Dance Technique Courses

Level I courses, except for global and somatic courses, have no prerequisite and students receive a Pass/Fail grade. All other courses must be taken for a letter grade and require a placement audition (held at the first meeting of classes) or the permission of the instructor. These courses may be taken to fulfill the physical education requirement.

Ballet

Technique of classical ballet emphasizing proper alignment and graduated study of its vocabulary. Artistry of articulation, phrasing, dynamics, and nuance in the broad range of classical materials are addressed at each level.

Modern

The study of contemporary dance based on the work of the 20th and 21st century innovators. Aesthetic principles of modern dance will be taught with increased technical demands required at each successive level.

Global and Somatic Forms

The study of dance forms including classical Spanish, Jazz, Tap, West African, Afro-Cuban, and Indian.

Professor: Paul A. Scolieri (Chair & Director of Undergraduate Studies)

Professor of Professional Practice: Colleen Thomas-Young

Associate Professor of Professional Practice: Marjorie Folkman

Associate Professor of Professional Practice: Gabri Christa

Assistant Professor: Seth Williams

Senior Associate: Katie Glasner

Adjunct Faculty: Cynthia Anderson, Jennifer Archibald, Rebecca Bliss, Candace Brown, Siobhan Burke, Maguette Camara, Antonio Carmena, Uttara Coorlawala, Dormeshia, Allison Easter, Wesley Ensminger, Caroline Fermin, Tamisha Guy, Chisa Hidaka, Jodi Melnick, Vincent McCloskey, Juan Rodriguez, Yoshito Sakuraba, Carol Teitelbaum, Nelida Tirado, Caitlin Trainor, Ashley Tuttle

Technical Director and Lighting Designer: Tricia Toliver

Music Director: Robert Boston

Senior Administrative Assistant: Diane Roe

MAJOR IN DANCE

Majors must complete eleven academic courses (six required, five elective) and a minimum of eight 1-point technique courses (minimum 42 credits). All majors write a senior thesis as part of their coursework.

The required courses for the major in dance are distributed as follows:

Dance History

The following two courses in Dance History must be completed before the fall of the senior year:

DNCE BC2565	WORLD DANCE HISTORY	3
DNCE BC3001	HISTORY OF THEATRICAL DANCING	3

Movement Science

Select one or more of the following:

DNCE BC2501	BIOMECHANICS FOR THE DANCER	3
DNCE BC2562	MOVEMENT ANALYSIS	3

Composition

One course in Composition must be completed before the fall of the senior year.

DNCE BC2564	DANCE COMPOSITION: CONTENT	3
DNCE BC3565	Composition: Collaboration and the Creative Process	3
DNCE BC3566	Composition: Site Specific and Experimental Methods	3
DNCE BC2563	DANCE COMPOSITION: FORM	3

Senior Work

Seniors planning to write a combined thesis must request approval from both departments and notify the Registrar. All majors must complete two semesters of senior work. The following course, which culminates in a 25-30-page written thesis and an oral presentation to the Department at the end of the semester, is required of all seniors:

DNCE BC3591	SENIOR SEMINAR	4
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In addition, all majors must take one of the following two courses, depending on whether the senior requirement is completed with a creative project or a two-semester written thesis:

DNCE BC3592	Senior Project: Research for Dance	4
DNCE BC3593	SR PROJECT:REPERTORY FOR DANCE	3

Students who are double majors may request permission to write a two-semester combined thesis.

Electives

Five additional 3- or 4-point courses, chosen in consultation with the major advisor, are required. Electives may be chosen from among the departmental offerings listed above or below, including additional coursework in Composition, Movement Science, and/or Senior Work beyond the major requirement.

History/Criticism:		
DNCE BC2570	DANCE IN NEW YORK CITY	
DNCE BC2575	Choreography for the American Musical	
DNCE BC2580	Tap as an American Art Form	
DNCE BC3000	From Page to Stage: Interactions of Literature and Choreography	
DNCE BC3200	DANCE IN FILM	

DNCE BC3567	DANCES OF INDIA
DNCE BC3570	Latin American and Caribbean Dance: Identities in Motion
DNCE BC3575	George Balanchine and the Reinvention of Modern Ballet
DNCE BC3576	DANCE CRITICISM
DNCE BC3577	Performing the Political: Embodying Change in American Performance
DNCE BC3578	Traditions of African-American Dance
DNCE BC3580	History of Social Dancing: Dance Crazes from the Waltz to Flash Mobs
DNCE BC3583	Gender and Historical Memory in American Dance of the 1930's to the Early 1960's
DNCE BC3980	Performing the Political: Embodying Change in American Performance
DNCE BC3981	Inventing American Modern Dance: Ruth St. Denis and Ted Shawn
DNCE BC3982	Diaghilev's Ballets Russes and Its World
Studio/Performance:	
DNCE BC2555	Ensemble Dance Repertory (Modern Dance)
DNCE BC2556	Ensemble Dance Repertory: Ballet
DNCE BC2557	Evolution of Spanish Dance Style
DNCE BC2558	Tap Ensemble
DNCE BC2567	MUSIC FOR DANCE
DNCE BC3571	Solo Repertory: Performance Styles
DNCE BC3601 - DNCE BC3604	REHEARSAL # PERFRMNCE IN DANCE and REHEARSAL#PERFRMNCE IN DANCE

Overview of Major Requirements (11 total, plus 8 technique courses)

- 1 Movement Science
- 1 Composition
- 2 History
- 1 Senior Seminar
- 1 Senior Project (Research in Dance or Repertory for Dance)
- 5 Electives
- 8 Technique Courses

Senior Work

All dance majors must complete two semesters of senior work. DNCE BC3591 SENIOR SEMINAR given in the fall semesters, requires a 25-30 page written thesis and an oral presentation to the Department at the end of the

semester. The second semester is usually a performance project for which the student registers in DNCE BC3593 SR PROJECT:REPERTORY FOR DANCE. Students may also choose to do a two-semester thesis, registering in DNCE BC3592 Senior Project: Research for Dance. Students who are double majors may request permission to do a two-semester combined thesis.

Overview of Major Requirements (11 total, plus 8 technique classes)

- 1 Movement Science
- 1 Composition
- 1 History
- 1 Writing
- 1 Senior Seminar
- 1 Senior Project (Research in Dance or Repertory for Dance)
- 5 Electives
- 8 Technique Classes

CONCENTRATION IN DANCE

The concentration in dance is identical to the major except that only two electives are required.

For the major requirements, please see above.

Overview of Concentration Requirements (8 total, plus 8 technique classes)

- 1 Movement Science
- 1 Composition
- 2 History
- 1 Senior Seminar
- 1 Senior Project (Research in Dance or Repertory for Dance)
- 2 Electives
- 8 Technique Classes

SCHOOL OF ENGINEERING AND APPLIED SCIENCES MINOR IN DANCE

The SEAS Dance Minor consists of five 3-point courses. Please note that no performance/choreography courses below count toward the non-tech requirement for SEAS students:

1.-2. Two of the following history/criticism courses:

DNCE BC2565	WORLD DANCE HISTORY
DNCE BC2570	DANCE IN NEW YORK CITY
DNCE BC3001	HISTORY OF THEATRICAL DANCING
DNCE BC3570	Latin American and Caribbean Dance: Identities in Motion

DNCE BC3574	Inventing the Contemporary: Dance Since the 1960s
DNCE BC3576	DANCE CRITICISM
DNCE BC3577	Performing the Political: Embodying Change in American Performance
DNCE BC3580	History of Social Dancing: Dance Crazes from the Waltz to Flash Mobs
3.-4. Two of the following performance/choreography courses:	
DNCE BC2555	Ensemble Dance Repertory (Modern Dance)
DNCE BC2556	Ensemble Dance Repertory: Ballet
DNCE BC3571	Solo Repertory: Performance Styles

DANCE COURSES

DNCE BC1135 BALLET I. 0.00-1.00 points.

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Fall 2022: DNCE BC1135

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1135	001/00477	M W 9:00am - 10:00am 11 Barnard Hall	Kate Glasner	0.00-1.005/27	
DNCE 1135	002/00479	T Th 9:00am - 10:00am 110 Barnard Hall	Vincent McCloskey	0.00-1.004/15	

DNCE BC1136 BALLET I. 0.00-1.00 points.

Spring 2023: DNCE BC1136

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1136	001/00096	M W 9:00am - 10:00am 110 Barnard Hall	Kate Glasner	0.00-1.001/24	
DNCE 1136	002/00097	F 9:00am - 10:50am 110 Barnard Hall	Vincent McCloskey	0.00-1.008/30	

DNCE BC1137 BALLET II. 0.00-1.00 points.

Fall 2022: DNCE BC1137

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1137	001/00480	M W 10:10am - 11:25am 11 Barnard Hall	Kate Glasner	0.00-1.005/24	
DNCE 1137	002/00481	T Th 2:40pm - 3:55pm 11 Barnard Hall	Marjorie Folkman	0.00-1.009/24	

DNCE BC1138 BALLET II. 0.00-1.00 points.

Spring 2023: DNCE BC1138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1138	001/00098	M W 2:40pm - 3:55pm 306 Barnard Hall	Nicole Robertson	0.00-1.008/20	

DNCE BC1250 HIP HOP DANCE # CULTURE I. 0.00-1.00 points.

This course introduces students to urban dance styles, focusing on the foundations and origins of hip-hop dance, street dance culture, and the physical vocabularies of hip-hop and freestyle dance. Classes are geared to condition the body for the rigors of hip-hop technique by developing strength, coordination, flexibility, stamina, and rhythmic awareness while developing an appreciation of choreographic movement and structures. Compositional elements of hip-hop will be introduced and students may compose brief movement sequences

Fall 2022: DNCE BC1250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1250	001/00483	M W 11:40am - 12:55pm 11 Barnard Hall	Jennifer Archibald	0.00-1.009/24	

Spring 2023: DNCE BC1250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1250	001/00099	M W 11:40am - 12:55pm 305 Barnard Hall	Jennifer Archibald	0.00-1.004/35	

DNCE BC1330 MODERN I. 0.00-1.00 points.

Open to all beginning dancers

Fall 2022: DNCE BC1330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1330	001/00488	M W 9:00am - 10:00am 305 Barnard Hall	Caroline Fermin	0.00-1.005/35	
DNCE 1330	002/00556	M W 11:40am - 12:55pm 305 Barnard Hall	Caitlin Trainor	0.00-1.001/35	

DNCE BC1331 MODERN I. 0.00-1.00 points.

Open to all beginning dancers

Spring 2023: DNCE BC1331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1331	001/00100	M W 9:00am - 10:00am 305 Barnard Hall	Caroline Fermin	0.00-1.006/40	
DNCE 1331	002/00101	T Th 1:10pm - 2:25pm 305 Barnard Hall	Elisa Davis	0.00-1.003/40	

DNCE BC1332 MODERN II. 0.00-1.00 points.

Fall 2022: DNCE BC1332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1332	001/00557	M W 1:10pm - 2:25pm 305 Barnard Hall	Caitlin Trainor	0.00-1.000/35	
DNCE 1332	002/00558	T Th 1:10pm - 2:25pm 11 Barnard Hall	Gabri Christa	0.00-1.008/24	

DNCE BC1333 MODERN II. 0.00-1.00 points.

Spring 2023: DNCE BC1333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 1333	001/00102	M W 11:40am - 12:55pm 110 Barnard Hall	Caitlin Trainor	0.00-1.008/20
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DNCE BC1445 TAP I. 0.00-1.00 points.**Fall 2022: DNCE BC1445**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1445	001/00559	M W 1:10pm - 2:25pm 110 Barnard Hall	Dormeshia Sunbry- Edwards	0.00-1.003/15	

DNCE BC2137 BALLET III. 0.00-1.00 points.**Fall 2022: DNCE BC2137**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2137	001/00560	M W 2:40pm - 3:55pm 11 Barnard Hall	Nicole Robertson	0.00-1.007/24	
DNCE 2137	002/00561	T Th 10:10am - 11:25am 305 Barnard Hall	Antonio Carmena	0.00-1.002/35	

DNCE BC2138 BALLET III. 0.00-1.00 points.**Spring 2023: DNCE BC2138**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2138	001/00104	M W 10:10am - 11:25am 110 Barnard Hall	Kate Glasner	0.00-1.005/24	
DNCE 2138	002/00105	T Th 2:40pm - 3:55pm 306 Barnard Hall	Vincent McCloskey	0.00-1.003/24	

DNCE BC2139 BALLET IV. 0.00-1.00 points.**Fall 2022: DNCE BC2139**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2139	001/00563	T Th 11:40am - 12:55pm 11 Barnard Hall	Vincent McCloskey	0.00-1.001/24	
DNCE 2139	002/00564	F 11:15am - 1:15pm 305 Barnard Hall	Juan Rodriguez	0.00-1.006/35	

DNCE BC2140 BALLET IV. 0.00-1.00 points.**Spring 2023: DNCE BC2140**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2140	001/00106	T Th 10:10am - 11:25am 305 Barnard Hall	Antonio Carmena	0.00-1.000/35	
DNCE 2140	002/00107	F 11:00am - 12:50pm 305 Barnard Hall	Juan Rodriguez	0.00-1.006/35	

DNCE BC2250 HIP HOP DANCE # CULTURE II. 0.00-1.00 points.

Prerequisites: Intermediate level of dance or permission of the instructor. This Course introduces intermediate level students to urban dance styles, focusing on foundations and origins of hip-hop dance, street dance culture, and the physical vocabularies of hip-hop and freestyle dance. Classes are geared to condition the body for the rigors of hip-hop technique by developing strength, coordination, flexibility, stamina, and rhythmic

awareness, while developing an appreciation of choreographic movement and structures. Compositional elements of hip-hop will be introduced and students may compose brief movement sequences. The course meets twice weekly and is held in the dance studio. Prerequisite: Intermediate level of a dance form or permission of the instructor

DNCE BC2252 AFRICAN DANCE I. 0.00-1.00 points.

Prerequisites: Permission of instructor. Concentrates on the dances of West Africa, including Senegal, Mali, and Guinea, and a variety of dances performed at various functions and ceremonies. Explanation of the origin and meaning of each dance will be an integral part of the material presented

Fall 2022: DNCE BC2252

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2252	001/00565	T Th 9:00am - 9:50am Ar3 Dodge Fitness Center	Maguette Camara	0.00-1.005/30	
DNCE 2252	002/00566	T Th 10:00am - 10:50am Ar3 Dodge Fitness Center	Maguette Camara	0.00-1.004/30	

Spring 2023: DNCE BC2252

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2252	001/00108	T Th 9:00am - 9:50am Ar3 Dodge Fitness Center	Maguette Camara	0.00-1.009/30	

DNCE BC2253 AFRICAN DANCE II. 0.00-1.00 points.

Prerequisites: DNCE BC2252 or permission of instructor

Spring 2023: DNCE BC2253

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2253	001/00112	T Th 10:00am - 10:50am Ar3 Dodge Fitness Center	Maguette Camara	0.00-1.004/30	

DNCE BC2254 CLASSICAL INDIAN I. 0.00-1.00 points.

Principles and practices of Bharata Natyam including the adavu movement system, hasta or hand gestures, narrative techniques, or abhanaya, as well as other classical Indian dance forms

Fall 2022: DNCE BC2254

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2254	001/00567	M W 1:10pm - 2:25pm 11 Barnard Hall	Uttara Coorlawala	0.00-1.007/24	

DNCE BC2255 AFRO-CUBAN DANCE. 0.00-1.00 points.

Prerequisites: Permission of Instructor. This class will introduce students to the African-based folkloric and popular dances of Cuba, including Orisha, Rumba, and Salsa. In addition to learning rhythms and dances, these forms will be contextualized within the historical and contemporary significance of Afro-Cuban dance performance

Fall 2022: DNCE BC2255

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 001/00568 F 3:00pm - 5:00pm Rebecca 0.00-1.002/24
2255 11 Barnard Hall Bliss

Spring 2023: DNCE BC2255

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2255	001/00113	F 3:00pm - 5:00pm 305 Barnard Hall	Rebecca Bliss	0.00-1.002/35	

DNCE BC2260 HIP HOP DANCE # CULTURE III (ADVANCED). 0.00-1.00 points.

Advanced technique and repertory in hip hop. Classes are geared to condition the body for the rigors of hip-hop technique by developing strength, coordination, flexibility, stamina, and rhythmic awareness, while developing an appreciation of choreographic movement and structures. Compositional elements of hip-hop will be introduced and students may compose brief movement sequences. The course meets twice weekly and is held in the dance studio

Fall 2022: DNCE BC2260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2260	001/00569	T Th 4:10pm - 5:25pm 110 Barnard Hall	Candace Brown	0.00-1.005/15	

Spring 2023: DNCE BC2260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2260	001/00114	T Th 4:10pm - 5:25pm 110 Barnard Hall	Candace Brown	0.00-1.004/24	

DNCE BC2332 MODERN III. 0.00-1.00 points.

Fall 2022: DNCE BC2332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2332	001/00570	M W 2:40pm - 3:55pm 305 Barnard Hall	Wesley Ensminger	0.00-1.007/30	
DNCE 2332	002/00572	T Th 10:10am - 11:25am 11 Barnard Hall	Tamisha Guy	0.00-1.009/24	

DNCE BC2333 MODERN III. 0.00-1.00 points.

Spring 2023: DNCE BC2333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2333	001/00115	M W 1:10pm - 2:25pm 110 Barnard Hall	Caitlin Trainor	0.00-1.001/20	
DNCE 2333	002/00182	T Th 10:10am - 11:25am 306 Barnard Hall	Tamisha Guy	0.00-1.006/20	

DNCE BC2334 MODERN IV. 0.00-1.00 points.

Fall 2022: DNCE BC2334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2334	001/00573	M W 10:10am - 11:25am 305 Barnard Hall	Caroline Fermin	0.00-1.000/35	
DNCE 2334	002/00574	F 1:30pm - 3:30pm 305 Barnard Hall	Jodi Melnick	0.00-1.000/35	

DNCE BC2335 MODERN IV. 0.00-1.00 points.

Spring 2023: DNCE BC2335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2335	001/00116	M W 4:10pm - 5:25pm 306 Barnard Hall	Wesley Ensminger	0.00-1.005/22	
DNCE 2335	002/00117	T Th 2:40pm - 3:55pm 305 Barnard Hall	Lisa Boudreau	0.00-1.000/35	

DNCE BC2448 TAP II. 0.00-1.00 points.

Fall 2022: DNCE BC2448

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2448	001/00576	M W 2:40pm - 3:55pm 110 Barnard Hall	Dormeshia Sunbry-Edwards	0.00-1.003/15	

DNCE BC2452 PILATES FOR DANCERS. 0.00-1.00 points.

Prerequisites: Permission of instructor or DNCE BC1330, BC1331, BC1135, BC1136. Focus on movement practices, primarily for dancers, which introduces the concepts of Joseph Pilates, a seminal figure in creating a method of body conditioning. Learn and practice a repertory of mat work to improve body awareness, strength, flexibility, and dynamic alignment

Fall 2022: DNCE BC2452

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2452	001/00577	T Th 1:10pm - 2:25pm 305 Barnard Hall	Allison Easter	0.00-1.007/30	

Spring 2023: DNCE BC2452

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2452	001/00119	T Th 1:10pm - 2:25pm 306 Barnard Hall	Allison Easter	0.00-1.009/20	

DNCE BC2455 FELDENKRAIS FOR DANCERS. 0.00-1.00 points.

Through guided practice-based lessons in Awareness Through Movement® (ATM), students develop sensory awareness of habitual neuromuscular patterns resulting in increased movement efficiency, improved skill acquisition, and greater strength, coordination, and flexibility. Applicable to all dance styles and activities

Fall 2022: DNCE BC2455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2455	001/00711	F 9:00am - 11:00am 11 Barnard Hall	Carol Teitelbaum	0.00-1.001/16	

Spring 2023: DNCE BC2455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2455	001/00120	T Th 4:10pm - 5:25pm 306 Barnard Hall	Carol Teitelbaum	0.00-1.002/15	

DNCE BC2563 DANCE COMPOSITION: FORM. 3.00 points.

An exploration of choreography that employs text, song, vocal work, narrative and principles of artistic direction in solo and group contexts

Spring 2023: DNCE BC2563

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2563	001/00121	M W 1:10pm - 2:25pm 305 Barnard Hall	Marjorie Folkman	3.00	20/23

DNCE BC2564 DANCE COMPOSITION: CONTENT. 3.00 points.

Continued study of choreography as a communicative performing art form. Focuses on the exploration of ideas and meaning. Emphasis is placed on the development of personal style as an expressive medium and unity of style in each work. Group as well as solo compositions will be assigned

Fall 2022: DNCE BC2564

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2564	001/00578	T Th 2:40pm - 3:55pm 305 Barnard Hall	Colleen Thomas	3.00	21/23

DNCE BC2565 WORLD DANCE HISTORY. 3.00 points.

Investigates the multicultural perspectives of dance in major areas of culture, including African, Asian, Hispanic, Indian, Middle Eastern, as well as dance history of the Americas through reading, writing, viewing, and discussion of a wide range of resources. These include film, original documents, demonstration, and performance

Spring 2023: DNCE BC2565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2565	001/00122	T Th 10:10am - 11:25am 409 Barnard Hall	Paul Scolieri	3.00	36/37

ANAT BC2573 HUMAN ANATOMY AND MOVEMENT. 3.00 points.

Corequisites: ANAT BC2574

Corequisites: ANAT BC2574 Dancers and other movers will acquire concrete, scientific information about anatomy and integrate this knowledge into their sensed experience of movement. Through readings, lecture/discussions and movement practice, students will explore: (1) structure and function of bones and joints, (2) muscles, neuromuscular function and coordination, (3) motor cognition and learning

Fall 2022: ANAT BC2573

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANAT 2573	001/00476	M W 1:10pm - 2:25pm LI020 Milstein Center	Cecilia Fontanesi	3.00	21/24

DNCE BC3001 HISTORY OF THEATRICAL DANCING. 3.00 points.

Focuses on the history of theatre dance forms originating in Europe and America from the Renaissance to the present. Includes reading, writing, viewing, and discussion of sources such as film, text, original documentation, demonstration, and performance

Fall 2022: DNCE BC3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3001	001/00579	M W 11:40am - 12:55pm 409 Barnard Hall	Marjorie Folkman	3.00	24/30

DNCE BC3138 BALLET V. 0.00-1.00 points.

Fall 2022: DNCE BC3138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3138	001/00580	M W 4:10pm - 5:25pm 11 Barnard Hall	Nicole Robertson	0.00-1.00	24/26
DNCE 3138	002/00581	T Th 4:10pm - 5:25pm 11 Barnard Hall	Marjorie Folkman	0.00-1.00	22/24

DNCE BC3139 BALLET V. 0.00-1.00 points.

Spring 2023: DNCE BC3139

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3139	001/00125	M W 4:10pm - 5:25pm 305 Barnard Hall	Nicole Robertson	0.00-1.00	31/35
DNCE 3139	002/00126	T Th 4:10pm - 5:25pm 305 Barnard Hall	Vincent McCloskey	0.00-1.00	33/40

DNCE BC3140 BALLET VI. 0.00-1.00 points.

Fall 2022: DNCE BC3140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3140	001/00582	T Th 8:40am - 9:55am 305 Barnard Hall	Antonio Carmena	0.00-1.00	30/35
DNCE 3140	002/00583	F 9:00am - 11:00am 305 Barnard Hall	Ashley Tuttle	0.00-1.00	32/35

DNCE BC3141 BALLET VI. 0.00-1.00 points.

Spring 2023: DNCE BC3141

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3141	001/00127	T Th 8:40am - 9:55am 305 Barnard Hall	Antonio Carmena	0.00-1.00	37/35
DNCE 3141	002/00128	F 9:00am - 10:50am 305 Barnard Hall	Ashley Tuttle	0.00-1.00	39/40

DNCE BC3143 CLASSIC VARIATIONS. 0.00-1.00 points.

Fall 2022: DNCE BC3143

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3143	001/00584	M W 5:40pm - 6:55pm 110 Barnard Hall	Ashley Tuttle	0.00-1.00	14

DNCE BC3200 DANCE IN FILM. 3.00 points.

Survey of theatrical dance in the 20th century specific to film production. Five kinds of dance films will be examined: musicals, non-musicals, documentaries, film essays and pure dance recording

DNCE BC3248 JAZZ DANCE III. 1.00 point.**DNCE BC3249 Jazz, III: Advanced Jazz Dance. 1 point.**

Prerequisites: DNCE BC2248 or permission of instructor.

DNCE BC3250 FLAMENCO. 0.00-1.00 points.

Prerequisites: DNCE BC1137, BC1138, BC1332, BC1333, or Permission of instructor. Intermediate level in modern or ballet technique is required.

The study of contemporary flamenco dance technique with special emphasis on improvisation and performance. Through video and reading assignments and attendance at live performances, students will also develop a context for understanding flamenco art, pedagogy, and culture

Fall 2022: DNCE BC3250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3250	001/00644	F 11:15am - 1:15pm 11 Barnard Hall	Nelida Tirado	0.00-1.00	3/24

Spring 2023: DNCE BC3250

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3250	001/00131	F 11:15am - 1:15pm 110 Barnard Hall	Nelida Tirado	0.00-1.00	6/24

DNCE BC3332 MODERN V. 0.00-1.00 points.

Note: This is a variable-point course (0-1 pts).

Intermediate Advanced

Fall 2022: DNCE BC3332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3332	001/00585	T Th 4:10pm - 5:25pm 305 Barnard Hall	Colleen Thomas	0.00-1.00	3/35

DNCE BC3333 MODERN V. 0.00-1.00 points.

Note: This is a variable-point course (0-1 pts).

Intermediate Advanced

Spring 2023: DNCE BC3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3333	001/00132	M W 10:10am - 11:25am 305 Barnard Hall	Caroline Fermin	0.00-1.00	4/40
DNCE 3333	002/00140	F 1:00pm - 2:50pm 305 Barnard Hall	Jodi Melnick	0.00-1.00	9/40

DNCE BC3335 MODERN VI. 0.00-1.00 points.**Fall 2022: DNCE BC3335**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3335	001/00586	M W 4:10pm - 5:25pm 305 Barnard Hall	Wesley Ensminger	0.00-1.00	7/30

DNCE 3335	002/00587	T Th 8:40am - 9:55am 11 Barnard Hall	Tamisha Guy	0.00-1.00	9/20
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DNCE BC3336 MODERN VI. 0.00-1.00 points.**Spring 2023: DNCE BC3336**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3336	001/00133	M W 2:40pm - 3:55pm 305 Barnard Hall	Wesley Ensminger	0.00-1.00	7/35
DNCE 3336	002/00183	T Th 8:40am - 9:55am 306 Barnard Hall	Tamisha Guy	0.00-1.00	2/15

DNCE BC3447 TAP III. 0.00-1.00 points.

Prerequisites: DNCE BC2447, BC2448, or permission of instructor

Fall 2022: DNCE BC3447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3447	001/00590	M W 4:10pm - 5:25pm 110 Barnard Hall	Dormeshia Sunbry-Edwards	0.00-1.00	0/15

DNCE BC3560 SCREENDANCE:COMPOSITION. 3.00 points.

Prerequisites: Must have taken a Dance Department Composition course, have some dance training.

Prerequisites: Must have taken a Dance Department Composition course, have some dance training. This experiential, hands-on course requires all students to choreograph, dance, and film. Focusing on single-shot film-making, the duet of the camera and the dance will create an understanding of the interaction between the two, enabling students to create a final short film

Fall 2022: DNCE BC3560

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3560	001/00592	T Th 10:10am - 12:00pm LI020 Milstein Center	Gabri Christa	3.00	14/14

DNCE BC3567 DANCES OF INDIA. 3.00 points.

A range of dance genres, from the traditional to the innovative, co-exist as representations of Indianness in India, and beyond. Identities onstage and in films, morph as colonial, national, and global contexts change. This course zooms from micro to macro views of twentieth century staged dances as culturally inflected discourse. We review how Indian classical dance aligns with the oldest of performance texts, and with lively discourses (rasa as a performance aesthetic, Orientalism, nationalism, global recirculations) through the ages, not only in India but also in Europe, Britain and America. Throughout the course, we ask:- How is culture embodied? How do historical texts configure dance today? How might they affect our thinking on mind-body, practice-theory, and traditional-contemporary divides? How does bodily patterning influence the ways that we experience our surroundings and vice versa? Can cultural

imaginaries instigate action? How is gender is performed? What are dance discourses?

Fall 2022: DNCE BC3567

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3567	001/00593	M W 10:10am - 11:25am 409 Barnard Hall	Uttara Coorlawala	3.00	19/24

DNCE BC3576 DANCE CRITICISM. 3.00 points.

This course offers intensive practice in writing on dance and explores a range of approaches to dance criticism from the 1940s through today. Starting from the premise that criticism can be an art form in itself, we ask: What are the roles and responsibilities of a critic? How do our own identities and experiences inform how we see and write? With the proliferation of dance in digital spaces, what new possibilities arise for dance criticism? Class meetings include discussion, writing exercises, and peer workshops. Assignments involve viewing performances outside of class

Fall 2022: DNCE BC3576

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3576	001/00594	Th 2:10pm - 4:00pm Li001 Milstein Center	Siobhan Burke	3.00	16/16

DNCE BC3591 SENIOR SEMINAR. 4.00 points.

Research and scholarly writing in chosen topics relating to dance. Methods of investigation are drawn from prominent archival collections and personal interviews, as well as other resources. Papers are formally presented to the Dance Department upon completion

Fall 2022: DNCE BC3591

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3591	001/00595	Th 10:00am - 11:50am 405 Barnard Hall	Paul Scolieri	4.00	5/7

DNCE BC3592 Senior Project: Research for Dance. 4 points.

Independent study for research and writing (35 to 50-page thesis required).

DNCE BC3593 SR PROJECT:REPERTORY FOR DANCE. 3.00 points.

Independent study for preparing and performing repertory works in production to be presented in concert

Spring 2023: DNCE BC3593

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3593	001/00135	W 12:10pm - 2:00pm 306 Barnard Hall	Colleen Thomas	3.00	6/6

DNCE BC3604 REHEARSAL#PERFRMNC IN DANCE. 1.00-3.00 points.

Prerequisites: Audition See Dance Department webpage for audition dates.

Prerequisites: Audition. Do not register for this course until you have been selected at the audition. Subject to cap on studio credit. Can be taken more than once for credit up to a maximum of 3 credits a semester. Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians

DNCE BC3605 REHEARSAL#PERFRMNC IN DANCE. 0.00-3.00 points.

Prerequisites: Audition. Do not register for this course until you have been selected at the audition. Subject to cap on studio credit. Can be taken more than once for credit up to a maximum of 3 credits a semester. Students are graded and take part in the full production of a dance as performers, choreographers, designers, or stage technicians

Fall 2022: DNCE BC3605

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3605	001/00596	M W 6:10pm - 9:00pm 305 Barnard Hall	Paul Scolieri, Norbert De La Cruz	0.00-3.00	6/15
DNCE 3605	002/00597	M W 6:10pm - 9:00pm 11 Barnard Hall	Jennifer Archibald	0.00-3.00	9/15
DNCE 3605	003/00598	T Th 6:10pm - 9:00pm 305 Barnard Hall	Paul Scolieri, Tiffany Mangulabnan	0.00-3.00	8/10
DNCE 3605	004/00599	T Th 6:10pm - 9:00pm 11 Barnard Hall	Paul Scolieri, Jenna Riegel	0.00-3.00	2/15

CROSS-LISTED COURSES - AMERICAN STUDIES

DNCE BC2565 WORLD DANCE HISTORY. 3.00 points.

Investigates the multicultural perspectives of dance in major areas of culture, including African, Asian, Hispanic, Indian, Middle Eastern, as well as dance history of the Americas through reading, writing, viewing, and discussion of a wide range of resources. These include film, original documents, demonstration, and performance

Spring 2023: DNCE BC2565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2565	001/00122	T Th 10:10am - 11:25am 409 Barnard Hall	Paul Scolieri	3.00	36/37

DNCE BC2570 DANCE IN NEW YORK CITY. 3.00 points.

Study of the cultural roots and historical contexts of specific communities using New York City's dance scene as a laboratory. Students observe the social environments in which various modes of dance works are created while researching the history of dance in New York City. Course includes attendance at weekly events, lecture-demonstrations, and performances

Spring 2023: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 001/00124 T Th 2:40pm - Siobhan 3.00 22/20
2570 3:55pm Burke
302 Barnard Hall

DNCE BC2575 Choreography for the American Musical. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2022-23 academic year.

Prerequisites: Suggested DNCE BC2560, BC2566, BC2570
Explores the history and evolution of American Musical Theater dance, a uniquely American art form, with special focus on the period known as "The Golden Era." Analysis of the genre's most influential choreographers (including Balanchine, de Mille, Robbins), their systems, methodologies and fusion of high and low art on the commercial stages.

DNCE BC2580 Tap as an American Art Form. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: DNCE BC1446 or equivalent experience.
Studio/lecture format focuses on tap technique, repertory, improvisation, and the development of tap explored through American history, jazz music, films, videos, and biographies.

DNCE BC3001 HISTORY OF THEATRICAL DANCING. 3.00 points.

Focuses on the history of theatre dance forms originating in Europe and America from the Renaissance to the present. Includes reading, writing, viewing, and discussion of sources such as film, text, original documentation, demonstration, and performance

Fall 2022: DNCE BC3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3001	001/00579	M W 11:40am - 12:55pm 409 Barnard Hall	Marjorie Folkman	3.00	24/30

DNCE BC3570 Latin American and Caribbean Dance: Identities in Motion. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2022-23 academic year.

Examines the history and choreographic features of Latin American and Caribbean dance forms. Dances are analyzed in order to uncover the ways in which dancing shapes national, racial, and gender identities. Focuses on the globalization of these dances in New York City.

DNCE BC3574 Inventing the Contemporary: Dance Since the 1960s. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Explores modern/contemporary dance in the United States and Europe since the 1960's. Major units are devoted to the Judson Dance Theater and its postmodernist aftermath, Tanztheater and

European dance revisionism, and African-American dance and the articulation of an aesthetic of cultural hybridity.

DNCE BC3578 Traditions of African-American Dance. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2022-23 academic year.

Traces the development of African-American dance, emphasizing the contribution of black artists and the influence of black traditions on American theatrical dance. Major themes include the emergence of African-American concert dance, the transfer of vernacular forms to the concert stage, and issues of appropriation, cultural self-identification, and artistic hybridity.

DNCE BC3583 Gender and Historical Memory in American Dance of the 1930's to the Early 1960's. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not offered during 2022-23 academic year.

Prerequisites: One course in dance history/studies or permission of the instructor.

Explores the question of why so many women dancer/choreographers of the 1930's - to the early 1960's, including relatively well-known ones, have ended up as peripheral rather than central players in what has become the master narrative of a crucial era of the recent dance past.

DNCE BC3980 Performing the Political: Embodying Change in American Performance. 4 points.

Not offered during 2022-23 academic year.

Prerequisites: An introductory course in dance or theatre history or permission of instructor. Enrollment limited to 12 students.
Exploration into the politics of performance and the performance of politics through the lens of 20th-century American dance.

CROSS-LISTED COURSES - URBAN STUDIES

DNCE BC2570 DANCE IN NEW YORK CITY. 3.00 points.

Study of the cultural roots and historical contexts of specific communities using New York City's dance scene as a laboratory. Students observe the social environments in which various modes of dance works are created while researching the history of dance in New York City. Course includes attendance at weekly events, lecture-demonstrations, and performances

Spring 2023: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/00124	T Th 2:40pm - 3:55pm 302 Barnard Hall	Siobhan Burke	3.00	22/20

DRAMA AND THEATRE ARTS

507 Milbank Hall

212-854-2080

212-280-8764 (fax)

Department Administrator: Coretta Grant

Faculty Department Assistant: Valerie Coates

The Barnard and Columbia undergraduate theatre program engages the disciplines of drama, theatre, and performance studies as a distinctive mode of intellectual and artistic inquiry. Majors take foundational coursework in the literary, cultural, and embodied traditions of western and nonwestern performance as well as in the practices of acting, directing, design, and playwriting. All majors then specialize in a specific area and undertake advanced thesis work, leading either to a formal essay of original research, or to an artistic project (in acting, design, directing, dramaturgy, playwriting, or solo performance) that combines the practices of research and artistic creation.

While Barnard and Columbia students fulfill the overall graduation requirements of their respective institutions, major requirements for the Barnard Major in Theatre/Columbia Major in Drama and Theatre Arts are identical, and the majority of required coursework is offered through the Barnard College Department of Theatre. Barnard and Columbia students receive their degrees from their respective colleges of Columbia University.

The Department's season of productions in the Minor Latham Playhouse and the Glicker-Milstein Black Box Theatre is a crucible of investigation: the place where professional directors and designers collaborate with undergraduates, using a wide range of classic and contemporary plays and performance practices to shape insights unique to theatrical inquiry today. Whether it's Shakespeare or Soyinka or Caryl Churchill, or the directing, solo performance, and playwriting theses in the Senior Thesis Festival, Department of Theatre productions are both a learning process and a scene of encounter, where perceptions are shaped for the attention and creative response of a larger public.

Students interested in majoring in Theatre should consider taking three or four of the required classes in their first two years of study: Western Theatre Traditions: Classic to Romantic, Western Theatre Traditions: Modern and/or a course fulfilling the "world theatre" requirement offered in the Department of Theatre, and at least one class in acting, design, directing, or playwriting (preferably in the area you might choose as areas of specialization). Students thinking about a research focus might consider an additional dramatic literature, theatre studies, or performance studies class early in their studies; students thinking about an acting or design focus,

for example, might consider additional classes in those areas in the second or third year of study.

STUDENT LEARNING OBJECTIVES

Upon completion of the major, successful students will be able to attain the following objectives:

- Assess critically the artistic ambitions of contemporary theatrical performance, and of literary, critical and theoretical issues involved in the interpretation of dramatic literature and theatrical performance;
- Create with proficiency in at least one area of creative work in the field: critical/research writing, acting, directing, design, playwriting, and dramaturgy.

Areas of Concentration

Drama and Theatre Studies Student Learning Objectives

Students successfully completing drama and theatre studies coursework, or concentrating in drama and theatre studies, should be able to attain the following objectives:

1. Write clearly about dramatic literature, and about performance, including where applicable film performance;
2. Synthesize and evaluate contemporary criticism and research scholarship in writing;
3. Know specific authors, movements, periods, styles, and ideological structures in the history of drama, theatre, and performance (i.e., Shakespeare, American drama, Performative Cultures of the Third Reich, Black Theatre);
4. Use critical, theoretical, and historical concepts in the analysis of drama and performance.

Acting Student Learning Objectives

Students successfully completing a concentration in acting should be able to attain the following objectives:

1. Analyze dramatic texts and apply the analysis to developing a performable role/character;
2. Synthesize external elements with external elements (social mores, environment, historical context, status relationship to others) and internal elements (center of gravity, personal rhythm, speed, tempo) toward the expression of a character's physicality and emotionality;
3. Recognize and apply the fundamental concepts of character development: objectives, obstacles, actions, given circumstances;
4. Develop vocal, physical and emotional awareness and imagination, and to explore techniques available to aid the actor in applying these elements in a conscious way during rehearsal and performance.

Design Student Learning Objectives

Students successfully completing a concentration in design should be able to attain the following objectives:

1. Analyze dramatic texts and translate that analysis into documents used in the production process (breakdowns, plots, etc.);
2. Collect images and texts that provide insight into the developing design idea, and accurately communicate historical and stylistic choices;
3. Demonstrate fluency with the craft of a design field – e.g. sketching, model making, drafting, sound and lighting plots, and associated software;
4. Perform collaboratively, adapting and informing their designs with ideas generated through conversation with colleagues, classmates, and advisors.

Directing Student Learning Objectives

Students successfully completing a concentration in directing should be able to attain the following objectives:

1. Recognize the different demands of different configurations of stage space;
2. Apply compositional tools;
3. Define production style and its influence on performance choices;
4. Communicate effectively with actors;
5. Analyze the historical, social, and aesthetic elements of a dramatic text as the basis for a directorial conception.

Dramaturgy Student Learning Objectives

Students successfully completing a concentration in dramaturgy should be able to attain the following objectives:

1. Apply important critical and theoretical concepts to the analysis of dramatic writing and theatrical performance;
2. Synthesize and evaluate contemporary research scholarship and apply it to a specific production, including biographical, historical, and interpretive information;
3. Write clearly and effectively about the goals of a production, its critical contexts and purposes;
4. Communicate the critical stakes of a performance to a director and cast; to be able to work with a director in fashioning those stakes;
5. Edit dramatic scripts for production.

Playwriting Student Learning Objectives

Students successfully completing a concentration in playwriting should be able to attain the following objectives:

1. Create an individual theatrical voice in writing;
2. Construct dramatic and theatrical events onstage;
3. Communicate supportive critique to fellow writers;
4. Interpret plot and story, and to employ language and spectacle creatively;

5. Recognize dramatic structures, and be able to shape and hold an audience's attention.

Stage and Production Management Student Learning Objectives

Students successfully completing a concentration in stage and production management should be able to attain the following objectives:

1. Read and analyze a performance text from stage and production management perspectives;
2. Communicate with and coordinate the needs of all members of the production effectively;
3. Organize and manage the rehearsal process
4. Develop and update the production budget

Faculty:

Chair: W.B. Worthen (Alice Brady Pels Professor in the Arts, Co-Director of Undergraduate Studies, Drama and Theatre Arts)

Associate Professor: Hana Worthen

Professor of Professional Practice, Theatre, School of the Arts: Steven Chaikelson

Associate Professors of Professional Practice: Sandra Goldmark, Alice Reagan

Lecturers: Gisela Cardenas, Shayoni Mitra

Adjunct Lecturers: Mana Allen, Daniel Baker, Andy Bragen, Kyle deCamp, Crystal Finn, Sharon Fogarty, Shannon Sindelar, Wendy Waterman

Affiliated Faculty:

Associate Professor: Maja Horn (Spanish and Latin American Cultures)

Senior Lecturers: Pam Cobrin (English, Director, Writing Program), Patricia Denison (English, Co-Director of Undergraduate Studies, Drama and Theatre Arts)

Other officers of the University offering courses listed below:

Professors: Austin E. Quigley, Jean Howard, Rebecca Kastleman, Julie Stone Peters

Department Administrator: Coretta Grant

Technical Director: Greg Winkler

Production Manager: Michael Banta

Costume Shop Manager: Kara Feely

Faculty Department Assistant: Valerie Coates

REQUIREMENTS FOR THE MAJOR

Download the Theatre major self-audit form

A minimum of 36 credits is required to fulfill the requirements for the major. Students intending to major in Theatre should consult with the Department Chair in their sophomore year or earlier to plan a program: this consultation is required for Barnard students and strongly recommended for Columbia students. Twelve courses and one senior thesis (in Performance or in Research) are required as follows:

Dramatic Literature and Theatre History

World theatre and performance histories:

Both required:

THTR UN3150	WESTERN THEATRE TRADITIONS: CLASSIC TO ROMANTIC
THTR UN3151	WESTRN THTR TRAD: MODERN

Select one of the following:

THTR UN3149	PERFORMANCE IN/OF SOUTH # SOUTHEAST ASIA	3.00
THTR UN3154	THEATRE TRAD GLOBAL CONTEXT	
THTR UN3155	TRADITIONAL INDIAN PERFORMNCE	
THTR UN3156	MODERN ASIAN PERFORMANCE	

Select one course in Drama, Theatre, and Performance Theory:

THTR UN3140	PERFORMING WOMEN
THTR UN3160	Queer Performance
THTR UN3165	THEORIES OF PERFORMANCE STUDIES
THTR UN3166	Drama, Theatre, and Theory
ENTA UN3701	DRAMA, THEATRE AND THEORY

Select one course in Shakespeare, may be taken in Theatre or English departments.

Select Two courses in dramatic literature, theatre studies, and/or performance studies, taken in the Theatre Department or in another department with advisor's approval. One course must be a seminar.

Theatre Practice

Select one course each in 3 of the following 4 areas:

Acting

THTR UN3004	ACTING I	
THTR UN3005	ACTING II	3.00

Design

THTR UN3401	SOUND DESIGN
THTR UN3402	COSTUME DESIGN
THTR UN3403	LIGHTING DESIGN
THTR UN3404	SCENE DESIGN
THTR UN3405	PROBLEMS IN DESIGN

THTR UN 3203 Collaboration may be counted if not counted toward Directing

Directing

THTR UN3200	DIRECTING I
THTR UN3201	DIRECTING II

THTR UN 3203 Collaboration may be counted if not counted toward Design

Playwriting

THTR UN3300	PLAYWRITING WORKSHOP
THTR UN3301	PLAYWRITING LAB

Concentration

All majors must take an additional TWO courses in the field of the Senior Thesis. *See below.

Senior Thesis

All students must take either THTR UN3997 or THTR UN3998:

THTR UN3997	SENIOR THESIS IN PERFORMANCE (Acting, Design, Directing, Dramaturgy, Playwriting, Solo Performance) *
THTR UN3998	SENIOR THESIS IN RESEARCH **

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*Prior to completing the Senior Thesis: Performance, majors must take an additional two courses in the field of the thesis (acting, design, dramaturgy, directing, playwriting, solo performance). Courses in acting, design, and directing are offered through the Department of Theatre. Courses in playwriting are offered through the Department of Theatre and the Department of English; a student who takes one of the playwriting classes above as part of the Theatre Practice requirement may take a playwriting course in English as one of the two additional playwriting courses required for the thesis. For theses in directing, students must take a dramaturgy course prior to the thesis year. For theses in dramaturgy, students take two additional courses in dramatic literature, theatre studies, or performance studies research; these courses may be drawn from courses in dramatic literature, theatre studies, and global performance traditions offered in the Theatre department, or from dramatic literature courses offered in other departments with the adviser's approval. Dramaturgy thesis students may substitute one course in playwriting for one of the two additional courses. Students pursuing a solo performance thesis are required to have taken the Solo Performance course prior to the thesis semester (spring), among the three required courses in acting.

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**Prior to completing the Senior Thesis: Research, majors must take an additional two courses in drama, theatre, or performance research. These courses may be drawn from course in dramatic literature, theatre studies, and global performance traditions offered in the Theatre department, or from dramatic literature or performance studies courses offered in other departments with adviser's approval. These courses should be disused with the student's major advisor, as well as with the sponsor of the thesis.

Production Crew

Theatre majors planning on completing a Senior Thesis in Performance (acting, design, directing, dramaturgy, playwriting, solo performance) are required to complete a run crew assignment and a crew head assignment prior to their final semester; to be in the strongest position for the thesis, ideally these assignments are completed during the junior year. Please see the section on Production Crew for more information.

Studio Courses

Please note that for Barnard students there is a limit on studio courses. Theatre majors may take 24 studio points in Theatre and an additional six in another discipline for a total of 30 studio points. Theatre Department studio courses are:

THTR UN2420	Technical Production	3
THTR UN3004	ACTING I	3
THTR UN3005	ACTING II	3
THTR UN3006	ADVANCED ACTING	3

Graduate Courses

Only under special circumstances, and with the permission of the instructor, can undergraduates take graduate classes.

REQUIREMENTS FOR THE MINOR

The Minor in Theatre (currently available only to Barnard students; Columbia College and General Studies do not approve minors) provides the opportunity to engage in the range of opportunities offered by the Theatre department: students who minor in Theatre take a mix of lecture and seminar courses in drama, theatre, and performance studies, as well as courses in a selected area or selected areas of performance practice (acting, design, directing, dramaturgy, stage and production management, playwriting), as well as fulfilling one backstage crew requirement. Please note:

Only courses that would fulfil the major requirements can be used to fulfil minor requirements.

The minor can be “declared” only in the semester that all requirements for the minor will be completed, typically in the first or second semester of the senior year.

The minor in Theatre consists of seven (7) courses; only courses that fulfill major requirements may be taken to fulfill minor requirements. Students minoring in Theatre may take one (1) relevant course from another department as part of the “elective” series, as approved by the minor advisor or the department chair.

Seven courses, to include three 3- or 4-credit lecture/seminar courses, three 3-credit studio courses, and one (1-3 credit variable) crew assignment, as follows:

- One (1) Theatre lecture course (THTR UN3149 PERFORMANCE IN/OF SOUTH # SOUTHEAST ASIA, THTR UN3150 WESTERN THEATRE

TRADITIONS: CLASSIC TO ROMANTIC,
THTR UN3151 WESTRN THTR TRAD: MODERN,
THTR UN3154 THEATRE TRAD GLOBAL CONTEXT)

- One (1) additional lecture course from the list above or seminar course offered at the 3000 level in the Theatre department
- One (1) course offered in the Theatre department in any of the following fields: acting, design, directing, dramaturgy, playwriting.
- Four (4) additional courses as follows:
 - One (1) 3000 level lecture/seminar course in drama, theatre, and performance studies offered in the Theatre department
 - Two (2) studio courses, chosen from acting, design, directing, dramaturgy, or playwriting.
 - One (1) Theatre production crew assignment, which is constituted as a course.

One (1) relevant course from another department may be included with prior approval of the department chair, including ENTA courses offered through Columbia English, or relevant courses offered in other departments.

No more than three (3) courses may be in a single format: three (3) lecture or seminar and three (3) studio courses. All three studio courses may be in a single discipline (for example, three courses in acting; two design courses and one approved course in figure drawing; three playwriting courses, including one approved course taken in Barnard English).

THTR UN2005 Acting Workshop. 3 points.

When offered in Fall semester, open only to first-year students. **Not offered during 2022-23 academic year.**

Prerequisites: Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions.

Course develops the processes and tools an actor needs to approach the text of a play. Students develop their physical, vocal, and imaginative range and skills through voice and speech exercises, work on non-verbal behavior, improvisation, and character development. **IN THE FALL SEMESTER OPEN ONLY TO FIRST-YEAR STUDENTS.** Course encouraged for prospective BC Theatre and CU Drama and Theatre Arts majors.

THTR UN2022 PRACTICUM PERFORMANCE SHOW 1. 1.00-3.00 points.

Course can be taken for 1-3 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: Open to all Barnard and Columbia undergraduates. Permission of Department through audition required. Students cast as actors in a departmental stage production register for this course; course emphasizes the collaborative nature of production, and appropriate research and reading required in addition to artistic assignments. Auditions for each semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

Fall 2022: THTR UN2022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2022	001/00130	M T W Th F 6:00pm - 11:00pm 118 Milbank Hall	Alice Reagan	1.00-3.00/70	

Spring 2023: THTR UN2022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2022	001/00055	M T W Th F Sa 6:00pm - 10:00pm 118 Milbank Hall	Gisela Cardenas Ojeda	1.00-3.00/20	

THTR UN2023 PRACTICUM PERFORMANCE SHOW 2. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: Open to all Barnard and Columbia undergraduates. Permission of Department through audition required. Students cast as actors in a departmental stage production register for this course; course emphasizes the collaborative nature of production, and appropriate research and reading required in addition to artistic assignments. Auditions for each semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

Fall 2022: THTR UN2023

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2023	001/00131	M T W Th F 6:00pm - 11:00pm 118 Milbank Hall		1.00-3.00/70	

THTR UN2024 PRACTICUM PERFORMANCE THESIS 1. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: Open to all Barnard and Columbia undergraduates. Permission of Department through audition required. Students cast as actors in a Senior Thesis in Directing register for this course. Auditions for each semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

THTR UN2025 PRACTICUM PERFORMANCE THESIS 2. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: Open to all Barnard and Columbia undergraduates. Permission of Department through audition required. Students cast as actors in a Senior Thesis in Directing register for this course. Auditions for each semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

THTR UN2026 PRACTICUM PERFORMANCE THESIS 3. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: Open to all Barnard and Columbia undergraduates. Permission of Department through audition required. Students cast as actors in a Senior Thesis in Directing register for this course. Auditions for each semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

THTR UN2027 Practicum Performance Dramaturgy. 3 points.

Prerequisites: Student dramaturgs are selected as part of the production team; students interested in dramaturging a faculty-directed production should have taken the Dramaturgy course (THTR UN3167) and consult with the instructor. Students interested in dramaturging a senior thesis in directing should be listed by the thesis director as part of the production proposal and register for this course in the semester of the production. Students doing a senior thesis in dramaturgy do not register for this course, but register for THTR UN 3997: Senior Thesis in Performance: Dramaturgy.

THTR UN2140 HISTORY#PRACTICE OF PRODUCING. 3.00 points.

Prerequisites: Preference given to students who have taken New York Theatre and/or are Theatre/Drama and Theatre Arts majors. Permission of instructor given at first class meeting, required. Course limited to 12.

Prerequisites: Preference given to students who have taken New York Theatre and/or are Theatre/Drama and Theatre Arts majors. Permission of instructor given at first class meeting, required. Course limited to 12. Explores the role and responsibilities of the producer in commercial and not-for-profit theatre; the relationship of the producer to the cast and creative team; the creative development of plays and musicals; the evolution of the role of the producer over the twentieth century; and the pioneering work of great producers of the past century. Students develop criteria to assess artistic and financial merits of theatrical work. Attendance at productions on and off Broadway, meetings with producers and other theatre artists

Fall 2022: THTR UN2140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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THTR 2140 001/00133	T 4:10pm - 6:10pm LI001 Milstein Center	Steven Chaikelson, Erica Rotstein	3.00	14/14
THTR 2140 001/00133	T 6:10pm - 10:00pm LI001 Milstein Center	Steven Chaikelson, Erica Rotstein	3.00	14/14

THTR UN2201 ACTING ENSEMBLE DIRECTING II. 1.00 point.

Students may participate as actors in Directing II as a 1-credit course; these students will comprise the Acting Ensemble. Actors will be cast in all four student-directed scenes and will participate in the feedback process following the showings. Actors must be available for both days of the week the course meets, but are only required to attend when they are performing; they are welcome to attend additional classes that may be of interest. Actors will be graded on their in-class performances (moment-to-moment work, collaboration with on-stage partners, memorization) and ability to respond and adjust to notes. Actors who are responsible and collaborative will succeed as part of the Acting Ensemble. Grading is Pass/Fail

Spring 2023: THTR UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2201 001/00056		T Th 12:10pm - 2:00pm 229 Milbank Hall	Alice Reagan	1.00	14/30

THTR UN2210 Theatre Workshop. 1 point.

Prerequisites: To be taken only for P/D/F. Auditions for this class are sometimes required; please check with Theatre Department in advance. If audition is required, auditions held 6pm on the first Tuesday and Wednesday class days of each semester. Class begins meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions Various topics presented by visiting theatre scholars, artists, and practitioners in a lecture/seminar/workshop series that will meet for at least four sessions during each semester. Topics, times, and visiting instructors will be announced by the department. Students must attend all classes to receive credit for the course.

THTR UN2420 Technical Production. 3 points.

Prerequisites: Crew assignment optional. Enrollment limited to 10 students.

Introduction to the equipment, terms, and procedures employed in the creation of scenery, lighting, and sound for the stage. Classroom exercises and field visits emphasize approaches to collaborative process and production management.

THTR UN2421 Stage Management. 3 points.

Prerequisites: Permission of the instructor, given at first class meeting.

This course explores the role of the stage manager and production manager in theatrical production. Students undertake hands-on exercises to develop the practical and collaborative skills essential to working both as a stage manager

and production manager--script analysis; production timeline and rehearsal management; technical rehearsal; budgeting; working with directors and designers; working with unions; health and safety codes; house management; box office.

THTR UN2422 PRACTICUM PROPS # PAINT. 1.00-3.00 points.

May be taken for 1-3 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: permission of Theatre Department Production Manager, Michael Banta (mbanta@barnard.edu). Training and practical props and/or scenic painting work on Departmental mainstage productions

Fall 2022: THTR UN2422

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2422 001/00134			Michael Banta	1.00-3.00	12

Spring 2023: THTR UN2422

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2422 001/00057			Michael Banta	1.00-3.00	12

THTR UN2423 PRACTICUM LIGHTS # SOUND. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: permission of Theatre Department Production Manager, Michael Banta (mbanta@barnard.edu). Training and practical lighting and/or sound work on Departmental mainstage productions

Fall 2022: THTR UN2423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2423 001/00135			Gregory Winkler	1.00-3.00	12

Spring 2023: THTR UN2423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2423 001/00058			Gregory Winkler	1.00-3.00	12

THTR UN2424 PRACTICUM WARDROBE. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: permission of Theatre Department Costume Shop Manager Kara Feely (kfeely@barnard.edu). Training and practical costume construction and fitting work on Departmental mainstage productions

Fall 2022: THTR UN2424

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2424 001/00136			Kara Feely	1.00-3.00	12

Spring 2023: THTR UN2424

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2424 001/00059			Kara Feely	1.00-3.00	12

THTR UN2425 PRACTICUM STAGE MANAGEMENT. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: permission of Theatre Department Production Manager, Michael Banta (mbanta@barnard.edu). Training and practical stage management work on Departmental mainstage productions

Fall 2022: THTR UN2425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2425	001/00137		Michael Banta	1.00-3.00/12	

Spring 2023: THTR UN2425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2425	001/00060		Michael Banta	1.00-3.00/12	

THTR UN2426 PRACTICUM DESIGN THESIS FESTIVAL. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: permission of the Senior Thesis Festival coordinator. Training and practical work as student designer on the Senior Thesis Festival

Spring 2023: THTR UN2426

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2426	001/00061	F 2:10pm - 5:00pm 230 Milbank Hall	Kara Feely	1.00-3.00/12	

THTR UN2427 PRACTICUM DESIGN ASSISTANT. 1.00-3.00 points.

Course may be taken for 1-3 points. May be retaken for full credit. Prerequisites: permission of the Senior Thesis Festival coordinator. Training and practical design work assisting student designers for the Senior Thesis Festival

Fall 2022: THTR UN2427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2427	001/00138		Michael Banta	1.00-3.00/12	

Spring 2023: THTR UN2427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2427	001/00062		Michael Banta	1.00-3.00/12	

THTR UN3004 ACTING I. 3.00 points.

Prerequisite: Open to all Barnard and Columbia undergraduates. Permission of Instructor required; students admitted from Waiting List. Course develops physical, vocal, and imaginative range and skills needed to approach the text of a play: text analysis, speech exercises, non-verbal behavior, improvisation designed to enhance embodiment, movement, and projection. Fulfills one course in Acting for Theatre/Drama and Theatre Arts majors. Gateway course to advanced courses; transfer students who have previous college-level course may be exempted with approval of Chair. May be retaken for full credit

Fall 2022: THTR UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3004	001/00139	M W 12:10pm - 2:00pm 229 Milbank Hall	Sharon Fogarty	3.00	15/16
THTR 3004	002/00140	M W 9:00am - 10:50am LI200 Diana Center	Tina Mitchell	3.00	16/16
THTR 3004	003/00141	T Th 12:10pm - 2:00pm 229 Milbank Hall	Gisela Cardenas Ojeda	3.00	13/16
THTR 3004	004/00142	M W 10:10am - 12:00pm 229 Milbank Hall	Crystal Finn	3.00	14/16
THTR 3004	005/00808	M W 2:10pm - 4:00pm LI200 Diana Center	Tina Mitchell	3.00	13/16

Spring 2023: THTR UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3004	001/00063	M W 2:10pm - 4:00pm LI200 Diana Center	Sharon Fogarty	3.00	11/16
THTR 3004	002/00064	T Th 9:00am - 10:50am LI200 Diana Center	David Skeist	3.00	16/16
THTR 3004	003/00065	M W 10:10am - 12:00pm 229 Milbank Hall	Crystal Finn	3.00	14/16

THTR UN3005 ACTING II. 3.00 points.

Prerequisite: Open to all Barnard and Columbia undergraduates. Permission of Instructor required; students admitted from Waiting List. Students must have taken Acting I or equivalent to be eligible for Acting II sections. Acting II will offer several different sections, focusing on a specific range of conceptual, embodiment, and physical acting skills. Each course fulfills one course in Acting requirement for Theatre/Drama and Theatre Arts majors. Please check with the Theatre Department website for specific offerings and audition information. May be retaken for full credit. All sections of Acting II fulfill the "Arts and Humanities" Foundations requirement at Barnard College

Fall 2022: THTR UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3005	001/00143	T Th 2:10pm - 4:00pm 229 Milbank Hall	Kyle deCamp	3.00	7/14
THTR 3005	002/00144	W F 12:10pm - 2:00pm LI200 Diana Center	Gisela Cardenas Ojeda	3.00	6/14
THTR 3005	003/00145	T Th 2:10pm - 4:00pm LI200 Diana Center	Gisela Cardenas Ojeda	3.00	15/14
THTR 3005	004/00146	T Th 4:10pm - 6:00pm 229 Milbank Hall	Mana Allen	3.00	11/12

Spring 2023: THTR UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3005	001/00109	M W 9:00am - 10:50am LI200 Diana Center	Tina Mitchell	3.00	14/16

THTR 3005 002/00110	T Th 4:10pm - 6:00pm 229 Milbank Hall	Kyle deCamp	3.00	9/16
THTR 3005 003/00111	T Th 12:10pm - 2:00pm LI200 Diana Center	Gisela Cardenas Ojeda	3.00	14/16

THTR UN3006 ADVANCED ACTING. 3.00 points.
Not offered during 2022-23 academic year.

Prerequisites: Preference given to juniors and seniors; THTR UN 3004 or 3005 prerequisite. Enrollment limited to 14 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions

Prerequisites: Preference given to juniors and seniors; THTR UN 3004 or 3005 prerequisite. Enrollment limited to 14 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semesters stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult Auditions on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions Special problems of performance. In-class scene work, extensive outside research, rehearsals, and reading. Fulfills additional coursework in Acting for Theatre/Drama and Theatre Arts majors. May be retaken for full credit

THTR UN3007 Scene Lab. 3 points.
Not offered during 2022-23 academic year.

Prerequisites: Enrollment limited to 16 students. Acting classes are open to all Barnard and Columbia undergraduates. Permission of Theatre Department through audition required: auditions for acting classes and for the semester's stage productions held 6pm on the first Tuesday and Wednesday class days of each semester. Acting classes begin meeting after auditions. For required details, consult "Auditions" on the Barnard Theatre Department website in advance: theatre.barnard.edu/auditions.

Provides an overview of the creative process of acting: text analysis, circumstance, establishment of place, pursuit of intention in coordination with exercises and improvisation designed to enhance concentration, imagination, resonance, movement, and projection. Rehearsal 2 hours per week outside class, participation in discussion of plays, playwrights, and performances required. Fulfills one course in Acting for Theatre/Drama Theatre Arts majors.

THTR UN3008 PERFORMING GREEK TRAGEDY ON THE MODERN STAGE. 3.00 points.

This course aims to explore performing Greek tragedy on the modern stage. It will include an introduction to original

performance practices in ancient Greece (space, masking, choral performance, costume, acting techniques) and an examination of how artists from different contemporary theatrical traditions have adapted ancient texts in modern performances and new versions of the plays. The bulk of the course will be focused on the problems of acting, interpreting, and reinterpreting parts of three plays on the stage, Sophocles' *Antigone*, Euripides' *Medea*, and Sophocles' *Ajax* along with a new version by Ellen McLaughlin, who teaches playwriting at Barnard, *Ajax in Iraq*. Students will view all or parts of particularly interesting recent productions from various theatrical traditions, which will help them to tackle challenging issues such as choral performance and choral rhythms, masking, character work, dialogues and presenting formal political debates. For contemporary actors training in Greek tragedy offers a unique opportunity to improve their performance on stage through ensemble work and representing character through speech. It enhances dramaturgical capacities that a contemporary theater practitioner must exercise in exploring theory in practice and vice versa. This class is directed to students particularly interested in dramaturgy, directing, designing, translation, and Greek tragedy as well as acting

Spring 2023: THTR UN3008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3008 001/00066		T Th 2:10pm - 4:00pm LI200 Diana Center	Helene Foley, Gisela Cardenas Ojeda	3.00	11/16

THTR UN3140 PERFORMING WOMEN. 4.00 points.

Prerequisites: Enrollment limited to 16 students. This course examines the category of "woman" as it is mobilized in performance, considering both a variety of contemporary performances chosen from a wide range of genres and a diversity of critical/theoretical perspectives. Course may fill either the Theory requirement, or one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major, but not both

Fall 2022: THTR UN3140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3140 001/00147		W 12:10pm - 2:00pm 306 Milbank Hall	Shayoni Mitra	4.00	11/16

THTR UN3141 Socialism/Communism in Performance. 4 points.

Not offered during 2022-23 academic year.

Prerequisites: Sophomore standing. Enrollment limited to 16 students.

Analyzes dramatic texts and performances under the Communist regimes behind the Iron Curtain before 1989. Principal focus is on Czech, Polish, and East German playwrights and their productions; we will consider their work in both legal and illegal contexts. In order to gain a wider understanding of the diversity of underground performative

cultures, works from Hungary, Romania, and Slovenia will be considered as well. The seminar also attends to dissident performative activities in the framework of the 1980s revolutions, and reflects on works by western authors and emigrant/diasporic writers produced on stages behind the Iron Curtain. Fulfills one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major.

THTR UN3142 Bertolt Brecht: The Making of Theatre. 4 points.

Prerequisites: Enrollment limited to 16; permission of instructor given at first class meeting. Course is conducted in English and readings are in English; German majors and German-speaking students may do readings and papers in German.

This class provides a comprehensive overview of the drama, theatre, and theory of Bertolt Brecht, the most influential European playwright and theorist of the twentieth century, in the context of their original historical contexts and subsequent legacies. Fulfills one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major.

THTR UN3144 Ecologies of Transmedia Performance. 4.00 points.

Exploring transmedia performance as both a medial interaction in the physical space of theatre and a multiplatform environment expanding and extending beyond it, Ecologies of Transmedia Performance engages the NYPL for the Performing Arts archive to create an environmentally and socially self-aware, virtual transmedia performance/experience. To strengthen academic and digital competencies, the course consists of a seminar (meets on Tuesday) and a lab (meets on Wednesday), integrating several activities: experiencing and studying transmedia performances; conceptualizing transmediality; conducting archival research into transmedia theatre; and designing a transmedia performance (the digital tools we will work with include Google Sites, Google Scripts, and Google Cloud AI). Course enrollment is limited to 12; permission of instructor given after first class meeting. Fulfills one of the two required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major

THTR UN3146 American Drama in the 1990s. 4 points. Not offered during 2022-23 academic year.

Prerequisites: Enrollment limited to 16. Examines American drama in the period between the fall of the Berlin Wall in 1989 and the attack on the World Trade Center in New York in 2001, considering a range of aesthetic (epic theatre, performance art), social (AIDS), and political (Reaganomics) issues of the period. Fulfills one (of two) required courses dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major.

THTR UN3149 PERFORMANCE IN/OF SOUTH # SOUTHEAST ASIA. 3.00 points.

This course actively interrogates the region of Southeast Asia as it is mobilized in performance. It will investigate performance as a theoretical lens, artistic medium, and everyday practice across Southeast Asia. Research and writing will draw upon theatre, dance, performance art, and ritual, focusing on the construction of national and personal identity through performance. The course examines themes of gender, sexuality, imperialism, and globalization. Through discussion, viewing, and weekly writing assignments, students hone their critical thinking skills and learn to formulate research questions and arguments that will culminate in one critical essay and two in-class exams. Course may fill either the Global Theatre requirement, or one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major, but not both

THTR UN3150 WESTERN THEATRE TRADITIONS: CLASSIC TO ROMANTIC. 3.00 points.

Dialectical approach to reading and thinking about the history of dramatic theatre in the west, interrogating the ways poetry inflects, and is inflected by, the material dynamics of performance. Course undertakes careful study of the practices of performance, and of the sociocultural, economic, political, and aesthetic conditions animating representative plays of the Western tradition from the classical theatre through the early modern period to early romanticism; course will also emphasize development of important critical concepts for the analysis of drama, theatre, and performance. Specific attention will be given to classical Athens, medieval cycle drama, the professional theatre of early modern England, the rival theatres of seventeenth century France and Spain, and eighteenth-century theatre in England and Germany; topics include the sociology of theatre, the impact of print on conceptions of performance, representing gender and race, and the dynamics of court performance. Writing: 2-3 papers; Reading: 1-2 plays, critical and historical reading per week; final examination. Fulfills one (of two) Theatre History requirements for Theatre/Drama and Theatre Arts majors

Fall 2022: THTR UN3150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3150	001/00148	M W 10:10am - 11:25am 202 Milbank Hall	William Worthen	3.00	22/50

THTR UN3151 WESTERN THTR TRAD: MODERN. 3.00 points.

Dialectical approach to reading and thinking about the history of dramatic theatre in the west, interrogating the ways poetry inflects, and is inflected by, the material dynamics of performance. Course undertakes careful study of the practices of performance, and of the sociocultural, economic, political, and aesthetic conditions animating representative plays of the Western tradition from the late eighteenth century to today; course will also emphasize development of important critical concepts for the analysis of drama, theatre, and performance.

Specific attention will be given to the ideology of realism and naturalism, the development of epic theatre, the theatre of cruelty, postcolonial performance, and the continuing invention of dramatic forms (theatre of the absurd, speechplays, postdramatic theatre), as well as to the political and theoretical impact of race, gender, sexuality in modern performance culture. Writing: 2-3 papers; Reading: 1-2 plays, critical and historical reading per week; final examination. Fulfills one (of two) Theatre History requirements for Theatre/Drama and Theatre Arts majors

Spring 2023: THTR UN3151

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3151	001/00067	M W 10:10am - 11:25am 323 Milbank Hall	Anne Potter	3.00	30/50

THTR UN3154 THEATRE TRAD GLOBAL CONTEXT. 3.00 points.

Prerequisites: Enrollment limited to 50 students. Provides a broad introduction to several traditions of nonwestern drama and theatrical practice, often placing recent and contemporary writing in relation to established conventions. Taking up plays and performance traditions from Asia, South Asia, and various African traditions, it may also consider the relation between elite and popular culture (adaptations of Shakespeare, for example), and between drama, theatre, and film. Course may fulfill either the Global Theatre requirement, or one (of two) required courses dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major, but not both

Fall 2022: THTR UN3154

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3154	001/00149	T Th 12:10pm - 1:25pm L1200 Diana Center	Shayoni Mitra	3.00	49/50

THTR UN3155 TRADITIONAL INDIAN PERFORMANCE. 4.00 points.

Course provides a perspective on traditional forms of Indian performance from classical theory to contemporary traditional practices. Course covers Sanskrit drama, Kathakali, Ramlila, and Chhau; extensive video of performances and guest practitioners. Course may fulfill either the Global Theatre requirement, or one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major, but not both

Spring 2023: THTR UN3155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3155	001/00068	W 12:10pm - 2:00pm 202 Milbank Hall	Shayoni Mitra	4.00	13/14

THTR UN3156 MODERN ASIAN PERFORMANCE. 4.00 points.

Prerequisites: Permission of instructor given at first class meeting; enrollment limited to 16. Corequisites: Fulfills one course in World Theatre requirement for Theatre/Drama and Theatre Arts majors. Course studies contemporary Asian

performance with focus on modernity, covering most nations on the Asian continent; readings cover theoretical and aesthetic questions from performances of healing to revolutionary theatre to diasporic performance. Course may fulfill either the Global Theatre requirement, or one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major, but not both

THTR UN3157 POSTCOLONIAL DRAMA:THE CANON # ITS OTHER. 4.00 points.

This class is a close reading of postcolonial plays, both as they form a recognizable canon, and as counters to it. Through a grounding in postcolonial theory, students will explore how the colonial encounter leaves a lasting impact on language and performance. How do these playwrights tackle questions of authenticity, influence, inspiration and agency? What stories do they adapt, translate or reimagine? Also, we read in equal measure male and female playwrights, attending to the ways in which power and authority are negotiated by them. This class looks both at plays that are seminal to postcolonial writing and also newer ones that unsettle the position of the greats. Do we then understand postcolonialism as a historically bound literary trend or an ongoing process of exploration? Fundamentally we ask, in our efforts to decolonize the theatre, how do we find new ways or reading?

Spring 2023: THTR UN3157

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3157	001/00069	Th 12:10pm - 2:00pm 227 Milbank Hall	Shayoni Mitra	4.00	7/14

THTR UN3160 Queer Performance. 4 points.

This course surveys key theoretical and historical writings in the field of Queer Performance, both within and without Theatre and Performance Studies, as well as significant dramatic and performance works in the field. Beginning with an introduction to queer theory and questions surrounding gender and sexuality in performance, the course then moves into contemporary theories to examine works that use embodiment to question constructions of gender and sexuality onstage. Performances are regarded as provocations: what constitutes queer performance? Is sexuality all we mean by queer? What are the historical, aesthetic, and political aspects of queer performance? We will also pursue questions of practice and production: Where is queer performance staged and how is it received? How is it produced, for whom, by whom, and with what funding? Is queer performance inherently or even necessarily radical? The course explores crosscultural performances, as well as performances spanning from theatrical stages to ritual to everyday performance. Course may fill either the Theory requirement, or one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major, but not both.

THTR UN3165 THEORIES OF PERFORMANCE STUDIES. 4.00 points.

Prerequisites: Enrollment limited to 16 students. Course surveys the wide range of genres and categories addressed by

the practice of modern "performance studies"; it introduces a number of performance practices, as well as relevant interdisciplinary methodologies. Students consider live performances as well as a number of mediated works, learning to think critically and creatively about the relation between text, technology, and the body. Course may fill either the Theory requirement, or one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts major, but not both

Spring 2023: THTR UN3165

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3165	001/00070	T 12:10pm - 2:00pm 227 Milbank Hall	Shayoni Mitra	4.00	8/14

THTR UN3166 Drama, Theatre, and Theory. 4 points.
Not offered during 2022-23 academic year.

Prerequisites: Enrollment limited to 16 students. Intensive immersion in fundamental principles and practices of world drama, theatre, and performance, past and present. Close readings of performances, plays, video, film, and digital media.

Assignments include presentations, performance projects, and critical writing. Fulfills one course in Drama, Theatre, and Theory requirement for Theatre/Drama and Theatre Arts majors.

THTR UN3167 DRAMATURGY. 4.00 points.

Prerequisites: Permission of instructor, given at first class meeting; enrollment limited to 12. This course teaches the research skills and practices a production dramaturg develops as part of the conceptual work of theatrical production. Course is focused on a series of activities: analyzing dramatic text, comparing different versions of script, conducting archival and cultural research, and presenting it to the production team. Fulfills one (of two) required courses in dramatic literature/theatre studies/performance studies for Theatre/Drama and Theatre Arts majors. Required for students undertaking a senior thesis in dramaturgy. Required for students undertaking a senior thesis in directing prior to the thesis year

Fall 2022: THTR UN3167

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3167	001/00151	T 12:10pm - 2:00pm L1105 Diana Center	Shannon Sindelar	4.00	10/12

THTR UN3200 DIRECTING I. 3.00 points.

Prerequisites: Permission of instructor given at first class meeting. Exploration of the evolution of the director's role in Europe and the US, including the study of important figures. Emphasis on text analysis, and varied schools of acting in relation to directing practice. Students gain a foundation in composing stage pictures and using stage movement to tell a story. All students will direct at least one fully-realized scene. Fulfills one course in Directing requirement for Theatre/Drama and Theatre Arts majors. Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: directing

Fall 2022: THTR UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3200	001/00152	T Th 10:10am - 12:00pm L1200 Diana Center	Alice Reagan	3.00	19/25

Spring 2023: THTR UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3200	001/00071	M W 2:10pm - 4:00pm 229 Milbank Hall	Shannon Sindelar	3.00	16/16

THTR UN3201 DIRECTING II. 3.00 points.

Prerequisites: Students required to have taken THTR UN3200 Directing I or THTR UN3203 Collaboration: Directing and Design, or equivalent. Enrollment limited to 14 students.

Permission of instructor given at first class meeting. Course focuses on developing an individual directorial style, placing emphasis on visual research, and the use of different staging environments: end-stage, in the round, environmental. Class is structured around scene-work and critique, and each student will direct at least three fully-realized scenes. Material typically drawn from European avant-garde. Fulfills additional coursework in Directing required for Theatre/Drama and Theatre Arts majors concentrating in Directing

Spring 2023: THTR UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3201	001/00072	T Th 12:10pm - 2:00pm 229 Milbank Hall	Alice Reagan	3.00	6/16

THTR UN3202 Advanced Directing. 4 points.

Prerequisites: Open to students who have taken at least one course in directing. Required for students approved for Directing thesis, but open to all qualified students. Permission of instructor given at first class meeting.

This course requires students to draw on all previous theatre training, synthesizing scholarship and research toward dynamic fully-realized scene work. Emphasis is on the director-actor relationship; students will direct at least three fully-realized scenes, typically drawn from Shakespeare, Chekhov, or other playwrights. Students may have the opportunity to make devised work, and will collaborate with students in the Advanced Acting class. Required for, but not limited to, students undertaking a senior thesis in directing. Fulfills additional directing coursework in Theatre/Drama and Theatre Arts major.

THTR UN3203 COLLABORATION:DIRCTNG/DESIGN. 3.00 points.

Prerequisites: Permission of instructors given at first meeting; enrollment limited to 24. Course focuses on developing both technical and collaborative skills of directors and designers. Students are assigned to different roles in creative teams working on a series of at least three fully realized and designed scenes. Introduction to various design disciplines and directing practice. May be counted as one course in either directing or a design toward the three courses in performance fields for

Theatre/Drama and Theatre Arts majors; counts as second or third course in either directing or design

Spring 2023: THTR UN3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3203	001/00076	F 2:10pm - 5:00pm 229 Milbank Hall	Kara Feely, Alice Reagan	3.00	10/16

THTR UN3211 Performance Lab. 4 points.

Not offered during 2022-23 academic year.

Prerequisites: Enrollment limited to 12 students. Course typically involves visiting critics/scholars/artists in developing experimental theatrical work.

THTR UN3300 PLAYWRITING WORKSHOP. 3.00 points.

Prerequisites: Permission of the instructor given at first class meeting. Students will create and workshop plays, with a focus on learning new approaches to language and structure. Recommended for students undertaking a senior thesis in playwriting. Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: playwriting

Fall 2022: THTR UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3300	001/00153	M 4:10pm - 6:00pm L1105 Diana Center	Andrew Bragen	3.00	12/14

THTR UN3301 PLAYWRITING LAB. 3.00 points.

Students will develop original dramatic scripts. Students will also read drafts of writers currently produced on New York stages to understand why changes and rewrites were made. Recommended for students undertaking a senior thesis in playwriting. Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: playwriting

Spring 2023: THTR UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3301	001/00077	M 4:10pm - 6:00pm L1105 Diana Center	Andrew Bragen	3.00	11/12

THTR UN3401 SOUND DESIGN. 3.00 points.

Prerequisites: Permission of instructor given at first class meeting. Studies the art and practice of designing sound and scoring music for dramatic performance. Students study the relationship between concert and incidental music, and read plays toward the production of a score for live theatre. Students also read broadly in the fields of sound, music, acoustics, and the cultural analysis of sound as a component of performance. Background in music or composition not essential. . Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: design

Fall 2022: THTR UN3401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3401	001/00154	M 1:10pm - 4:00pm L1105 Diana Center	Daniel Baker	3.00	13/12

THTR UN3402 COSTUME DESIGN. 3.00 points.

Studio course exploring designing costumes for the stage. Students become familiar with textual and character analysis, research, sketching and rendering, swatching and introductory costume history. Fulfills one course in Design for Theatre/Drama and Theatre Arts majors Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: design. Application Instructions: E-mail the instructor with the title of the course in the subject line. In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will admit them as spaces become available

Spring 2023: THTR UN3402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3402	001/00078	F 11:00am - 1:50pm 230 Milbank Hall	Sandra Goldmark	3.00	11/12

THTR UN3403 LIGHTING DESIGN. 3.00 points.

Prerequisites: Enrollment limited to 12 students. Focuses on both the technical and creative aspects of theatrical lighting design. Students will learn the role of lighting within the larger design and performance collaboration through individual and group projects, readings, hands-on workshops, and critique of actual designs. Fulfills one course in Design for Theatre/Drama and Theatre Arts majors. Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: design Application Instructions: E-mail the instructor (acasey@barnard.edu) with the title of the course in the subject line. In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will admit them as spaces become available

Spring 2023: THTR UN3403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3403	001/00079	T 9:35am - 11:50am 229 Milbank Hall	Autum Casey	3.00	11/12

THTR UN3404 SCENE DESIGN. 3.00 points.

Prerequisites: Enrollment limited to 12 students. Permission of instructor given at first class meeting. Introduction to designing for the theatre. The course will focus on set design, developing skills in script analysis, sketching, model making, storyboarding and design presentation. Some investigation into theatre architecture, scenic techniques and materials, and costume and lighting design. Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: design

Fall 2022: THTR UN3404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3404	001/00155	F 11:00am - 1:50pm 230 Milbank Hall	Sandra Goldmark	3.00	14/12

THTR UN3405 PROBLEMS IN DESIGN. 3.00 points.

Prerequisites: Some design experience is helpful, though not required. Enrollment limited to 12 students. Studio-based course explores the main elements of theatrical design: sets, costumes, lighting, and sound through objects, materials, theatrical and non-theatrical environments. Students examine these design elements as both individual and interrelated components within a performance. Fulfills one course in Design requirement for Theatre/Drama and Theatre Arts majors. Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: design

Fall 2022: THTR UN3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3405	001/00315	W 2:10pm - 5:00pm 229 Milbank Hall	Kara Feely	3.00	11/12

THTR UN3406 Media & Production Design. 3 points.

Uses analysis and design to explore how media and projections can be used to construct narrative in theatre and support non-narrative forms of performance. Digital and analog media are explored for their potentials and limitations. Students learn how the media is produced and transmitted will be discussed as part of creating a video design. Students will produce projection projects using different kinds of media during the course requiring work outside of class time. Fulfills one of three courses in performance fields for Theatre/Drama and Theatre Arts majors: design.

THTR UN3997 SENIOR THESIS IN PERFORMANCE.**4.00 points.**

Prerequisites: Appropriate coursework and substantial production experience, including a major crew assignment in the junior year. Enrollment limited to senior Theatre majors. Combined and special majors may be considered under exceptional circumstances. Permission of the instructor required. Students register for this course to pursue approved theses in acting, design, directing, dramaturgy, solo performance, or stage and production management. Students will act in, direct, design, stage manage or dramaturg a play in the Barnard Department of Theatre season, or write a short play or solo performance piece that will be produced (according to departmental guidelines) in the Senior Thesis Festival. Collaboration is expected and students will meet weekly with faculty and other seniors. A written proposal must be submitted in the spring of the junior year and be approved. In addition to the performance, an extensive written Casebook is required: see departmental guidelines

Fall 2022: THTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3997	001/00156	M 12:10pm - 2:00pm LI200 Diana Center	Crystal Finn	4.00	2/16
THTR 3997	002/00157	F 2:10pm - 5:00pm 230 Milbank Hall	Sandra Goldmark	4.00	0/16
THTR 3997	003/00158	F 2:10pm - 5:00pm 230 Milbank Hall	Michael Banta	4.00	1/16

Spring 2023: THTR UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3997	001/00080	M 12:10pm - 2:00pm 229 Milbank Hall	Crystal Finn	4.00	1/20
THTR 3997	002/00081	F 2:10pm - 5:00pm 230 Milbank Hall	Sandra Goldmark	4.00	1/20
THTR 3997	003/00083	F 2:10pm - 5:00pm 230 Milbank Hall	Michael Banta	4.00	1/20
THTR 3997	004/00084	M 2:10pm - 4:00pm 230 Milbank Hall	Andrew Bragen	4.00	1/20
THTR 3997	005/00085	T Th 2:10pm - 4:00pm 229 Milbank Hall	Kyle deCamp	4.00	3/20

THTR UN3998 SENIOR THESIS IN RESEARCH. 4.00 points.

Prerequisites: Enrollment limited to senior Theatre majors. Combined and special majors may be considered under exceptional circumstances. Permission of the instructor required.

Prerequisites: Enrollment limited to senior Theatre majors. Combined and special majors may be considered under exceptional circumstances. Permission of the instructor required. In-depth research project culminating in a substantial written thesis on any aspect of drama, performance, or theatre research

Fall 2022: THTR UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3998	001/00159		William Worthen	4.00	1/16

Spring 2023: THTR UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3998	001/00086		0. FACULTY	4.00	0/5

ENTA GU4625 SHAKESPEARE PERFORMANCE STUDIES. 4.00 points.

This course will work across three general approaches to Shakespearean drama and performance. First, we'll consider the historical forms of performance that have used Shakespearean drama as the material for theatrical endeavor. Second, we'll consider theoretical paradigms for performance that resituate an understanding that privileges either the "theatrical" or the "literary" identity of Shakespeare's plays. And, finally, we'll consider how we might consider the plays as themselves theoretical instruments for thinking about performance.

Throughout the semester we will consider stage, film, and online productions, and the ways they articulate a sense of both "Shakespeare" and "performance." This course is a seminar, and while there is no formal prerequisite, students who have had a previous Shakespeare course will find the reading more manageable: we will rarely be doing the kind of "overview" of a play, but will be incisively considering specific elements of performance. Application Instructions: E-mail the instructor wworthen@barnard.edu with the title of the course in the subject line. In your message, include basic information: your name, school, major, year of study, and relevant courses taken,

along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will admit them as spaces become available

THTR UN3999 INDEPENDENT STUDY. 1.00-4.00 points.

Prerequisites: Permission of the instructor and the chair required.

Prerequisites: Permission of the instructor and the chair required. Students submit, before the semester begins, a detailed proposal for independent research to a faculty sponsor

EARTH AND ENVIRONMENTAL SCIENCES

Departmental Offices:

556-7 Schermerhorn Hall Extension | 212-854-4525
106 Geoscience, Lamont-Doherty Earth Observatory | 845-365-8550
<http://eesc.columbia.edu>

Chair of Department:

Prof. Jerry McManus jmcmanus@ldeo.columbia.edu

Directors of Undergraduate Studies:

Prof. Meredith Nettles and Prof. Terry Plank dees-dus@columbia.edu

Director of Academic Administration and Finance:

Kaleigh Matthews
107 Geoscience, Lamont-Doherty Earth Observatory
845-365-8551 | kaleighm@ldeo.columbia.edu

Undergraduate Program Manager:

Anastasia Yankopoulos, 557 Schermerhorn Hall Extension
212-854-3614 | a.t.yankopoulos@columbia.edu
(aty2113@columbia.edu)

The undergraduate major in Earth and environmental sciences provides an understanding of the natural functioning of our planet and considers the consequences of human interactions with it. Our program for majors aims to convey an understanding of how the complex Earth system works at a level that encourages students to think creatively about the Earth system processes and how to address multidisciplinary environmental problems. The breadth of material covered provides an excellent background for those planning to enter the professions of law, business, diplomacy, public policy, teaching, journalism, etc. At the same time, the program provides sufficient depth so that our graduates are prepared

for graduate school in one of the Earth sciences. The program can be adjusted to accommodate students with particular career goals in mind.

The department's close affiliations with the Lamont-Doherty Earth Observatory, the American Museum of Natural History (AMNH), NASA's Goddard Institute for Space Studies (GISS), the Earth Institute at Columbia (EI), and several departments within the Fu Foundation School of Engineering and Applied Sciences afford opportunities for student participation in a wide variety of current research programs. Summer employment, research, and additional educational opportunities are available at Lamont and GISS. The department encourages majors to become involved in a research project by their junior year.

All majors and concentrators, when planning their programs of study, should regularly consult the directors of undergraduate studies and make themselves aware of the requirements for their particular program.

PROGRAMS OF STUDY

Environmental Science Major

The environmental science major curriculum provides an introduction to a variety of fields of study relevant to the environment. Environmental science majors are required to take three semesters of introductory courses and to develop a grounding in basic physics, chemistry, biology, and mathematics. Here, students may select courses depending on their interest. With this introduction to the Earth's environment and equipped with a knowledge of the basic sciences, students are prepared to choose a set of upper-level courses in consultation with an undergraduate adviser. All environmental science majors are required to complete a research project, providing a practical application of mastered course work. This research culminates in a senior thesis. The research and the thesis are usually done at Lamont-Doherty Earth Observatory with guidance from a faculty member or a research scientist. However, other options are also possible.

Environmental science majors have an option to complete the special concentration in environmental biology for environmental science majors.

Earth Science Major

The major in Earth science follows a similar rationale but is designed to allow students to pursue particular fields of the Earth sciences in greater depth. Compared with the environmental science major, one fewer introductory course is required, while one additional advanced course should be part of the plan of study. The Earth science major also offers the possibility of in-depth field experience through a six- to eight-week geology summer field course, arrangements for which are made through another university. The research and senior thesis capstone requirements are the same as for the environmental science major. The geology summer field course may be used

as an alternative means of fulfilling the capstone requirement in the Earth science major.

Climate System Science Major

The climate system science major is designed for students who are interested in how the past, present, and future climate system works *and* in solution strategies for the rapidly accelerating climate crisis. The overall goal is to establish the fundamental sciences at the core of the climate system, and to inspire solution-oriented analytical thinking and expertise. The flexible course structure combines geology, physics, biology, chemistry, and math with a core in climate system science and climate solution, justice, policy and communication courses. Sample tracks through the major in sea level change, decarbonization and modern climate link to the mission and applied centers of Columbia's Climate School. We believe that any admitted student has the potential to succeed in climate science.

Climate System Science majors begin with foundational courses in the climate system and introductory courses in global warming, oceanography or other relevant topics. Supporting courses include a grounding in calculus and natural sciences. Five climate core courses include both paleoclimate and modern climate requirements, as well as three other electives. Students pursue topics in climate solutions, policy, justice and communication in courses outside the sciences, in architecture, economics, political science or engineering. All climate system science majors are required to complete a capstone experience, which can include a field course or independent research project, typically at Lamont-Doherty Earth Observatory with guidance from a leading climate scientist.

Concentrations

The program for concentrators serves students who want more exposure to Earth and environmental science than is provided by introductory-level courses. The program aims to provide concentrators with experience in data analysis and a thorough introduction to the Earth's systems.

The concentrations in environmental science and in Earth science are designed to give students an understanding of how the Earth works and an introduction to the methods used to investigate Earth processes, including their capabilities and limitations. Concentrators often join the social professions (e.g., business, law, medicine, etc.) and take with them a strong scientific background. They take the same introductory courses as the majors, but fewer basic science and upper-level courses are required.

In addition to the environmental science and Earth science concentrations, the department sponsors a special concentration which must be done in conjunction with the environmental biology major. Students should be aware that they must complete the environmental biology major in order to receive credit for the special concentration. There is also a special concentration in environmental biology for environmental

science majors sponsored by the Department of Ecology, Evolution, and Environmental Biology.

DEPARTMENTAL HONORS

The Department of Earth and Environmental Science awards departmental honors to the major or majors in Earth science or environmental science judged to have the best overall academic record. The award is accorded to no more than 10% of the graduating class, or one student in the case of a class smaller than 10. A grade point average of at least 3.6 in the major and a senior thesis or equivalent research of high quality are required. Students who wish to be considered should contact the director of undergraduate studies early in their senior year.

PROFESSORS

Nicholas Christie-Blick
 Joel E. Cohen
 Peter B. de Menocal
 Hugh Ducklow
 Sonya Dyhrman
 Peter Eisenberger
 Göran Ekström
 Arlene M. Fiore
 Steven L. Goldstein
 Arnold L. Gordon
 Kevin L. Griffin
 Alex Halliday
 Sidney R. Hemming (Chair)
 Bärbel Hönlisch
 Peter B. Kelemen
 Folarin Kolawole
 Galen McKinley
 Jerry F. McManus (Associate Chair)
 William H. Menke
 John C. Mutter
 Meredith Nettles
 Paul E. Olsen
 Terry A. Plank
 Lorenzo M. Polvani
 G. Michael Purdy
 Peter Schlosser
 Christopher H. Scholz
 Adam H. Sobel
 Sean C. Solomon
 Marc Spiegelman
 Martin Stute (Barnard)
 Maria Tolstoy
 Renata Wentzcovich

ASSOCIATE PROFESSORS

Ryan Abernathey
 Kerry Key
 Heather Savage

ASSISTANT PROFESSORS

Jacqueline Austermann
Roisin Commane
Jonathan Kingslake
Yves Moussallam

ADJUNCT PROFESSORS

Robert F. Anderson
W. Roger Buck IV
Denton Ebel
John J. Flynn
James Gaherty
Lisa M. Goddard
Arthur Lerner-Lam
Alberto Malinverno
Douglas G. Martinson
Ronald L. Miller
Mark A. Norell
Dorothy M. Peteet
Maureen Raymo
Andrew Robertson
Joerg M. Schaefer
Christopher Small
Minfang Ting
Felix Waldhauser
Spahr C. Webb
Gisela Winckler

ADJUNCT ASSOCIATE PROFESSORS

Alessandra Giannini
Andrew Juhl

LECTURERS

Pietro Ceccato
Cornelia Class
Andreas Turnherr
Kevin Uno
Christopher Zappa

ASSOCIATES

Erin Coughlin
Brian Kahn
Andrew Kruczkiewicz
Catherine Vaughan

EMERITUS

Mark Cane
James Hays
Paul Richards
Lynn Sykes
David Walker

GUIDELINES FOR ALL EARTH SCIENCE, ENVIRONMENTAL SCIENCE, AND CLIMATE SYSTEM SCIENCE MAJORS, CONCENTRATORS, AND SPECIAL CONCENTRATORS

Advising

All majors and concentrators, when planning their programs of study, should regularly consult the directors of undergraduate studies, who can be contacted through the department office on the fifth floor of Schermerhorn. The requirements are different for each major and concentration and must be met in conjunction with the general requirements for the bachelor's degree. Declaration of the major must be approved by the department and filed in the departmental office.

Substitutions and Exceptions

1. Higher-level courses may be used to satisfy supporting mathematics and science requirements for students with Advanced Placement preparation with the permission of the major adviser.
2. In addition to the courses listed for the depth, and breadth and related courses requirements, several graduate-level courses offered in the department as well as several advanced courses offered at Barnard may be substituted with the permission of the major adviser.
3. 1000-level courses in the Earth and Environmental Sciences Department can not be used toward meeting the requirements of any of the majors, concentrations, or special concentrations.
4. The following course is not suitable for undergraduates and can not be used toward meeting any of the requirements for the majors, concentrations, or special concentrations: EESC GU4930 EARTH'S OCEANS # ATMOSPHERE.

Grading

A grade of C- or better must be obtained for a course to count toward the majors, concentrations, or special concentrations. The grade of P is not acceptable, but a course taken Pass/D/Fail may be counted if and only if the P is uncovered by the Registrar's deadline.

MAJOR IN EARTH SCIENCE

Please read Guidelines for all Earth Science, Environmental Science, & Climate System Science Majors, Concentrators, and Special Concentrators (p. 388) above.

The major in Earth science requires a minimum of 45.5 points, distributed as follows:

Foundation Courses

EESC UN2100 EARTH'S ENVIRO SYST: CLIM SYST

EESC UN2200 EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

Students who wish to take both EESC UN2100 EARTH'S ENVIRO SYST: CLIM SYST and EESC UN2300 EARTH'S ENVIRO SYST: LIFE SYST can include one of these under breadth and related fields below.

Supporting Mathematics and Science Courses

One semester of Calculus at the level of Calculus I or higher (3 credits)

MATH UN1101 CALCULUS I

Select one of the following three-course sequences:

CHEM UN1403 GENERAL CHEMISTRY I-LECTU
- CHEM UN1404 and GENERAL CHEMISTRY II-LECTURES
- PHYS UN1201 and GENERAL PHYSICS I

CHEM UN1403 GENERAL CHEMISTRY I-LECTU
- PHYS UN1201 and GENERAL PHYSICS I
- PHYS UN1202 and GENERAL PHYSICS II

Capstone Experience

Select one of the following:

EESC BC3800 ENVIR SCIENCE SENIOR SEMINAR
- EESC UN3901 and SENIOR SEMINAR

EESC BC3801 ENVIR SCIENCE SENIOR SEM II
- EESC UN3901 and SENIOR SEMINAR

A six to eight week summer geology field course

Breadth and Related Fields Requirement

A minimum of 6 points (two courses) chosen with the major adviser are required.

Breadth and related field courses are science courses relevant for an Earth science major that do not require an Earth science background. Several such courses are offered at the 2000-, 3000- and 4000-level in the department and at Barnard. Examples include:

EESC UN2100 EARTH'S ENVIRO SYST: CLIM SYST

EESC UN2300 EARTH'S ENVIRO SYST: LIFE SYST

EESC UN3010 FIELD GEOLOGY

EESC BC3017 ENVIRONMENTAL DATA ANALYSIS

EESC GU4050 GLOBAL ASSMT-REMOTE SENSING

EESC GU4600 EARTH RESOURCES # SUSTAIN DEV

EESC GU4917 THE EARTH/HUMAN INTERACTIONS

EAEE E2002 ALTERNATIVE ENERGY RESOURCES

Also included among breadth and related fields courses are science, mathematics, statistics, and engineering courses offered by other departments that count toward fulfilling degree requirements in those departments.

Depth Requirement

A minimum of 12 points (four courses) chosen with the major adviser to provide depth in the field of Earth science.

These courses build on the foundation and supporting courses listed above and provide a coherent focus in some area of Earth science. Students should include at least one of the following in their course of study:

EESC UN3101 Geochemistry for a Habitable Planet

or EESC UN3201 SOLID EARTH DYNAMICS

Areas of focus include one of the courses listed above and three or more additional courses. Students are not required to specialize in a focus area, but examples are given below for those who choose to do so.

Geological Science

EESC GU4090 INTRO TO GEOCHRONOLGY

EESC GU4113 INTRODUCTION TO MINERALOGY I

EESC GU4223 SEDIMENTARY GEOLOGY

EESC GU4230 CRUSTAL DEFORMATION

EESC GU4701 Introduction to Igneous Petrology

EESC GU4887 ISOTOPE GEOLOGY I

EESC GU4947 PLATE TECTONICS

It is strongly recommended that students focusing in geological science take the summer geology field course as their capstone experience.

Geochemistry

EESC UN3015 The Earth's Carbon Cycle

EESC BC3016 ENVIRONMENTAL MEASUREMENTS

EESC BC3200 Ecotoxicology

EESC GU4090 INTRO TO GEOCHRONOLGY

EESC GU4113 INTRODUCTION TO MINERALOGY I

EESC GU4701 Introduction to Igneous Petrology

EESC GU4885 CHEMISTRY OF CONTINENTAL WATERS

EESC GU4887 ISOTOPE GEOLOGY I

EESC GU4926 INTRO TO CHEMICAL OCEANOGRAPHY

It is recommended that students focusing in geochemistry take CHEM UN1403-CHEM UN1404 General Chemistry I and II, and PHYS UN1201 General Physics I as their supporting science sequence.

Atmosphere and Ocean Science

EESC GU4008	Introduction to Atmospheric Science
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4925	Principles of Physical Oceanography
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

It is recommended that students focusing on atmosphere and ocean science also take a course in fluid dynamics and a course in differential equations.

Solid Earth Geophysics

EESC GU4230	CRUSTAL DEFORMATION
EESC GU4300	THE EARTH'S DEEP INTERIOR
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY
EESC GU4947	PLATE TECTONICS
EESC GU4949	Introduction to Seismology

It is recommended that students focusing in solid Earth geophysics take PHYS UN1201-PHYS UN1202 General Physics I and II, and CHEM UN1403 General Chemistry I as their supporting science sequence and also take MATH UN1201 Calculus II.

Climate

EESC UN3015	The Earth's Carbon Cycle
EESC BC3025	HYDROLOGY
EESC GU4008	Introduction to Atmospheric Science
EESC GU4330	Introduction to Terrestrial Paleoclimate
EESC GU4835	Wetlands and Climate Change
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4925	Principles of Physical Oceanography
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY

Paleontology

EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4550	Plant Ecophysiology
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY

It is recommended that students focusing in paleontology take EESC UN2300 Earth's Environmental Systems: The Life System, as one of their foundation courses.

MAJOR IN ENVIRONMENTAL SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, & Climate System Science Majors, Concentrators, and Special Concentrators](#) (p. 388) above.

The major in environmental science requires a minimum of 47 points, distributed as follows:

Foundation Courses

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

Supporting Mathematics and Science Courses

One semester of Calculus at the level of Calculus I or higher (3 credits)

MATH UN1101	CALCULUS I
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Select one of the following three-course sequences:

CHEM UN1403 - CHEM UN1404 - PHYS UN1201	GENERAL CHEMISTRY I-LECTU and GENERAL CHEMISTRY II-LECTURES and GENERAL PHYSICS I
CHEM UN1403 - PHYS UN1201 - PHYS UN1202	GENERAL CHEMISTRY I-LECTU and GENERAL PHYSICS I and GENERAL PHYSICS II
CHEM UN1403 - EEBB UN2001 - PHYS UN1201	GENERAL CHEMISTRY I-LECTU and ENVIRONMENTAL BIOLOGY I and GENERAL PHYSICS I

Capstone Experience

EESC BC3800	ENVIR SCIENCE SENIOR SEMINAR
or EESC BC3801	ENVIR SCIENCE SENIOR SEM II
EESC UN3901	SENIOR SEMINAR

Breadth and Related Fields Requirement

A minimum of 6 points (two courses) chosen with the major adviser are required.

Breadth and related field courses are science courses relevant for an environmental science major that do not require an environmental science background. Several such courses are offered at the 2000-, 3000- and 4000-level in the department and at Barnard. Examples include:

EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
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EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
EESC GU4917	THE EARTH/HUMAN INTERACTIONS
EESC UN3010	FIELD GEOLOGY

Also included among breadth and related fields courses are science, mathematics, statistics, and engineering courses offered by other departments that count toward fulfilling degree requirements in those departments.

Depth Requirement

A minimum of 9 points (three courses) chosen with the major adviser to provide depth in the field of environmental science.

These courses build on the foundation and supporting courses listed above and provide a coherent focus in some area of environmental science. Students should include at least one of the following in their course of study:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	SOLID EARTH DYNAMICS

Areas of focus include one of the courses listed above and two or more additional courses. Students are not required to specialize in a focus area, but examples are given below for those who choose to do so.

Environmental Geology

EESC GU4076	Geologic Mapping
EESC GU4480	Paleobiology and Earth System History

EAEE E3221

It is recommended that students focusing in environmental geology also take EESC W4050 Remote Sensing.

Environmental Geochemistry

EESC UN3015	The Earth's Carbon Cycle
EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC GU4887	ISOTOPE GEOLOGY I
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4888	Stable Isotope Geochemistry
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

Hydrology

EESC GU4076	Geologic Mapping
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC BC3025	HYDROLOGY
EAEE E3221	

Climate Change

EESC UN3015	The Earth's Carbon Cycle
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EESC GU4008	Introduction to Atmospheric Science
EESC GU4330	Introduction to Terrestrial Paleoclimate
EESC GU4480	Paleobiology and Earth System History
EESC GU4835	Wetlands and Climate Change
EESC GU4920	PALEOCEANOGRAPHY
It is recommended that students focusing in environmental geology also take EESC GU4050 Remote Sensing.	
Energy and Resources	
EESC GU4076	Geologic Mapping
EESC GU4701	Introduction to Igneous Petrology
EAEE E2002	ALTERNATIVE ENERGY RESOURCES

MAJOR IN CLIMATE SYSTEM SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, & Climate System Science Majors, Concentrators, and Special Concentrators](#) (p. 388) above.

The major in climate system science requires a minimum of 43.5 points, distributed as follows:

Foundational Courses

7.5 points minimum (2 courses):

Required:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
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And any one of:

EESC UN1009	GLOBAL WARMING FOR GLOBAL LEADERS
EESC UN1030	OCEANOGRAPHY
EESC UN1201	Environmental Risks and Disasters
EESC UN1600	EARTH RESOURCES # SUSTAIN DEV
or EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

Supporting Courses

12 points minimum (4 courses):

One semester of Calculus at the level of Calculus I or higher:

MATH UN1101	CALCULUS I
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And any three courses:

PHYS UN1201	GENERAL PHYSICS I
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PHYS UN1202	GENERAL PHYSICS II
CHEM UN1403	GENERAL CHEMISTRY I-LECTU
CHEM UN1404	GENERAL CHEMISTRY II-LECTURES
EEEB UN2001	ENVIRONMENTAL BIOLOGY I
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

Climate System Core

15 points minimum (five courses):

Required: at least one Paleoclimate Course

EESC GU4235	SEA LEVEL CHANGE
EESC GU4330	Introduction to Terrestrial Paleoclimate
EESC GU4480	Paleobiology and Earth System History
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY

Required: at least one Modern Climate Course

EESC UN3109	CLIMATE PHYSICS
EESC GU4008	Introduction to Atmospheric Science
EESC GU4020	HUMANS # THE CARBON CYCLE
EESC GU4040	CLIM THERMODYN/ENERGY TRANSFER
EESC GU4925	Principles of Physical Oceanography
EESC GU4930	EARTH'S OCEANS # ATMOSPHERE

Could include: Other Climate System Course

EESC BC3109	Hydrology
EESC UN3101	Geochemistry for a Habitable Planet
EESC UN3201	SOLID EARTH DYNAMICS
EESC GU4220	GLACIOLOGY
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC GU4923	Biological Oceanography
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

Could include one: Supporting EESC Course

EESC UN3400	COMPUTATIONAL EARTH SCIENCE
EESC GU4210	GEOPHYSICAL FLUID DYNAMICS
EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4230	CRUSTAL DEFORMATION

EESC GU4887	ISOTOPE GEOLOGY I
EESC GU4888	Stable Isotope Geochemistry

Climate Solutions, Justice, Policy and Communication

6 points minimum (any two courses below):

Solutions Courses

EESC BC3045	RESPONDING TO CLIMATE CHANGE (Barnard College)
ARCH UN3120	CITY, LANDSCAPE, # ECOLOGY
EAEE E2002	ALTERNATIVE ENERGY RESOURCES
EAEE E2100	A BETTER PLANET BY DESIGN
EAEE E4001	INDUST ECOLOGY-EARTH RESOURCES
EAEE E4002	ALTERNATIVE ENERGY RESOURCES
EAEE E4006	Field methods for environmental engineering
EAEE E4300	INTRO TO CARBON MANAGEMENT
EAEE E4302	CARBON CAPTURE
EAEE E4301	CARBON STORAGE
EAEE E4305	CO2 UTILIZATION AND CONVERSION
CIEE E3250	HYDROSYSTEMS ENGINEERING
MECE E4211	ENERGY SOURCES AND CONVERSION
SDEV GU4250	CLIMATE CHANGE: RESILIENCE # ADAPTATION

Climate Justice, Policy, Economics

ANTH BC3932	CLIMATE CH./GLOB. MIGRATION/HUMAN RIGHTS (Barnard College)
ANTH V3861	Anthropology of the Anthropocene
ARCH UN3400	ENVIRONMENTAL VISUALIZATIONS OF NYC
ECON BC3039	ENVIRONMENTAL & NAT. RES. ECONOMICS (Barnard College)
ECON BC3040	ENVIRONMENTAL LAW (Barnard College)
ECON UN2257	THE GLOBAL ECONOMY
ECON GU4750	GLOBALIZATION # ITS RISKS
POLS UN3648	GOVERNING THE GLOBAL ECONOMY
POLS GU4814	GLOBAL ENERGY: SECURITY/GEOPOL
POLS GU4863	INTERNATIONAL POLITICAL ECONOMY OF DEVELOPING COUNTRIES
SDEV UN3355	CLIMATE CHANGE AND LAW

SDEV UN3360	DISASTERS AND DEVELOPMENT
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Climate System Capstone

3 points minimum (one course):

EESC 3xxx Undergraduate Research Project (course is under development)

EESC UN3901	SENIOR SEMINAR (taken twice, in fall and spring)
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or EESC BC3800 followed by EESC UN3901

Approved Field Course focused on the Climate System

~6 weeks, must be proposed and then approved by DUS

CONCENTRATION IN EARTH SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, & Climate System Science Majors, Concentrators, and Special Concentrators](#) (p. 388) above.

The concentration in Earth science requires a minimum of 25 points, distributed as follows:

Foundation Courses

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
or EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

Supporting Mathematics and Science Courses

Two science or mathematics courses (6-7 points) selected from among those listed for the Earth science major above.

Depth and Breadth and Related Fields Requirements

A minimum of 10 points (typically three courses) is required as follows:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	SOLID EARTH DYNAMICS

One additional course chosen from those listed under Depth Requirement for the earth science major above.

The third course selected from those listed under either Depth Requirement or Breadth and Related Fields Requirement for the earth science major above.

CONCENTRATION IN ENVIRONMENTAL SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, & Climate System Science Majors, Concentrators, and Special Concentrators](#) (p. 388) above.

The concentration in environmental science requires a minimum of 25.5 points, distributed as follows:

Foundation Courses

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

Supporting Mathematics and Science Courses

Two science or mathematics courses (6-7 points) selected from among those listed for the environmental science major above.

Depth and Breadth and Related Fields Requirements

A minimum of 6 points (two courses) is required as follows:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	SOLID EARTH DYNAMICS

One additional course selected from those listed under either Depth Requirement or Breadth and Related Fields Requirement for the environmental science major above.

SPECIAL CONCENTRATION IN ENVIRONMENTAL SCIENCE FOR MAJORS IN ENVIRONMENTAL BIOLOGY

Please read [Guidelines for all Earth Science, Environmental Science, & Climate System Science Majors, Concentrators, and Special Concentrators](#) (p. 388) above.

The Department of Earth and Environmental Sciences sponsors a special concentration which must be done in conjunction with the environmental biology major. Students should be aware that they must complete the environmental biology major in order to receive credit for the special concentration.

The special concentration in environmental science requires a minimum of 31.5 points, distributed as follows:

Introductory Environmental Science (13.5 points)

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
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EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

Introductory Science (6 points)

Two courses in chemistry, physics, mathematics, or environmental biology from the supporting mathematics and science list for the environmental science major above.

Advanced Environmental Science (12 points)

Four courses at the 3000-level or above chosen from those recommended for the environmental science major above.

Advanced courses used to fulfill requirements in the environmental biology major cannot count toward requirements for the special concentration.

SPECIAL CONCENTRATION IN ENVIRONMENTAL BIOLOGY FOR MAJORS IN ENVIRONMENTAL SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, & Climate System Science Majors, Concentrators, and Special Concentrators](#) (p. 388) above.

The Department of Ecology, Evolution, and Environmental Biology sponsors a special concentration which must be done in conjunction with the environmental science major. Students should be aware that they must complete the environmental science major in order to receive credit for the special concentration.

The special concentration in environmental biology requires a minimum of 39 points, distributed as follows:

Introductory Environmental Biology and Environmental Science (17 points)

EEEB UN2001	ENVIRONMENTAL BIOLOGY I
EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EEEB UN2002	ENVIRONMENTAL BIOLOGY II

Introductory Science (13 points)

Select one of the following chemistry sequences:

CHEM UN1403 - CHEM UN1404	GENERAL CHEMISTRY I-LECTU and GENERAL CHEMISTRY II-LECTURES
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CHEM UN1604 - CHEM UN2507	2ND TERM GEN CHEM (INTENSIVE) and Intensive General Chemistry Laboratory
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One term of statistics such as the following:

STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS
BIOL BC2286	Statistics and Research Design
EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
EEEB UN3087	CONSERVATION BIOLOGY

Advanced Environmental Biology (9 points)

Three additional advanced EEEB courses (3000-level and above), each chosen from a different curricular area (evolution/genetics, ecology/behavior/conservation, anatomy/physiology/diversity, biology laboratory courses).

Advanced courses used to fulfill requirements in the environmental science major cannot count toward requirements for the special concentration.

Sustainable Development

Students interested in sustainable development should refer to the *Sustainable Development* section in this Bulletin.

FALL 2022

EESC UN1001 DINOSAURS AND HISTORY OF LIFE. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: Recommended preparation: basic high school science and math.

Prerequisites: Recommended preparation: basic high school science and math. Lab is a hands-on introduction to geochronology, paleontology, and historical geology with field trips. (See W1401 for lectures only.) Dinosaurs: a spectacular example of a common, highly successful form of life, dominant for 135 million years. Where did they come from? Why were they so successful? Why did they die out? ... or did they? A basic introduction to the historical sciences and the interface between geology and biology

Fall 2022: EESC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1001	001/11574	M W 1:10pm - 2:25pm 402 Chandler		4.00	22/40
EESC 1001	001/11574	M 4:10pm - 7:00pm 603 Schermerhorn Hall		4.00	22/40

EESC UN1030 OCEANOGRAPHY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment limited to 160.

Explore the geology of the sea floor, understand what drives ocean currents and how ocean ecosystems operate. Case studies and discussions centered on ocean-related issues facing society

Fall 2022: EESC UN1030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1030	001/11575	T Th 2:40pm - 3:55pm 501 Northwest Corner	Baerbel Hoenisch	3.00	127/160

EESC UN1401 DINOSAUR # HISTORY OF LIFE-LEC.

3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: Recommended preparation: basic high school science and math.

Prerequisites: Recommended preparation: basic high school science and math. Dinosaurs: a spectacular example of a common, highly successful form of life, dominant for 135 million years. Where did they come from? Why were they so successful? Why did they die out? ... or did they? A basic introduction to the historical sciences and the interface between geology and biology

Fall 2022: EESC UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1401	001/11576	M W 1:10pm - 2:25pm 402 Chandler	Paul Olsen	3.00	76/100

EESC UN1600 EARTH RESOURCES # SUSTAIN DEV.

3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: none; high school chemistry recommended.

Prerequisites: none; high school chemistry recommended.

Survey of the origin and extent of mineral resources, fossil fuels, and industrial materials, that are non renewable, finite resources, and the environmental consequences of their extraction and use, using the textbook *Earth Resources and the Environment*, by James Craig, David Vaughan and Brian Skinner. This course will provide an overview, but will include focus on topics of current societal relevance, including estimated reserves and extraction costs for fossil fuels, geological storage of CO₂, sources and disposal methods for nuclear energy fuels, sources and future for luxury goods such as gold and diamonds, and special, rare materials used in consumer electronics (e.g. :Coltan; mostly from Congo) and in newly emerging technologies such as superconducting magnets and rechargeable batteries (e.g. heavy rare earth elements, mostly from China). Guest lectures from economists, commodity traders and resource geologists will provide real world; input. Discussion Session Required

Fall 2022: EESC UN1600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EESC 1600	001/11577	T Th 1:10pm - 2:25pm 417 International Affairs Bldg	Peter Kelemen	3.00	134/200
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EESC UN2100 EARTH'S ENVIRO SYST: CLIM SYST.

4.50 points.

Prerequisites: high school algebra. Recommended preparation: high school chemistry and physics; and one semester of college science. Origin and development of the atmosphere and oceans, formation of winds, storms and ocean currents, reasons for changes through geologic time. Recent influence of human activity: the ozone hole, global warming, water pollution. Laboratory exploration of topics through demonstrations, experimentation, computer data analysis, and modeling. Students majoring in Earth and Environmental Sciences should plan to take EESC W2100 before their senior year to avoid conflicts with Senior Seminar

Fall 2022: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/11578	T Th 11:40am - 12:55pm 603 Schermerhorn Hall	Suzana De Camargo, Galen McKinley	4.50	49/50
EESC 2100	001/11578	T 4:10pm - 7:00pm 555 Ext Schermerhorn Hall	Suzana De Camargo, Galen McKinley	4.50	49/50

Spring 2023: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/11149	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.50	55/60
EESC 2100	001/11149	T 4:10pm - 7:00pm 555 Ext Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.50	55/60

EESC UN2200 EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH. 4.50 points.

CC/GS: Partial Fulfillment of Science Requirement

Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be necessary.

Prerequisites: high school algebra and chemistry.

Recommended preparation: high school physics.

Recommended preparation: high school chemistry and physics; and one semester of college science. Exploration of how the solid Earth works, today and in the past, focusing on Earth in the Solar system, continents and oceans, the Earth's history, mountain systems on land and sea, minerals and rocks, weathering and erosion, glaciers and ice sheets, the hydrological cycle and rivers, geochronology, plate tectonics, earthquakes, volcanoes, energy resources. Laboratory exploration of topics through examination of rock samples, experimentation, computer data analysis, field exercises, and modeling. Columbia and Barnard majors should plan to take

W2200 before their senior year to avoid conflicts with the Senior Seminar

Fall 2022: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/11579	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	John Mutter, Jonathan Kingslake	4.50	47/53
EESC 2200	001/11579	Th 4:10pm - 7:00pm 603 Schermerhorn Hall	John Mutter, Jonathan Kingslake	4.50	47/53

Spring 2023: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/11150	T Th 2:40pm - 3:55pm 603 Schermerhorn Hall	Steven Goldstein, Sidney Hemming, Sedelia Rodriguez	4.50	55/53
EESC 2200	001/11150	T 4:10pm - 7:00pm 603 Schermerhorn Hall	Steven Goldstein, Sidney Hemming, Sedelia Rodriguez	4.50	55/53

EESC UN2330 SCIENCE FOR SUSTAINABLE DEVPT. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

The course provides students with the natural science basis to appreciate co-dependencies of natural and human systems, which are central to understanding sustainable development. After completing the course, students should be able to incorporate scientific approaches into their research or policy decisions and be able to use scientific methods of data analysis. The semester will highlight the climate system and solutions from both physical and ecological perspectives; water resources; food production and the cycling of nutrients; and the role of biodiversity in sustainable development. The course emphasizes key scientific concepts such as uncertainty, experimental versus observational approaches, prediction and predictability, the use of models and other essential methodological aspects.

Fall 2022: EESC UN2330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2330	001/11580	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	John Mutter, Jenna Lawrence	3	113/120

EESC UN3101 Geochemistry for a Habitable Planet. 3 points.

Prerequisites: Any 1000-level or 2000-level EESC course; MATH UN1101 Calculus I and CHEM UN1403 General Chemistry I or their equivalents.

The origin, evolution, and future of our planet, based on the book *How to Build a Habitable Planet* by Wallace S. Broecker.

This course will focus on the geochemical processes that built Earth from solar material, led to its differentiation into continents and ocean, and have maintained its surface at a comfortable temperature. Students will participate in a hands-on geochemistry project at Lamont-Doherty Earth Observatory.

Fall 2022: EESC UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3101	001/11581	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Terry Plank	3	18/35

EESC UN3901 SENIOR SEMINAR. 3.00 points.

Prerequisites: *EESC BC3800* or *EESC BC3801* and a good grounding in basic sciences.

Guided, independent, in-depth research culminating in the senior thesis in the spring. Includes discussion about scientific presentations and posters, data analysis, library research methods and scientific writing. Students review work in progress and share results through oral reports. Weekly seminar to review work in progress and share results through oral and written reports

Fall 2022: EESC UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3901	001/11582	Th 4:10pm - 6:00pm 530 Altschul Hall	Sidney Hemming, Jacqueline Austermann	3.00	5/50

Spring 2023: EESC UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3901	001/11154	Th 4:10pm - 6:00pm 530 Altschul Hall	Sidney Hemming, Jacqueline Austermann	3.00	16/40

EESC GU4008 Introduction to Atmospheric Science. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: advanced calculus and general physics, or the instructor's permission.

Basic physical processes controlling atmospheric structure: thermodynamics; radiation physics and radiative transfer; principles of atmospheric dynamics; cloud processes; applications to Earth's atmospheric general circulation, climatic variations, and the atmospheres of the other planets.

Fall 2022: EESC GU4008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4008	001/11583	T 4:10pm - 6:40pm 417 Schermerhorn Hall	Lorenzo Polvani	3	34/45

EESC GU4050 GLOBAL ASSMT-REMOTE SENSING. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment limited to 24. Priority given to graduate students in the natural sciences and engineering.

Prerequisites: Course Cap 20 students. Priority given to graduate students in the natural sciences and engineering. Advanced level undergraduates may be admitted with the instructor's permission. Calculus I and Physics I & II are required for undergraduates who wish to take this course. Prerequisites: Course Cap 20 students. Priority given to graduate students in the natural sciences and engineering. Advanced level undergraduates may be admitted with the instructors permission. Calculus I and Physics I # II are required for undergraduates who wish to take this course. General introduction to fundamentals of remote sensing; electromagnetic radiation, sensors, interpretation, quantitative image analysis and modeling. Example applications in the Earth and environmental sciences are explored through the analysis of remote sensing imagery in a state-of-the-art visualization laboratory

Fall 2022: EESC GU4050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4050	001/11584	Th 5:40pm - 6:55pm 417 Schermerhorn Hall	Christopher Small	3.00	11/20
EESC 4050	001/11584	F 9:00am - 10:45am 558 Ext Schermerhorn Hall	Christopher Small	3.00	11/20

EESC GU4085 GEODYNAMICS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: calculus, differential equations, introductory physics.

An introduction to how the Earth and planets work. The focus is on physical processes that control plate tectonics and the evolution of planetary interiors and surfaces; analytical descriptions of these processes; weekly physical model demonstrations

Spring 2023: EESC GU4085

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4085	001/11156	T Th 2:40pm - 3:55pm 555 Ext Schermerhorn Hall	W Buck	3.00	5/20

EESC GU4113 INTRODUCTION TO MINERALOGY I. 4.00 points.

Prerequisites: introductory geology or the equivalent, elementary college physics and chemistry, or the instructor's permission.

Prerequisites: introductory geology or the equivalent, elementary college physics and chemistry, or the instructors permission. Minerals come in dazzling colors, amazing shapes and with interesting optical effects. But mineralogy is also an essential tool for the understanding of Earth evolution. Minerals represent fundamental building blocks of the Earth system and planetary bodies. Minerals form through geological

and biological processes such as igneous, metamorphic and sedimentary from high to low temperatures, from the deep interior to the Earth's surface and related to volcanism, tectonics, weathering, climate and life. Minerals are one of our most important sources of information on such processes through Earth's history. Minerals also represent important natural resources and are fundamental to the global economy and modern technology as we know it. The goal of this class is to (1) understand the physical and chemical properties of minerals, (2) learn techniques of mineral identification with an emphasis on optical mineralogy, (3) understand the relationship between minerals and the broader geological context

Fall 2022: EESC GU4113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4113	001/11586	T 2:40pm - 4:40pm 506 Schermerhorn Hall	Yves Moussallam	4.00	10/15
EESC 4113	001/11586	T Th 8:40am - 9:55am 506 Schermerhorn Hall	Yves Moussallam	4.00	10/15

EESC GU4330 Introduction to Terrestrial Paleoclimate. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

An overview of the archives in which evidence of terrestrial paleoclimate is preserved, the approaches to developing and applying proxies of climate from these archives, approaches for constraining the time represented by the information, and interpretations that have been developed from such archives. Important archives to be included are ice cores, caves, wetlands, lakes, trees, and moraines. The time interval covered will be mostly the last few tens of thousand years, and chronometers based on radiocarbon, U-series and surface exposure dating will be presented. The course will consist of a formal lecture on one day and a recitation on the second day which will emphasize examples and problem solving.

Fall 2022: EESC GU4330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4330	001/11587	T Th 10:10am - 11:25am 555 Ext Schermerhorn Hall	Jorg Schaefer	3	24/25

EESC GU4600 EARTH RESOURCES # SUSTAIN DEV. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: none; high school chemistry recommended. Prerequisites: none; high school chemistry recommended. This course is open to graduate students, and juniors and seniors within DEES, Sus Dev, Engineering, Chemistry, Physics, and APAM - or with the instructors permission. Survey of the origin and extent of mineral resources, fossil fuels, and industrial materials, that are non renewable, finite resources, and the environmental consequences of their extraction and use, using

the textbook *Earth Resources and the Environment*, by James Craig, David Vaughan and Brian Skinner. This course will provide an overview, but will include focus on topics of current societal relevance, including estimated reserves and extraction costs for fossil fuels, geological storage of CO₂, sources and disposal methods for nuclear energy fuels, sources and future for luxury goods such as gold and diamonds, and special, rare materials used in consumer electronics (e.g. ;Coltan; mostly from Congo) and in newly emerging technologies such as superconducting magnets and rechargeable batteries (e.g. heavy rare earth elements, mostly from China). Guest lectures from economists, commodity traders and resource geologists will provide ;real world; input

Fall 2022: EESC GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4600	001/11588	T Th 1:10pm - 2:25pm 417 International Affairs Bldg	Peter Kelemen	3.00	25/30

EESC GU4887 ISOTOPE GEOLOGY I. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: For undergraduates, basic background in chemistry and physics, plus EESCUN2200(Earth Systems:SolidEarth and EESC UN3101 (Design and Maintenance of a Habitable Planet) or permission from the instructor. For graduate students: basic background in chemistry, physics and earth science.

Prerequisites: For graduate students, basic background in chemistry, physics and earth science. For undergraduates, basic background in chemistry and physics, plus EESC UN2200 Solid Earth and EESC UN3101 Geochemistry for a Habitable Planet, or permission from the instructor. An introduction to the processes that drive the universe, the formation of our solar system, and the history and evolution of our planet. Topics include stellar evolution and nucleosynthesis (origin of the elements), principles of radioactive decay and geochronology, composition of the solar system and the Earth, evolution of the mantle and crust, and using isotopes to trace to geological processes

Fall 2022: EESC GU4887

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4887	001/11589	T Th 1:10pm - 2:25pm 555 Ext Schermerhorn Hall	Steven Goldstein	3.00	12/25

EESC GU4923 Biological Oceanography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years. Enrollment limited to 24. Priority given to graduate students and then graduating seniors.

Prerequisites: introductory college-level biology and chemistry.

An overview of the biology and ecology of the oceans with a focus on the interaction between marine organisms and the physics and chemistry of the oceans.

Fall 2022: EESC GU4923

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4923	001/11590	T Th 1:10pm - 2:25pm 417 Schermerhorn Hall	Andrew Juhl	3	15/30

EESC GU4925 Principles of Physical Oceanography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Recommended preparation: a solid background in mathematics, physics, and chemistry.

Physical properties of seawater, water masses and their distribution, sea-air interaction influence on the ocean structure, basic ocean circulation pattern, relation of diffusion and advection with respect to distribution of ocean properties, ocean tides and waves, turbulence, and introduction to ocean dynamics.

Fall 2022: EESC GU4925

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4925	001/11591	T Th 8:40am - 9:55am 555 Ext Schermerhorn Hall	Andreas Thurnherr	3	21/25

EESC GU4949 Introduction to Seismology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: advanced calculus and general physics, or the instructor's permission.

Methods and underpinnings of seismology including seismogram analysis, elastic wave propagation theory, earthquake source characterization, instrumentation, inversion of seismic data to infer Earth structure.

Fall 2022: EESC GU4949

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4949	001/11592	T Th 11:40am - 12:55pm 555 Ext Schermerhorn Hall	Felix Waldhauser	3	5/40

SPRING 2023

EESC UN1010 GEOLO EXCUR TO DEATH VALLEY,CA. 2.00 points.

Enrollment limited to 20.

The trip is restricted to first-years and sophomores from Columbia College/General Studies, Barnard College, and the School of Engineering and Applied Science. Early application is advised, and no later than November 12. A spring-break excursion focused on the geology of Death Valley and adjacent areas of the eastern California desert. Discussion sessions ahead

of the trip provide necessary background. Details at: <https://eesc.columbia.edu/content/eesc-un1010>

Spring 2023: EESC UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1010	001/11148	F 7:30pm - 9:00pm 558 Ext Schermerhorn Hall	Nicholas Christie-Blick, Folarin Kolawole	2.00	22/20

EESC UN2100 EARTH'S ENVIRO SYST: CLIM SYST. 4.50 points.

Prerequisites: high school algebra. Recommended preparation: high school chemistry and physics; and one semester of college science. Origin and development of the atmosphere and oceans, formation of winds, storms and ocean currents, reasons for changes through geologic time. Recent influence of human activity: the ozone hole, global warming, water pollution. Laboratory exploration of topics through demonstrations, experimentation, computer data analysis, and modeling. Students majoring in Earth and Environmental Sciences should plan to take EESC W2100 before their senior year to avoid conflicts with Senior Seminar

Fall 2022: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/11578	T Th 11:40am - 12:55pm 603 Schermerhorn Hall	Suzana De Camargo, Galen McKinley	4.50	49/50
EESC 2100	001/11578	T 4:10pm - 7:00pm 555 Ext Schermerhorn Hall	Suzana De Camargo, Galen McKinley	4.50	49/50

Spring 2023: EESC UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/11149	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.50	55/60
EESC 2100	001/11149	T 4:10pm - 7:00pm 555 Ext Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.50	55/60

EESC UN2200 EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH. 4.50 points.

CC/GS: Partial Fulfillment of Science Requirement
Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be necessary.

Prerequisites: high school algebra and chemistry.
Recommended preparation: high school physics.
Recommended preparation: high school chemistry and physics; and one semester of college science. Exploration of how the solid Earth works, today and in the past, focusing on Earth in the Solar system, continents and oceans, the Earth's history, mountain systems on land and sea, minerals and rocks, weathering and erosion, glaciers and ice sheets,

the hydrological cycle and rivers, geochronology, plate tectonics, earthquakes, volcanoes, energy resources. Laboratory exploration of topics through examination of rock samples, experimentation, computer data analysis, field exercises, and modeling. Columbia and Barnard majors should plan to take W2200 before their senior year to avoid conflicts with the Senior Seminar

Fall 2022: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/11579	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	John Mutter, Jonathan Kingslake	4.50	47/53
EESC 2200	001/11579	Th 4:10pm - 7:00pm 603 Schermerhorn Hall	John Mutter, Jonathan Kingslake	4.50	47/53

Spring 2023: EESC UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/11150	T Th 2:40pm - 3:55pm 603 Schermerhorn Hall	Steven Goldstein, Sidney Hemming, Sedelia Rodriguez	4.50	55/53
EESC 2200	001/11150	T 4:10pm - 7:00pm 603 Schermerhorn Hall	Steven Goldstein, Sidney Hemming, Sedelia Rodriguez	4.50	55/53

EESC UN2300 EARTH'S ENVIRO SYST: LIFE SYST. 4.50 points.

CC/GS: Partial Fulfillment of Science Requirement
Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be reinstated.

Prerequisites: high school algebra. Recommended preparation: high school chemistry and physics.

Prerequisites: high school algebra. Recommended preparation: high school chemistry and physics. Role of life in biogeochemical cycles, relationship of biodiversity and evolution to the physical Earth, vulnerability of ecosystems to environmental change; causes and effects of extinctions through geologic time (dinosaurs and mammoths) and today. Exploration of topics through laboratories, demonstrations, computer data analysis and modeling. REQUIRED LAB: EESC UN2310. Students should see the Directory of Classes for lab sessions being offered and select one. Co-meets with EEEB 2002

Spring 2023: EESC UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2300	001/11151	M W 11:40am - 12:55pm 428 Pupin Laboratories	Paul Olsen, Matthew Palmer, Sonya Dyhrman	4.50	61/65

EESC UN2310 EARTH ENVIR SYST-LIFE SYST-LAB. 0.00 points.

This three hour lab is required of all students who enroll in EESC UN2300. There are currently five lab sections

Spring 2023: EESC UN2310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2310	001/15028	W 4:10pm - 7:00pm 555 Ext Schermerhorn Hall	Paul Olsen, Matthew Palmer, Sonya Dyhrman	0.00	4/20
EESC 2310	002/15029	W 4:10pm - 7:00pm 417 Schermerhorn Hall	Paul Olsen, Matthew Palmer, Sonya Dyhrman	0.00	1/20
EESC 2310	003/15030	W 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen, Matthew Palmer, Sonya Dyhrman	0.00	1/20
EESC 2310	004/15031	Th 4:10pm - 7:00pm 417 Schermerhorn Hall	Paul Olsen, Matthew Palmer, Sonya Dyhrman	0.00	0/20
EESC 2310	005/15033	Th 4:10pm - 7:00pm 506 Schermerhorn Hall	Paul Olsen, Matthew Palmer, Sonya Dyhrman	0.00	0/20
EESC 2310	006/19981	Th 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen, Matthew Palmer, Sonya Dyhrman	0.00	0/20

EESC UN3010 FIELD GEOLOGY. 3.00 points.

Fee: to be determined.

This is a field geology course focusing on the Apennine Mountains of central Italy, where a developing “accretionary prism” (associated with oceanic crust subduction) can be observed directly. Students will learn how to interpret the evolution of paleo-environments from the sediment lithologies, textures, fossils, compositions; and the tectonic history from the present day spatial and structural relationships. The rocks range from early Mesozoic oceanic crust and sediments to late Cenozoic sediments impacted by the rise of the Alps. The course visits several classic geological localities, including the Gubbio site of the discovery that the dinosaur extinction was caused by a meteorite, a Carrara Marble quarry (favored by Michelangelo for his sculptures), evaporite sediments from the dry-down of the Mediterranean, the magnificent Frasassi Cave, and effects of recent earthquakes. Prerequisites: EESC 2200 The Solid Earth System is a prerequisite but can be taken concurrently. EESC 2100 The Climate System is recommended. Interested students who have not met these prerequisites require a waiver from the instructors. This course is open to junior and senior majors and concentrators in Earth Science or Environmental Science at Columbia and Barnard. If there is space, sophomores who plan to be Earth Science or

Environmental Science majors may be permitted to enroll. Non majors/concentrators may also be allowed with permission of the instructors. By necessity (number of van seats) the course is limited to 20 or 21 students

Spring 2023: EESC UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3010	001/11152	T 7:30pm - 9:20pm 603 Schermerhorn Hall	Steven Goldstein, Sidney Hemming	3.00	23/23

EESC UN3109 CLIMATE PHYSICS. 3.00 points.

This is a calculus-based treatment of climate system physics and the mechanisms of anthropogenic climate change. By the end of this course, students will understand: how solar radiation and rotating fluid dynamics determine the basic climate state, mechanisms of natural variability and change in climate, why anthropogenic climate change is occurring, and which scientific uncertainties are most important to estimates of 21st century change. This course is designed for undergraduate students seeking a quantitative introduction to climate and climate change science. EESC V2100 (Climate Systems) is not a prerequisite, but can also be taken for credit if it is taken before this course

Spring 2023: EESC UN3109

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3109	001/11153	T Th 10:10am - 11:25am 555 Ext Schermerhorn Hall	Adam Sobel	3.00	7/30

EESC UN3201 SOLID EARTH DYNAMICS. 3.00 points.

Prerequisites: any 1000-level or 2000-level EESC course; MATH UN1101 Calculus I and PHYS UN1201 General Physics I or their equivalents. Concurrent enrollment in PHYS UN1201 is acceptable with the instructor's permission.

Prerequisites: any 1000-level or 2000-level EESC course; MATH UN1101 Calculus I and PHYS UN1201 General Physics I or their equivalents. Concurrent enrollment in PHYS UN1201 is acceptable with the instructors permission. Properties and processes affecting the evolution and behavior of the solid Earth. This course will focus on the geophysical processes that build mountains and ocean basins, drive plate tectonics, and otherwise lead to a dynamic planet. Topics include heat flow and mantle circulation, earthquakes and seismic waves, gravity, Earth's magnetic field, and flow of glaciers and ice sheets

Spring 2023: EESC UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3201	001/15132	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	William Menke	3.00	11/40

EESC UN3901 SENIOR SEMINAR. 3.00 points.

Prerequisites: *EESC BC3800* or *EESC BC3801* and a good grounding in basic sciences.

Guided, independent, in-depth research culminating in the senior thesis in the spring. Includes discussion about scientific presentations and posters, data analysis, library research methods and scientific writing. Students review work in progress and share results through oral reports. Weekly seminar to review work in progress and share results through oral and written reports

Fall 2022: EESC UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3901	001/11582	Th 4:10pm - 6:00pm 530 Altschul Hall	Sidney Hemming, Jacqueline Austermann	3.00	5/50

Spring 2023: EESC UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3901	001/11154	Th 4:10pm - 6:00pm 530 Altschul Hall	Sidney Hemming, Jacqueline Austermann	3.00	16/40

EESC GU4040 CLIM THERMODYN/ENERGY

TRANSFER. 3.00 points.

Given in alternate years.

Prerequisites: EESC GU4008, advanced calculus, and general physics, or the instructor's permission.

Thermodynamics of atmospheric and oceanic processes fundamental to the climate system. Physical mechanisms of vertical energy transfer: surface fluxes, boundary layers and convection

Spring 2023: EESC GU4040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4040	001/11155	T Th 2:40pm - 3:55pm 558 Ext Schermerhorn Hall	Adam Sobel	3.00	9/25

EESC GU4085 GEODYNAMICS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Given in alternate years.

Prerequisites: calculus, differential equations, introductory physics.

An introduction to how the Earth and planets work. The focus is on physical processes that control plate tectonics and the evolution of planetary interiors and surfaces; analytical descriptions of these processes; weekly physical model demonstrations

Spring 2023: EESC GU4085

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4085	001/11156	T Th 2:40pm - 3:55pm 555 Ext Schermerhorn Hall	W Buck	3.00	5/20

EESC GU4220 GLACIOLOGY. 3.00 points.

Prerequisites: At least a year of calculus and physics; any 1000-level or 2000-level EESC course. Recommended: EESC2100

(Climate System), EESC2200 (Solid Earth), EESC3201 (Solid Earth Dynamics). Experience using MATLAB.

Prerequisites: At least a year of calculus and physics; any 1000-level or 2000-level EESC course. Recommended: EESC2100 (Climate System), EESC2200 (Solid Earth), EESC3201 (Solid Earth Dynamics). Experience using MATLAB, Python/Numpy. This course examines processes controlling how glaciers and ice sheets grow, retreat, modify their landscape and interact with the rest of the Earth system. We focus on what controls surface mass balance, the transformation from snow to ice, ice deformation, basal sliding, the temperature and age of ice, the flow of water through ice sheets and glaciers, and the two-way interactions between ice and the oceans, atmosphere and solid earth. Weekly lectures are accompanied by practical computer sessions that equip students with key numerical and data analysis skills used in research of glacial processes

Spring 2023: EESC GU4220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4220	001/11157	T Th 1:10pm - 2:25pm 555 Ext Schermerhorn Hall	Jonathan Kingslake	3.00	14/20

EESC GU4235 SEA LEVEL CHANGE. 3.00 points.

Prerequisites: At least a year of calculus and physics; any 1000-level or 2000-level EESC course; basic programming experience (e.g. EESC3400 - Introduction to Computational Earth Science). Recommended: EESC2100 (Climate System), EESC2200 (Solid Earth), EESC3201 (Solid Earth, Dynamics). Prerequisites: At least a year of calculus and physics; any 1000-level or 2000-level EESC course; basic programming experience (e.g. EESC3400 - Introduction to Computational Earth Science). Recommended: EESC2100 (Climate System), EESC2200 (Solid Earth), EESC3201 (Solid Earth, Dynamics). The course aims to explore sea level changes that take place over a wide variety of timescales and are the result of multiple solid Earth and climatic processes. The course will link a series of solid Earth processes such as mantle convection, viscoelastic deformation, and plate tectonics to the paleoclimate record and investigate how these processes contribute to our understanding of past and present changes in sea level and climate. The course will step chronologically through time starting with long term sea level changes over the Phanerozoic, followed by Plio-Pleistocene ice age sea level variations and lastly modern and future sea level change. This is a cross-disciplinary course, which is aimed at students with interests in geophysics, cryosphere evolution, ocean dynamics, sedimentology, paleogeography, and past and present climate

Spring 2023: EESC GU4235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4235	001/11190	T Th 11:40am - 12:55pm 603 Schermerhorn Hall	Jacqueline Austermann	3.00	8/20

EESC GU4630 AIR-SEA INTERACTION. 3.00 points.

Given in alternate years. Enrollment limited to 20. Priority based on seniority (graduate students, graduating seniors, etc.).

Prerequisites: solid background in mathematics, physics, and chemistry. Some background in fluid mechanics (as in *EESC W4925/APPH E4200*) or the instructor's permission.

Prerequisites: solid background in mathematics, physics, and chemistry. Some background in fluid mechanics (as in *EESC W4925/APPH E4200*) or the instructors permission. An overview of oceanic and atmospheric boundary layers including fluxes of momentum, heat, mass, (eg. moisture salt) and gases between the ocean and atmosphere; vertical distribution of energy sources and sinks at the interface including the importance of surface currents; forced upper ocean dynamics, the role of surface waves on the air-sea exchange processes and ocean mixed layer processes

Spring 2023: EESC GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4630	001/11191	T Th 2:40pm - 3:55pm 417 Schermerhorn Hall	Christopher Zappa	3.00	6/20

EESC GU4924 INTRO TO ATMOSPHERIC CHEMISTRY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Physics UN1201, Chem UN1403, & Math UN1201 (Calc III), or their equivalents. Recommended: EESC UN2100 or EESC GU4008.

Prerequisites: Physics W1201, Chemistry W1403, Calculus III, or equivalent or the instructors permission. EESC W2100 preferred. Physical and chemical processes determining atmospheric composition and the implications for climate and regional air pollution. Atmospheric evolution and human influence; basics of greenhouse effect, photolysis, reaction kinetics; atmospheric transport of trace species; stratospheric ozone chemistry; tropospheric hydrocarbon chemistry; oxidizing power, nitrogen, oxygen, sulfur, carbon, mercury cycles; chemistry-climate-biosphere interactions; aerosols, smog, acid rain

Spring 2023: EESC GU4924

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4924	001/11192	T Th 11:40am - 12:55pm 417 Schermerhorn Hall	Roisin Commane	3.00	9/40

EESC GU4926 INTRO TO CHEMICAL OCEANOGRAPHY. 3.00 points.

Given in alternate years.

Prerequisites: Recommended preparation: one year of chemistry.

Prerequisites: Recommended preparation: one year of chemistry. Factors controlling the concentration and distribution of dissolved chemical species within the sea.

The physical chemistry of seawater, ocean circulation and mixing, gas exchange and biogeochemical processes interact to influence the distribution and fate of elements in the ocean. The course examines in some detail the two-way interaction between marine ecosystems and their chemical environment, and the implications of these interactions for distributions in the ocean of carbon, nutrients and trace metals. Although this course does not cover specific strategies that have been proposed for Carbon Dioxide Removal (CDR) and ocean storage of carbon, it will cover the basic processes and principles underlying ocean CDR strategies

Spring 2023: EESC GU4926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4926	001/11193	T Th 11:40am - 12:55pm 555 Ext Schermerhorn Hall	Robert Anderson	3.00	14/50

EESC GU4930 EARTH'S OCEANS # ATMOSPHERE. 3.00 points.

Prerequisites: Recommended preparation: a good background in the physical sciences.

Prerequisites: Recommended preparation: a good background in the physical sciences. Physical properties of water and air. Overview of the stratification and circulation of Earth's ocean and atmosphere and their governing processes; ocean-atmosphere interaction; resultant climate system; natural and anthropogenic forced climate change

Spring 2023: EESC GU4930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4930	001/11194	T Th 1:10pm - 2:25pm 417 Schermerhorn Hall	Arnold Gordon	3.00	15/25

EESC GU4937 CENOZOIC PALEOCEANOGRAPHY. 3.00 points.

Given in alternate years. Enrollment limited to 20 students EESC (DEES) graduate students have priority..

Prerequisites: college-level geology helpful but not required.

Prerequisites: college-level geology helpful but not required.

Introduces the physical, chemical and biological processes that govern how and where ocean sediments accumulate. Major topics addressed are: modes of biogenic, terrigenous and authigenic sedimentation, depositional environments, pore fluids and sediment geochemistry, diagenesis, as well as biostratigraphy and sediment stratigraphic principles and methods. Second half of the semester focuses on major events in Cenozoic paleoceanography and paleoclimatology including orbital control of climate, long-term carbon cycle, extreme climate regimes, causes of ice ages in Earth's history, human evolution, El Niño evolution, and long-term sea level history

Spring 2023: EESC GU4937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4937	001/11195	T Th 10:10am - 11:25am	Maureen Raymo,	3.00	13/30

EESC 4937 AU1/19949	417 Schermerhorn Hall	Baerbel Hoenisch	3.00	2/4
	T Th 10:10am - 11:25am	Maureen Raymo,		
	Othr Other	Baerbel Hoenisch		

OF RELATED INTEREST

Environmental Science (Barnard)

EESC BC1001	Environmental Science I
EESC BC1011	Environmental Science I Lab
EESC BC3014	Field Methods in Environmental Science
EESC BC3016	ENVIRONMENTAL MEASUREMENTS
EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
EESC BC3025	HYDROLOGY
EESC BC3033	Waste Management
EESC BC3050	BIG DATA WITH PYTHON
EESC BC3200	Ecotoxicology
EESC BC3300	WORKSHOP SUSTAINABLE DEVEL

Physics

PHYS UN1018	WEAPONS OF MASS DESTRUCTION
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GENERALLY ALTERNATE YEAR COURSES

EESC UN1001	DINOSAURS AND HISTORY OF LIFE
EESC UN1201	Environmental Risks and Disasters
EESC UN1401	DINOSAUR # HISTORY OF LIFE-LEC
EESC UN3015	The Earth's Carbon Cycle
EESC GU4009	CHEMICAL GEOLOGY
EESC GU4040	CLIM THERMODYN/ENERGY TRANSFER
EESC GU4085	GEODYNAMICS
EESC GU4113	INTRODUCTION TO MINERALOGY I
EESC GU4330	Introduction to Terrestrial Paleoclimate
EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4300	THE EARTH'S DEEP INTERIOR
EESC GU4630	AIR-SEA INTERACTION
EESC GU4701	Introduction to Igneous Petrology
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTAL WATERS
EESC GU4887	ISOTOPE GEOLOGY I
EESC GU4888	Stable Isotope Geochemistry
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

EESC GU4937	CENOZOIC PALEOCEANOGRAPHY
EESC GU4929	Mixing and Dispersion in the Ocean
EESC GU4949	Introduction to Seismology
EESC GR6111	Modern analytical methods in geochemistry
EESC GR6701	Igneous and metamorphic processes during the creation and evolution of the tectonic plates
EESC GR6810	The Carbon Cycle
EESC GR6901	Research Computing for the Earth Sciences
EESC GR6909	Advanced Time Series Analysis
EESC GR6920	DYNAMICS OF CLIMATE
EESC GR6921	ATMOSPHERIC DYNAMICS
EESC GR6922	ATMOSPHERIC RADIATION
EESC GR6928	TROPICAL METEOROLOGY
EESC GR6949	ADVANCED SEISMOLOGY I
EESC GR6930	Ocean Dynamics
EESC GR9500	SEM-PLANT PHYSIOLOGY & EC

EAST ASIAN LANGUAGES AND CULTURES

Departmental Office: 407 Kent; 212-854-5027
ealac.columbia.edu/

Director of Undergraduate Studies: Prof. Jungwon Kim, 402 Kent; jk3638@columbia.edu

The program in East Asian studies offers a wide range of courses in a variety of disciplines, as well as training in the Chinese, Japanese, Korean, and Tibetan languages. The program is designed to provide a coherent curriculum for undergraduates wishing to major in East Asian studies, with disciplinary specialization in anthropology, art history, economics, history, literature, philosophy, political science, sociology, or religion. The department also offers a series of introductory and thematic courses especially designed for students seeking to acquire some knowledge of East Asia as part of their broader undergraduate experience.

ADMISSION TO LANGUAGE COURSES

All students wishing to enter the language program at another point besides the first term of the first level must pass a language placement test before registering. The language placement exams are held during the change of program period, the week before classes begin.

Students who have been absent from the campus for one term or more must take a placement test before enrolling in a language course beyond the first term of the first level.

Students who wish to place out of the Columbia College Foreign Language Requirement for a language taught in the department of East Asian Languages and Cultures must consult with the director of the relevant language program. The names of the directors, and additional information about East Asian language programs, can be accessed via the department website at <http://ealac.columbia.edu/program/language-programs/>.

LANGUAGE LABORATORY

An additional hour of study in the language laboratory is required in first-year Japanese (JPNS UN101 and JPNS UN1102).

JPNS UN1101	FIRST YEAR JAPANESE I
- JPNS UN1102	and FIRST YEAR JAPANESE II

Students taking these courses must attend all assigned language laboratory sessions. Grades for written and oral work in the language laboratory and for additional work in oral drill sessions count as 10% of the final grade in the course. Assignments of laboratory hours are made during the first session of the regular classes.

COURSE NUMBERING

The following are general guidelines to the numbering of department courses open to undergraduates. Students with questions about the nature of a course should consult with the instructor or the Director of Undergraduate Studies.

- *1000-level*: Introductory-level undergraduate courses and first-year language courses
- *2000-level*: Intermediate-level undergraduate courses and second-year language courses
- *3000-level*: Advanced-level undergraduate courses and third-year language courses
- *4000-level*: Advanced courses geared toward undergraduate students available to graduate students or geared toward both undergraduate and graduate students, fourth-year and above language courses

STUDY ABROAD

East Asian Studies majors or concentrators who opt to spend the spring semester of their junior year abroad should contact the Director of Undergraduate Studies for information about course selection in the sophomore year.

Students planning to study abroad their junior year must take the required disciplinary and senior thesis-related courses in the spring of their sophomore year. Please contact the Director of Undergraduate Studies for more details.

Through the [Columbia University Center for Undergraduate Global Engagement \(UGE\)](#), there are a few study abroad options available to students:

The Kyoto Consortium for Japanese Studies

The Kyoto Consortium offers Columbia students the opportunity to study in Japan with a program that offers intensive instruction in the Japanese language and courses that explore a wide range of topics in Japanese studies. The program is designed to strengthen your Japanese skills through intensive language training, cultural immersion, and regular interactions with the local community and/or your host family.

ACADEMIC YEAR/ SEMESTER STUDY

Students should have the equivalent of two semesters (fall departure) or three semesters (spring departure) of college-level Japanese completed by the time of their departure. The program is most appropriate for the junior year, but other arrangements are considered.

SUMMER STUDY

Modern Japanese Track

This program is open to students in good academic standing who have completed at least one year of college-level Japanese or the equivalent. Recent graduates may also apply.

Classical Japanese Track

This program is open to students in good academic standing who have completed three years of college-level Japanese or the equivalent

Columbia Summer in Beijing: Chinese Language Program

The Columbia Summer in Beijing: Chinese Language program offers Columbia students of all language levels (beginner to advanced) the opportunity to study in Beijing and complete one academic year of Chinese in nine weeks through intensive courses, language exchange, drill sessions, and cultural activities.

Columbia Summer in Shanghai: Business Chinese

The Columbia Summer in Shanghai: Business Chinese program offers Columbia students the opportunity to learn Business Chinese through an intensive course in which students can learn the cultural behaviors, jargon, and linguistic styles used in a professional environment as well as develop their resume and interview skills for multinational businesses. Students should have the equivalent of four semesters of college-level Chinese completed before their departure.

For further information about all of the East Asian programs offered through the [Columbia University Center for Undergraduate Global Engagement \(UGE\)](#), please contact the assigned advisor for each program listed on the UGE website.

GRADING

Courses in which the grade of D or P has been received do not count toward the major or concentration requirements.

All language courses must be taken for a letter grade, without exception. Students may not take language courses for either R-Credit or Pass/Fail.

DEPARTMENTAL HONORS

Departmental honors are conferred only on East Asian Studies majors who have earned a grade point average of at least 3.6 for courses in the major, have pursued a rigorous and ambitious program of study, and have submitted senior theses of superior quality, clearly demonstrating originality and excellent scholarship. Qualified seniors are nominated by their thesis advisers. Normally no more than 10% of graduating majors receive departmental honors in a given academic year. Concentrators are not eligible for departmental honors.

PROFESSORS

Bernard Faure
Robert Hymes
Theodore Hughes
Dorothy Ko (Barnard History)
Eugenia Lean
Feng Li
Lening Liu
Lydia Liu
D. Max Moerman (Barnard)
Wei Shang (Chair)
Haruo Shirane (Vice Chair)
Tomi Suzuki
Gray Tuttle
Madeleine Zelin

ASSOCIATE PROFESSORS

Michael Como (Religion)
David Lurie
Lien-Hang Nguyen (History)
Gregory Pflugfelder

ASSISTANT PROFESSORS

Nicholas Barlett (Barnard)
Jungwon Kim
Seong Uk Kim
Lu Kou
Paul Kreitman
John Phan
Ying Qian
Takuya Tsunoda

Zhaohua Yang (Religion)

AFFILIATED FACULTY

Robert Harrist (Art History)
Lauran Hartley (C.V. Starr East Asian Library)
Matthew McKelway (Art History)
Jonathan Reynolds (Art History, Barnard)

SENIOR LECTURERS

Shigeru Eguchi
Yuan-Yuan Meng
Fumiko Nazikian
Miharu Nittono
Zhongqi Shi
Joowon Suh
Sonam Tsering
Ling Yan
Zhirong Wang

LECTURERS

Eunice Chung
Lingjun Hu
Tianqi Jiang
Ji-Young Jung
Beom Lee
Yike Li
Kyoko Loetscher
Sonam Tsering Ngulphu
Chung Nguyen
Keiko Okamoto
Tao Peng
Shaoyan Qi
Naoko Sourial
Chikako Takahashi
Naofumi Tatsumi
Sonam Tsering
Hailong Wang
Chen Wu
Jia Xu
Hyunkyu Yi

ADJUNCT FACULTY

Jiyoung Choi
Yongjun Choi
Leta Hong Fincher
Lauran Hartley
Hey-Ryoun Hong
Jiyeon Kim
Yun Kim
Mayumi Nishida
Vinh Nguyen
Andrew Plaks
Morris Rossabi
Seunghyo Ryu
Shuichiro Takeda

Yaxi Zhen

ON LEAVE (FALL 2022)

Tomi Suzuki
 Haruo Shirane
 Lydia Liu
 Ying Qian
 Bernard Faure
 Max Moerman (Barnard)
 Takuya Tsunoda
 Lien-Hang Nguyen (History)

ON LEAVE (SPRING 2023)

Tomi Suzuki
 Haruo Shirane
 Madeleine Zelin
 Lydia Liu
 John Phan

MAJOR IN EAST ASIAN STUDIES

The requirements for this program were modified in the Spring 2017 semester. Students who declared an EAS major before this semester have the option of following the old or the new requirements. If you have any questions, please contact the Director of Undergraduate Studies.

Prerequisite

Students must meet the following prerequisite prior to declaring the East Asian Studies major: two years of Chinese, Japanese, Korean, Tibetan, Vietnamese, or the proficiency equivalent (to be demonstrated by placement examination).

Language Requirement

Third-year Chinese, Japanese, Korean, Tibetan, or Vietnamese (completion of the UN3005-UN3006 level in Chinese, Japanese, or Korean; TIBT UN3611-UN3612 level in Tibetan; VIET UN3101-UN3102), or the proficiency equivalent (to be demonstrated by placement examination). Students of Chinese may also complete UN3003-UN3004 to meet the third-year requirement.

One of the following sequences (in the target language):

CHNS UN3003	THIRD YEAR CHINESE I
- CHNS UN3004	and THIRD YEAR CHINESE II

Or, for heritage students:

CHNS UN3005	THIRD YEAR CHINESE W
- CHNS UN3006	and THIRD YEAR CHINESE W II

JPNS UN3005	THIRD YEAR JAPANESE I
- JPNS UN3006	and THIRD YEAR JAPANESE II

KORN UN3005	THIRD YEAR KOREAN I
- KORN UN3006	and THIRD YEAR KOREAN II

TIBT UN3611	THIRD YEAR MOD COLLOQ
- TIBT UN3612	TIBET I

	and THIRD YEAR MODERN
	TIBETAN II

VIET UN3101	THIRD YEAR VIETNAMESE I
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Students who test out of three years or more of a language must take an additional year of that language or another East Asian language at Columbia in order to satisfy the language requirement.

Introductory Courses

Students are required to take:

AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS
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Students must also select two of the following:

ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
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ASCE UN1361	INTRO EAST ASIAN CIV: JPN
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ASCE UN1363	INTRO TO EAST ASIAN CIV: KOREA
-------------	--------------------------------

ASCE UN1365	INTRO EAST ASIAN CIV: TIBET
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ASCE UN1367	INTRO EA CIV: VIETNAM
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First-year students and sophomores, prior to declaring an East Asian studies major, are strongly urged to take one or more of the introductory courses.

Methodology Course

All majors **must** take EAAS UN3990 APPROACHES TO E ASIAN STUDIES the fall of their junior year. **Please note that this course is only offered in the fall semester.**

Elective Courses

Students must take four elective courses in East Asian studies, to be chosen in consultation with the DUS. Two of these courses must be EALAC or AMEC courses. Courses in a second East Asian language (one year minimum) or a classical East Asian language (one semester minimum) may be used to fulfill one elective course.

Please note that the following courses CANNOT be counted as an elective course. These courses can only be used to fulfill the EALAC language requirement:

- Business Chinese I/II
- Advanced Business Chinese I/II
- Media Chinese I/II
- Legal Chinese
- Japanese Pop Culture I/II

However, the following courses are NOT categorized as language courses and CAN count as an elective course:

- History of the Chinese Language
- Acquisition of Chinese as a Second Language

Senior Thesis Program

East Asian Studies majors who wish to write a senior thesis apply to the EALAC Senior Thesis Program at the end of their junior year. Students must have a minimum grade point average of 3.6 in courses taken in the major at the time of the application. Students interested in applying to the Senior Thesis Program should submit the EALAC Senior Thesis Program Application (see [Undergraduate Planning Sheets and Forms](#)). The deadline for submitting applications is usually in late April or early May. Please contact the Academic Coordinator for more information about the application process.

All potential thesis writers are required to enroll in the Senior Thesis Research Workshop (EAAS UN3999) in the fall of the senior year. Students who perform satisfactorily in this workshop, successfully complete a thesis proposal, and find a faculty adviser will then write the Senior Thesis itself in the spring semester under the direction of the adviser and a graduate student tutor (EAAS UN3901).

The senior thesis typically consists of about 30-35 pages of text (double-spaced, normal typeface and margins) and 5-8 pages of references. Under no circumstances should a thesis exceed a total of 50 pages (including references), without the special permission of the faculty adviser.

Successful completion of the thesis by the April 1 deadline in the spring semester will be necessary but not sufficient for a student to receive departmental honors. Normally no more than 10% of graduating majors receive departmental honors in a given academic year; as such, not all thesis writers will receive honors.

CONCENTRATION IN EAST ASIAN STUDIES

Prerequisite

Students must meet the following prerequisite prior to declaring the East Asian Studies concentration: two years of Chinese, Japanese, Korean, Tibetan, Vietnamese, or the proficiency equivalent (to be demonstrated by placement examination).

Language Requirement

Third-year Chinese, Japanese, Korean, Tibetan, or Vietnamese (completion of the UN3005-UN3006 level in Chinese, Japanese, or Korean; TIBT UN3611-UN3612 level in Tibetan; VIET UN3101-UN3102), or the proficiency equivalent (to be demonstrated by placement examination). Students of Chinese may also complete UN3003-UN3004 to meet the third-year requirement.

One of the following sequences (in the target language):

CHNS UN3003 - CHNS UN3004	THIRD YEAR CHINESE I and THIRD YEAR CHINESE II
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Or, for heritage students:

CHNS UN3005 - CHNS UN3006	THIRD YEAR CHINESE W and THIRD YEAR CHINESE W II
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JPNS UN3005 - JPNS UN3006	THIRD YEAR JAPANESE I and THIRD YEAR JAPANESE II
------------------------------	---

KORN UN3005 - KORN UN3006	THIRD YEAR KOREAN I and THIRD YEAR KOREAN II
------------------------------	---

TIBT UN3611 - TIBT UN3612	THIRD YEAR MOD COLLOQ TIBET I and THIRD YEAR MODERN TIBETAN II
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VIET UN3101	THIRD YEAR VIETNAMESE I
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Students who test out of a third-year level East Asian language must take either an additional year of the same language, one year of a classical East Asian language, one year of an additional East Asian language, or two electives.

Introductory Courses

AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS
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Select one of the following:

ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
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ASCE UN1361	INTRO EAST ASIAN CIV: JPN
-------------	---------------------------

ASCE UN1363	INTRO TO EAST ASIAN CIV: KOREA
-------------	-----------------------------------

ASCE UN1365	INTRO EAST ASIAN CIV: TIBET
-------------	--------------------------------

ASCE UN1367	INTRO EA CIV: VIETNAM
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Electives

Students must take two courses in East Asian Studies at Columbia or Barnard at the 3000- or 4000-level, subject to approval by the DUS. Courses in a second East Asian language (one year minimum) or a classical East Asian language (one semester minimum) may be used to fulfill one elective course.

Please note that the following courses CANNOT be counted as an elective course. These courses can only be used to fulfill the EALAC language requirement:

- Business Chinese I/II
- Advanced Business Chinese I/II
- Media Chinese I/II
- Legal Chinese
- Japanese Pop Culture I/II

However, the following courses are NOT categorized as language courses and CAN count as an elective course:

- History of the Chinese Language
- Acquisition of Chinese as a Second Language

Senior Thesis Program

Concentrators are not eligible for the Senior Thesis Program or for departmental honors.

NOTE: Courses without scheduling information are not offered during this current semester. Please also consult the [Directory of Classes](#) for course information before emailing the contact below.

If you have any course-related questions, please contact the [EALAC Academic Coordinator](#).

CONTENT COURSES

ASCE UN1002 INTRO MAJOR TPCS: EAST ASIAN. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An interdisciplinary and topical approach to the major issues and phases of East Asian civilizations and their role in the contemporary world

Fall 2022: ASCE UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1002	001/15054	T Th 2:40pm - 3:55pm 424 Kent Hall	Alexander Kaplan-Reyes	4.00	14/15

ASCE UN1359 INTRO TO EAST ASIAN CIV: CHINA. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section, ASCE UN1360

Prerequisites: NOTE: Students must register for a discussion section, ASCE UN1360 The evolution of Chinese civilization from ancient times to the 20th century, with emphasis on characteristic institutions and traditions

Fall 2022: ASCE UN1359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1359	001/10650	T Th 1:10pm - 2:25pm 142 Uris Hall	Dongxin Zou	4.00	74/90

ASCE UN1361 INTRO EAST ASIAN CIV: JPN. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section ASCE UN1371

Prerequisites: NOTE: Students must register for a discussion section ASCE UN1371 A survey of important events and individuals, prominent literary and artistic works, and recurring themes in the history of Japan, from prehistory to the 20th century

Fall 2022: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/10648	M W 4:10pm - 5:25pm 310 Fayerweather	Paul Kreitman	4.00	84/90

Spring 2023: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/10959	M W 11:40am - 12:55pm 402 Chandler	Gregory Pflugfelder	4.00	77/90

ASCE UN1363 INTRO TO EAST ASIAN CIV: KOREA. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section, ASCE UN1366

Prerequisites: NOTE: Students must register for a discussion section, ASCE UN1366 The evolution of Korean society and culture, with special attention to Korean values as reflected in thought, literature, and the arts

Spring 2023: ASCE UN1363

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1363	001/10960	M W 1:10pm - 2:25pm 330 Uris Hall	Seong-Uk Kim	4.00	63/60

ASCE UN1365 INTRO EAST ASIAN CIV: TIBET. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course seeks to introduce the sweep of Tibetan civilization and its history from its earliest recorded origins to the present. The course examines what civilizational forces shaped Tibet, especially the contributions of Indian Buddhism, sciences and literature, but also Chinese statecraft and sciences. Alongside the chronological history of Tibet, we will explore aspects of social life and culture

Fall 2022: ASCE UN1365

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1365	001/10649	T Th 2:40pm - 3:55pm 330 Uris Hall	Lauran Hartley	4.00	46/60

ASCE UN1367 INTRO EA CIV: VIETNAM. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Corequisites: ASCE UN1377

Corequisites: ASCE UN1377 This course provides a survey of Vietnamese civilization from prehistoric origins to the French colonization in the 19th century, with special emphasis on the rise and development of independent kingship over the 2nd millennium CE. We begin by exploring ethnolinguistic diversity of the Red River plain over the first millenium BCE, culminating in the material bronze culture known as the Dong Son. We then turn towards the introduction of high sinitic culture, and the region's long membership within successive

Chinese empires. We pay special attention to the rise of an independent state out of the crumbling Tang Dynasty, and the specific nation-building effects of war with the Mongols and the Ming Dynasty, in the 14th and 15th centuries respectively. Our class ends with the French colonization of the region, and the dramatic cultural and intellectual transformations that were triggered as a result. Our course will interrogate Vietnamese culture as a protean object, one that is defined and redefined at virtually every level, throughout a history marked by foreign interest, influence, and invasion

Fall 2022: ASCE UN1367

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1367	001/10651	M W 4:10pm - 5:25pm 313 Fayerweather	John Phan	4.00	46/60

AHUM UN1400 COLLOQUIUM ON MAJOR TEXTS. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores the core classical literature in Chinese, Japanese and Korean Humanities. The main objective of the course is to discover the meanings that these literature offer, not just for the original audience or for the respective cultures, but for us. As such, it is not a survey or a lecture-based course. Rather than being taught what meanings are to be derived from the texts, we explore meanings together, informed by in-depth reading and thorough ongoing discussion

Fall 2022: AHUM UN1400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1400	001/10646	T 12:10pm - 2:00pm 607 Hamilton Hall	John Phan	4.00	23/24
AHUM 1400	002/10647	W 12:10pm - 2:00pm 409 International Affairs Bldg	Ye Yuan	4.00	16/20
AHUM 1400	003/11068	M 2:10pm - 4:00pm 405 Kent Hall	Allison Bernard	4.00	19/20
AHUM 1400	004/18347	W 4:10pm - 6:00pm 522c Kent Hall	Chung-Wei Yang	4.00	18/20

Spring 2023: AHUM UN1400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1400	002/10956	M 4:10pm - 6:00pm 507 Philosophy Hall	Seong-Uk Kim	4.00	26/24
AHUM 1400	003/00395	W 2:10pm - 4:00pm 502 Diana Center	David Moerman	4.00	28/30

EAAS UN2342 Mythology of East Asia. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Through close readings of major myths of China, Japan, and Korea, this course provides a survey of significant themes of East Asian culture. Inclusion of selected comparative readings also leads students to reconsider the nature of 'world mythology,' a field often constituted by juxtaposing Greek and Latin classics with oral texts collected during anthropological fieldwork. The core materials for this class are from ancient written traditions, but they speak with force and clarity to

modern readers, as is underlined by our attention to latter-day reception and reconceptualization of these narratives. This is an introductory, discussion-based class intended for undergraduates. No prior knowledge of East Asian history or culture is required, and all course readings are in English. Satisfies the Global Core requirement.

EAAS UN3215 KOREAN LITERATURE # FILM. 3.00 points.

Prerequisites: weekly film screening required.

This course traces the history of Korean cinema and literature from the 1930s to the early 2000s. Particular attention is given to colonialism, national division, war, gender relations, authoritarianism, urbanization, consumer culture, and diaspora. What kinds of familial, social, economic, and political relations do these films and literary works envision? We will link films and literary texts to their historical context, noting how representations of people, places, and ideas have changed over time—from colonialism, through poverty and malaise in the aftermath of the Korean War, to North Korea's continuing search for autonomy in the world system and South Korea's current position as global economic power and maker of the "Korean Wave"

Fall 2022: EAAS UN3215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3215	001/10653	W 4:10pm - 6:00pm 304 Hamilton Hall	Theodore Hughes	3.00	18/20

EAAS UN3217 KOREAN POPULAR CINEMA. 4.00 points.

This course surveys modern Korean culture and society through Korean popular cinema. Drawing from weekly screenings and readings on critical film and Korean studies, we will explore major topics and defining historical moments in modern Korean history post-1945.

Spring 2023: EAAS UN3217

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3217	001/10966	Th 4:10pm - 6:00pm 601 Fairchild Life Sciences Bldg	Theodore Hughes	4.00	22/20

EAAS UN3310 SOCIAL PROB IN CONTEMP CHINA. 3.00 points.

EAAS UN3322 EAST ASIAN CINEMA. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course introduces students to major works, genres and waves of East Asian cinema from the Silent era to the present, including films from Japan, Korea, Mainland China, Taiwan and Hong Kong. How has cinema participated in East Asian societies' distinct and shared experiences of industrial modernity, imperialism and (post)colonialism? How has cinema engaged with questions of class, gender, ethnic and language politics? In what ways has cinema facilitated transnational circulations and mobilizations of peoples and ideas, and how has it interacted with other art forms, such as

theatre, painting, photography and music? In this class, we answer these questions by studying cinemas across the region side-by-side, understanding cinema as deeply embedded in the region's intertwining political, social and cultural histories and circulations of people and ideas. We cover a variety of genres such as melodrama, comedy, historical epic, sci-fi, martial arts and action, and prominent film auteurs such as Yasujiro Ozu, Akira Kurosawa, Yu Hyunmok, Chen Kaige, Hou Hsiao-hsien, and Ann Hui. As cinema is, among other things, a creative practice, in this course, students will be given opportunities to respond to films analytically and creatively, through writing as well as creative visual projects. As a global core course, this class does not assume prior knowledge of East Asian culture or of film studies

Spring 2023: EAAS UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3322	001/10967	W 4:10pm - 6:00pm 326 Uris Hall	Takuya Tsunoda	4.00	51/40

EAAS UN3338 CULTRL HIST-JAPANESE MONSTERS. 3.00 points.

Priority is given to EALAC and History majors, as well as to those who have done previous coursework on Japan.

From Godzilla to Pokemon (literally, pocket monster) toys, Japanese monsters have become a staple commodity of late-capitalist global pop culture. This course seeks to place this phenomenon within a longer historical, as well as a broader cross-cultural, context. Through an examination of texts and images spanning over thirteen centuries of Japanese history, along with comparable productions from other cultures, students will gain an understanding not only of different conceptions and representations of monsters, ghosts, and other supernatural creatures in Japan, but also of the role of the monstrous in the cultural imagination more generally. The course draws on various media and genres of representation, ranging from written works, both literary and scholarly, to the visual arts, material culture, drama, and cinema. Readings average 100-150 pages per week. Several film and video screenings are scheduled in addition to the regular class meetings. Seating is limited, with final admission based on a written essay and other information to be submitted to the instructor before the beginning of the semester

Fall 2022: EAAS UN3338

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3338	001/10654	M W 11:40am - 12:55pm 327 Uris Hall	Gregory Pflugfelder	3.00	14/15

EAAS UN3435 Chinese Revolution, Asian Revolution, World Revolution: Revolution and Radicalism in the Long Twentieth Century. 4.00 points.

This course examines the Chinese Revolution as a global event, one that provided new possibilities for understanding the future not only of China, but Asia and the world. In doing so, it refuses any notion of the Chinese Revolution as a merely "Chinese" event and instead marks the ways in which diverse

sets of activists and revolutionaries from across Asia not only contributed towards the formation of Chinese revolutionary politics but also responded on their own terms. The Chinese Revolution thereby emerges as a truly global event and one that transformed political imagination. The course focuses largely on the responses and trajectories of Asian revolutionaries, especially from Vietnam and Japan, whose intellectual and political paths intersected with those of Chinese activists. Students can expect to work through the diverse intellectual interventions of pan-Asian diasporic communities in Japan at the beginning of the twentieth century, read interwar proletarian fiction from Chinese and Japanese authors, compare Chinese and Vietnamese conceptualizations of "people's war" as an anti-colonial military strategy. They will emerge with a new understanding of the porousness and complexity of basic categories such as China, Asia and revolution

EAAS UN3575 Approaching Cities and Life in Chinese Cultural History. 4.00 points.

Italo Calvino's imagined Marco Polo cautions against commemorating the lived experience of a city, "Memory's images, once they are fixed in words, are erased." How shall we modern students of the past retrieve the ways in which foreign men and women dwelled in everyday practice? This seminar will take you on a tour of some key topoi — as both physical and literary constructs — throughout Chinese history, availing of a selection of textual, visual, and cinematic materials that shape and are shaped by the palimpsests of changing Chinese urban life

Fall 2022: EAAS UN3575

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3575	001/12905	M 4:10pm - 6:00pm 405 Kent Hall	Yifan Zhang	4.00	12/15

HSEA UN3642 Peripheries of the Sinitic World through History. 3.00 points.

This course surveys the southern and western peripheries of the political entities we today call China from the turn of the 1st millennium CE to the early 20th century. It does so primarily through translations of primary sources - travelogues and geographies- up to the 16th century, at which point it turns its attention to recently published monographs of varying breadth that can cover more ground, given the sheer number of available primary sources from that time on. No prerequisites but Introduction to East Asian Civilizations: Tibet, China, or Vietnam is recommended

EAAS UN3710 FICTION, FILM, AND MODERN VIETNAM. 4.00 points.

This course examines film, tv, and a variety of short fiction as vehicles for the production of Vietnamese cultural identities in the modern era

Fall 2022: EAAS UN3710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3710	001/16012	Th 4:10pm - 6:00pm 405 Kent Hall	Hayeon Lee	4.00	10/15

AHUM UN3830 COLL ON MODERN EAST ASIA TEXTS. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: *AHUM UN3400* is recommended as background.
 Prerequisites: *AHUM UN3400* is recommended as background.
 Introduction to and exploration of modern East Asian literature through close reading and discussion of selected masterpieces from the 1890s through the 1990s by Chinese, Japanese, and Korean writers such as Mori Ogai, Wu Jianren, Natsume Soseki, Lu Xun, Tanizaki Jun'ichiro, Shen Congwen, Ding Ling, Eileen Chang, Yi Sang, Oe Kenzaburo, O Chong-hui, and others. Emphasis will be on cultural and intellectual issues and on how literary forms manifested, constructed, or responded to rapidly shifting experiences of modernity in East Asia

Fall 2022: AHUM UN3830

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3830	001/16921	M 12:10pm - 2:00pm 405 Kent Hall	Yuki Ishida	4.00	19/18

HSEA UN3851 GODS, GHOSTS, AND ANCESTORS: RELIGION IN CHINESE CULTURE AND SOCIETY. 3.00 points.

Examines the social and cultural place of Chinese religions through time, focusing on Chinese ideas of the relation between humans and spirits, and the expression of those ideas in practice. Problems will include the long-term displacement of ancestors by gods in Chinese history; the varying and changing social functions of rituals, and the different views of the same ritual taken by different participants; the growth of religious commerce from early modern times on. Topics will be organized roughly chronologically but the emphasis is on broad change rather than historical coverage

HSEA UN3871 MODERN JAPAN: IMAGES # WORDS. 3.00 points.

This course relies primarily on visual materials to familiarize students with the history of Japan from the beginning of the nineteenth century through the present. It follows a chronological order, introducing students to various realms of Japanese visual culture—from woodblock prints to film, anime, and manga—along with the historical contexts that they were shaped by, and in turn helped shape. Special attention will be paid to the visual technologies of nation-building, war, and empire; to historical interactions between Japanese and Euro-American visual culture; to the operations of still versus moving images; and to the mass production of visual commodities for the global marketplace. Students who take the course will emerge not only with a better understanding of Japan's modern historical experience, but also with a more discerning eye for the ways that images convey meaning and offer access to the past

HSEA UN3898 THE MONGOLS IN HISTORY. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Study of the role of the Mongols in Eurasian history, focusing on the era of the Great Mongol Empire. The roles of Chinggis

and Khubilai Khan and the modern fate of the Mongols to be considered

Spring 2023: HSEA UN3898

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3898	001/10977	T 10:10am - 12:00pm 212d Lewisohn Hall	Morris Rossabi	3.00	25/25

EAAS UN3901 SENIOR THESIS. 3.00 points.

Prerequisites: Senior majors only.

Prerequisites: Senior majors only. Senior Seminar required of all majors in East Asian Studies. Open only to senior majors

Spring 2023: EAAS UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3901	001/18205		Jungwon Kim, Christopher Kim	3.00	10/15

EAAS UN3927 CHINA IN THE MODERN WORLD. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The rise of China has impacted world politics and economy in significant ways. How did it happen? This course introduces some unique angles of self-understanding as suggested by Chinese writers, intellectuals, and artists who have participated in the making of modern China and provided illuminating and critical analyses of their own culture, history, and the world. Readings cover a wide selection of modern Chinese fiction and poetry, autobiographical writing, photography, documentary film, artworks, and music with emphasis on the interplays of art/literature, history, and politics. Close attention is paid to the role of storytelling, the mediating powers of technology, new forms of visibility and sense experience, and the emergence of critical consciousness in response to global modernity. In the course of the semester, a number of contemporary Chinese artists, filmmakers, and writers are invited to answer students' questions. This course draws on cross-disciplinary methods from art history, film studies, anthropology, and history in approaching texts and other works. The goal is to develop critical reading skills and gain in-depth understanding of modern China and its engagement with the modern world beyond the cold war rhetoric. Our topics of discussion include historical rupture, loss and melancholy, exile, freedom, migration, social bonding and identity, capitalism, nationalism, and the world revolution. All works are read in English translation.

EAAS UN3990 APPROACHES TO E ASIAN STUDIES. 4.00 points.

Enrollment is limited to EALAC and AMEC majors and concentrators only.

This course is intended to provide a focal point for undergraduate majors in East Asian Studies. It introduces students to the analysis of particular objects of East Asian historical, literary, and cultural studies from various

disciplinary perspectives. The syllabus is composed of a series of modules, each centered around an object, accompanied by readings that introduce different ways of understanding its meaning

Fall 2022: EAAS UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3990 001/10655		T 4:10pm - 6:00pm 522c Kent Hall	Robert Hymes	4.00	13/20
EAAS 3990 002/10656		Th 12:10pm - 2:00pm 405 Kent Hall	Gregory Pflugfelder	4.00	13/20

EAAS UN3999 RESEARCH IN EAST ASIAN STUDIES. 2.00 points.

Introduces students to research and writing techniques and requires the preparation of a senior thesis proposal. Required for majors and concentrators in the East Asian studies major in the spring term of the junior year

Fall 2022: EAAS UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3999 001/10657		M 6:10pm - 8:00pm 405 Kent Hall	John Phan, Christopher Kim	2.00	10/15

EARL GU4023 Women in Buddhism. 4.00 points.

This course examines a broad array of topics related to the nature of women in Buddhism, both as presented in historical and religious texts as well as in the lives of female Buddhist practitioners. Our aim will be to consider these rules and traditions within the context of their creation as well as their subsequent use. We will also look to the words and examples of women Buddhist practitioners directly, including in modern Western Buddhism

HSEA GU4027 ISSUES IN EARLY CHINESE CIV. 4.00 points.

The purpose of this course is to introduce students to the basic issues and problems in the study of early Chinese civilization, some theoretical and others methodological. Through the review of a long series of debates the course offers a quick entrance both to this early period of history and to these studies. Organized around problems, the course encourages critical thinking and contesting arguments and helps the students weigh different positions addressing the problems. By doing so, the course guides the students to search for frontline questions and to probe possible ways to solve the problems. The course deals with both the written records (inscriptional and textual) and the material evidence, and the student can well expect this course to serve as also updates of the most fascinating archaeological discoveries in China made in the past decades. The course is designed as an upper-level undergraduate and MA course; therefore, it is recommended that undergraduate students should take "ASCE V2359: Introduction to East Asian Civilizations: China" before participating in this course.

Spring 2023: HSEA GU4027

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HSEA 4027 001/14400	M 2:10pm - 4:00pm 602 Northwest Corner	Feng Li	4.00	10/20
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EAAS GU4111 Modern Chinese Poetry in a Global Context. 4.00 points.

In this course, we will take modern Chinese poetry as a crucible in which we can observe the interacting forces of literary history and social change. From diplomats who saw poetry as a medium for cultural translation between China and the world, to revolutionaries who enlisted poetry in the project of social transformation, we will examine the lives and works of some of China's most prominent poets and ask, what can we learn about modern China from reading their poetry? In addition to poems, the course will include fiction, essays, photographs, and films by both Chinese and non-Chinese artists that place our poets in a broader context; topics of discussion include national identity, revolution, translation, gender, the body, ethnicity, and technology

EARL GU4120 CHAN/ZEN BUDDHISM. 4.00 points.

Prerequisites: Some background in East Asian Buddhism, or instructor permission required.

Prerequisites: Some background in East Asian Buddhism, or instructor permission required. Zen has become a household term, but the reality behind this term is not well known. Originating in China around the 6th century C.E. the Chan/Zen tradition became one of the major Buddhist schools and rapidly spread to Korea, Japan, Vietnam (and, to a certain extent, Tibet). This course examines some aspects of this tradition, emphasizing its historical development, its mythological elements, and its multifaceted practice, which has for too long been reduced in the Western mind to meditation

Spring 2023: EARL GU4120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4120 001/10975		W 2:10pm - 4:00pm 405 Kent Hall	Bernard Faure	4.00	15/20

EAAS GU4122 Japanese New Wave and Cinematic Modernism. 4 points.

This course will delve into an analytical reconsideration of postwar Japanese cinema specifically from the perspective of the Japanese New Wave. While we will aim to capture the exhilaration of the Japanese New Wave by closely analyzing existing studies on some of its key makers and their works, special attention will be given to what is left out of the category as it is conventionally understood, drawing on marginalized works and genres, such as educational and industrial films as well as pink films.

EAAS GU4160 CULTURES IN COLONIAL KOREA. 3.00 points.

This course examines the processes of colonization that played a central role in locating Korea in an integrated world in the first half of the twentieth century. We will analyze the ways in which the intersections among an array of contemporary global issues and concerns (to name a few- social Darwinism, migration, urban space, gender, sexuality, militarism, race,

liberalism, socialism, capitalism) shaped the modern experience in Korea under Japanese rule (1910-1945). Our approach will be multidisciplinary. We will look, for example, at art, architecture, literature, film, philosophy, religion, and historiography. Throughout, we will pay special attention to the place of Korea and Koreans in the expanding Japanese empire and, more broadly, in the global colonial context. Class will be held as a discussion seminar based on close reading of primary-source documents and recent scholarship.

Spring 2023: EAAS GU4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4160	001/10968	W 4:10pm - 6:00pm 313 Hamilton Hall	Theodore Hughes	3.00	20/20

EAAS GU4217 CHINA ON STAGE. 4.00 points.

This course explores how Chinese identity and society have been staged in theatre productions over the past century. Course content includes play scripts in English translation, videos, photographs, archival materials, and English-language books and articles about Chinese theater

HSEA GU4218 Toward an intellectual history of Vietnam in the 20th century. 3.00 points.

This course traces the transformation of Vietnamese intellectual activity in the 20th century across a number of major social and political changes, from colonialism to socialism. It considers the circulation of ideas, religion, and cultural productions in shaping intellectual thought and Vietnamese history on a larger scale

HSEA GU4220 ISLAM IN CHINA AND INNER ASIA. 4.00 points.

This seminar surveys the history of Islam, both in the Chinese interior and neighboring Inner Asia (primarily Xinjiang), from its arrival to the present day. Beginning with the first legendary accounts of migration from the Middle East to China, we trace the growth of an identifiable Muslim community in the age of the Mongol empire, then look at Ming China's interactions with the Islamic world, the Qing expansion into Inner Asia, and conclude by discussing modernist and nationalist trends of the twentieth-century

EAAS GU4226 GENDER, CLASS, REAL ESTATE-CHINA. 4.00 points.

This is a seminar for advanced undergraduates and master's degree students, which explores the socioeconomic consequences of China's development of a boom, urban residential real-estate market since the privatization of housing at the end of the 1990s. We will use the intersecting lenses of gender/sexuality, class and race/ethnicity to analyze the dramatic new inequalities created in arguably the largest and fastest accumulation of residential-real estate wealth in history. We will examine topics such as how skyrocketing home prices and state-led urbanization have created winners and losers based on gender, sexuality, class, race/ethnicity and location (hukou), as China strives to transform from a predominantly rural population to one that is 60 percent urban by 2020. We explore the vastly divergent effects of urban real-estate

development on Chinese citizens, from the most marginalized communities in remote regions of Tibet and Xinjiang to hyper-wealthy investors in Manhattan. Although this course has no formal prerequisites, it assumes some basic knowledge of Chinese history. If you have never taken a course on China before, please ask me for guidance on whether or not this class is suitable for you. The syllabus is preliminary and subject to change based on breaking news events and the needs of the class

Fall 2022: EAAS GU4226

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4226	001/10704	W 2:10pm - 4:00pm 302 Fayerweather	Leta Hong Fincher	4.00	24/24

EAAS GU4236 CHINA'S LONG 1980's: INTERROGATING THE CULTURAL POLITICS OF REFORM AND OPENING. 4 points.

This course examines the experiences and legacies of China's "long 1980s" (1978-1992), a time characterized by a state-led turn from central planning to a market approach to economic and social governance, an increasing integration of China into the world economy, and the emergence of a "cultural fever" characterized by artistic experimentations at all levels of society.

EARL GU4310 LIFE WRIT/TIBET BUDDHIST LIT. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course engages the genre of life writing in Tibetan Buddhist culture, addressing the permeable and fluid nature of this important sphere of Tibetan literature. Through Tibetan biographies, hagiographies, and autobiographies, the class will consider questions about how life-writing overlaps with religious doctrine, philosophy, and history. For comparative purposes, we will read life writing from Western (and Japanese or Chinese) authors, for instance accounts of the lives of Christian saints, raising questions about the cultural relativity of what makes up a life's story

EARL GU4312 TIBETAN SACRED SPACE(IN COMPARATIVE CONT. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Through interdisciplinary theoretical approaches (mostly in the fields of religion, anthropology, literature, and history), this course engages the genre of writing about sacred space in Tibetan Buddhist culture, addressing the micro (built environment) and macro (natural environment) levels of this important sphere of Tibetan literature. Through Tibetan pilgrimage accounts, place (monasteries, temples, etc) based guidebooks, geographically focused biographies, and pictorial representations of place, the class will consider questions about how place-writing overlaps with religious practice, politics, and history. For comparative purposes, we will read place based writing from Western and other Asian authors, for instance accounts of the guidebooks to and inscriptions at Christian

churches, raising questions about the cultural relativity of what makes up sacred space.

Fall 2022: EARL GU4312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4312	001/10662	Th 10:10am - 12:00pm 405 Kent Hall	Gray Tuttle	4.00	14/15

EARL GU4320 BUDDHISM AND KOREAN CULTURE. 4.00 points.

Since Buddhism was introduced to Korea 1,600 years ago, the religion has had great impact on almost all aspects of the Korean society, making significant contributions to the distinct development of Korean culture. In this course, we will explore how Buddhism has influenced and interacted with various fields of Korean culture such as art, architecture, literature, philosophy, politics, religions, and popular culture. Buddhist scriptures, written in classical Chinese, with their colorful imaginations, have stimulated the development of Korean literature. Buddhist art, sculpture, and architecture have also catalyzed the Korean counterparts to bloom. The sophisticated philosophy and worldview of Buddhism, along with its diverse religious practices and rituals have added richness to the spiritual life of Korean people. Buddhism also attracted a significant number of followers, often playing important roles in politics. Throughout the course, we will not only investigate the influence of Buddhism on diverse aspects of Korean culture on their forms and at their depths, but also examine the interactions between Buddhism and other religions, as well as politics. Students will learn how Korean people have formed and reformed Korean culture through the medium of Buddhism

Fall 2022: EARL GU4320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4320	001/10663	W 2:10pm - 4:00pm 522c Kent Hall	Seong-Uk Kim	4.00	12/15

EARL GU4328 Texts, Paintings, and Images of Korean Religions. 3.00 points.

The course explores the doctrines, practices, and rituals of Korean religions through iconic texts, paintings, and images. The texts, paintings, and images that the course covers include ghost stories, doctrinal exegeses and charts, missionary letters, polemical and apologetic writings, catechism, folklores, and ritual paintings

EAAS GU4334 Supernatural in Japanese Culture: Ghosts, Gods, and Animals. 4.00 points.

Covering a period from the 7th century to the present, this class draws on Japanese literature, folklore, painting, performance, and anime, to explore the world of the supernatural, particularly the role of ghosts, gods, demons, animals, and nature. Students are introduced to various strands of popular religion, including Buddhist cosmologies and native beliefs about nature and human life, with special attention to the relationship between the living and the dead, and explore the role of human

intermediaries. The course looks at these texts and media in relationship to the local community, gender, social and occupational status, environment (both natural and urban), and historical period, exploring issues of social identity and power

EAAS GU4352 The Fantastic World of Knights-Errant in Chinese Literature. 4.00 points.

This course approaches the Chinese knight-errant, often seen in the Kungfu films (most recently *Mulan* 2020), both as a historical fact and a literary imagination. It provides students with a broad overview of Chinese literature until the twentieth century, to familiarize students with the most prominent literary genres of each time period, from official history to classical poetry, from classical tale to vernacular fiction, from drama to film. Through reading/viewing the knight-errant literature, we will discuss issues including translation and comparative studies, "history" writing and forming, literary genre and media, gender boundary and transgression, national and trans-national

EARL GU4410 TIBETAN MONASTIC INSTITUTIONS. 4.00 points.

Through interdisciplinary theoretical approaches (mostly in the fields of religion, anthropology, and history), this course examines THE key institution in Tibetan culture, namely monasteries. We will address the monastery from many different angles, from the physical infrastructure and soteriological justification to its governing documents as well as economic and educational roles

Spring 2023: EARL GU4410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4410	001/10998	M 10:10am - 12:00pm 613 Hamilton Hall	Gray Tuttle	4.00	8/15

EAAS GU4425 Women, Body, and Borders in Japanese Literature and Culture. 4.00 points.

The aim of this course is to examine the interrelated concepts of body, borders, gender construction, and sexuality as expressed in Japanese literature, religion, and culture from the premodern period to the present. We will use a variety of media including oral literature, narrative fiction, noh play, early modern comic literature, novel, film, and anime

Fall 2022: EAAS GU4425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4425	001/12762	T 2:10pm - 4:00pm 401 Hamilton Hall	Yiwen Shen	4.00	12/15

EAAS GU4445 Proletarian Asia - working-class culture from 1930s to present. 4.00 points.

From Bong Joon-ho's runaway success *Parasite*, to manga adaptations of Kobayashi Takiji's novel *The Crab Cannery Ship*, to the proliferation of Chinese migrant worker poetry, recent developments in the cultural landscape of East Asia have seen a renewed concern with the plight of workers and other sections of the oppressed under conditions of late capitalism. This course offers students the opportunity to situate these developments within an extended historical trajectory as the basis on which to think about the relation of radical histories

to our present and possible future. It does so by integrating contemporary cultural texts with earlier cultural experiments that arose amidst the political turbulence of the 1930s across a range of locations in East Asia

EAAS GU4520 MODERN KOREAN LIT IN TRANSLATN. 3.00 points.

EAAS GU4553 SURVEY OF TIBETAN LITERATURE. 4.00 points.

Designed for both undergraduate and graduate students, this course introduces Tibetan belles-lettres and vernacular works (all in English translation) spanning from the imperial period to the present day. We will engage in close readings, together with discussion of the genre each text represents and its salience in current Tibetan intellectual discourse. In the final four weeks, we will read landmark works from the post-Mao period, with a view to the negotiation of traditional forms amidst the advent of new literary genres and the economics of cultural production. Questions to address include: How have Tibetan literary forms and content developed throughout history? How has the very concept of "Tibetan literature" been conceived? How have Tibetan writers and scholars—past and present—negotiated literary innovation? Each session will consist of a brief lecture followed by discussion. Lectures will incrementally provide students with a general timeline of Tibetan literary and related historical developments, as well as biographical material regarding the authors assigned for that week. Tibetan language students and heritage learners will be offered three optional sessions to read excerpts of selected texts in Tibetan

EAAS GU4558 Tibetan Science - Medicine, Knowledge, and the State on the Roof of the World. 4.00 points.

This course aims to pose the question of what 'science' can be in Tibetan and Himalayan cultures, and to examine these 'sciences' in their social, religious, political, transnational, and inter-cultural dimensions. Especially through the field of medicine, it explores the main developments of Tibetan knowledge mostly during the modern era from the 17th century onward, building on both ethnography and primary and secondary written sources. This course pays particular attention to the relation of this knowledge to various states, centralizing institutions, and policies and practices of legitimization, and further to the modernization and globalization of the production, application, and consumption of Tibetan medical knowledge, including during the current Covid-19 pandemic

EAAS GU4565 TIBET IN THE WORLD: CULTURAL PRODUCTION AND SOCIAL CHANGE. 4.00 points.

This course explores the intersection of cultural production with national policies and global economies in the context of Tibet. We will focus not on colonial sources (Mythos Tibet) but on a wide range of representational and expressive practices by contemporary Tibetans in film, literature, music, social media, art, performance, local museums, etc. -- all since the 1990s. Tibetan cultural production today is at once localized and transnational, whether it is the vision and work of artists in the People's Republic of China or the creation of Tibetans living in the diaspora. We will explore the impact of colonialism and

socioeconomic marginalization on the de-centering and re-centering of ethnicity and identity in education, publishing, and the arts. How do Tibetan artists, musicians, filmmakers, writers, comedians, and other cultural producers negotiate the complexities of modernity, secularization, globalization and political agendas, vis-à-vis incentives to preserve traditions, while engaging creatively? Each week will focus on 2 to 3 primary sources and 1 or 2 related secondary readings. Our discussions of the primary source materials (film screenings, readings, artwork, performances, etc.) will be enriched with readings in Cultural Studies, sociology, and anthropology, and by conversations with area artists

EAAS GU4572 CHINESE DOCUMENTARY CINEMA. 4.00 points.

What defines a "documentary" film? How do documentaries inform, provoke and move us? What formal devices and aesthetic strategies do documentaries use to construct visions of reality and proclaim them as authentic, credible and authoritative? What can documentary cinema teach us about the changing Chinese society, and about cinema as a medium for social engagement? This seminar introduces students to the aesthetics, epistemology and politics of documentary cinema in China from the 1940s to the present, with an emphasis on contemporary films produced in the past two decades. We examine how documentaries contended history, registered subaltern experiences, engaged with issues of gender, ethnicity and class, and built new communities of testimony and activism to foster social change. Besides documentaries made by Chinese filmmakers, we also include a small number of films made on China by western filmmakers, including those by Joris Ivens, Michelangelo Antonioni, Frank Capra and Carma Hinton. Topics include documentary poetics and aesthetics, evidence, performance and authenticity, the porous boundaries between documentary and fiction, and documentary ethics. As cinema is, among other things, a creative practice, in this course, students will be given opportunities to respond to films analytically and creatively, through writing as well as creative visual projects

Spring 2023: EAAS GU4572

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4572	001/10969	T 4:10pm - 6:00pm 405 Kent Hall	Ying Qian	4.00	22/23

EAAS GU4625 Socialist China in the Western Gaze (1949-1978). 4.00 points.

This seminar attempts to historicize China's contemporary cultural diplomacy initiatives by examining the nation's place in the world from the 1950s to the 1970s. Topics include China's role in the socialist world of the 1950s and 1960s, global Maoist political movements, socialist China in the imagination of Western intellectuals, Western fascination with Maoist "people's" science, and controversies over the depiction of China in 1970s European documentary cinema

HSEA GU4720 20TH CENTURY TIBETAN HISTORY. 4.00 points.

This course is designed for students interested in gaining a broad view of Tibetan history in the 20th century. We will cover the institutional history of major Tibetan state institutions and their rivals in the Tibetan borderlands, as well as the relations with China, Britain, and America. Discussion sessions throughout the semester will focus on important historical issues. *Group(s): C*

EAAS GU4730 Science and Technology in Chinese Media Cultures. 4.00 points.

Covering a period from the late 19th century to the present, this class explores how ideas and practices in science and technology have historically entered popular imagination, social organization and political contestation, as they become mediated by various media forms and technologies such as photography, cinema, novels, television, video, internet platforms and data algorithms. In particular, we focus on how science and technology have shaped our understandings of the human body, and impacted on the various bodily experiences, from perception, cognition, to emotion and connection with others in the environment. This class helps students read media artefacts in a historically grounded and conceptually generative way, understanding media artefacts as historically conditioned, yet offering us resources for envisioning the future

EAAS GU4777 A Thousand-Year Old Romance: Reading The Tale of Genji Across the Ages, Media, and Genres. 4.00 points.

This course presents a synchronous and diachronous exploration of The Tale of Genji, a masterpiece of Japanese literature. During the first half of the course, students will read the entire English translation of the tale, as well as a number of other primary texts from roughly the same time period in order to gain an understanding of the sociohistorical and literary context in which the tale came about, while the second half of the course is devoted to the reception and adaptations of the tale across various media, genres, and time periods, ranging from commentaries, noh plays, traditional paintings and even “fan fiction” to modern novels and manga. The aim of the course is to provide the students with an understanding of The Tale of Genji’s place within the Japanese literary tradition, and the impact it has had and continues to exert on all facets of Japanese culture

EAAS GU4810 WOMEN AND LITERARY CULTURE IN JAPAN. 4.00 points.

Japan has a long tradition of highly sophisticated vernacular literature (poetry, prose fiction, essays and poetic memoirs) by aristocratic court women, particularly from the tenth- and eleventh-century, including The Tale of Genji, often considered the world’s first psychological novel. Writings by women in the early period had a deep impact on subsequent cultural production, and these vernacular writings (as well as the figure of these early women writers) acquired a new, contested significance from the end of the nineteenth century as part of the process of modern nation-building. Gender became a major

organizing category in constructing discourse on literature, literary language, and literary modernity, particularly with regard to the novel. This seminar engages in close readings and discussion of selected works from the eleventh-century to twentieth-century Japan with particular attention to the genealogy of women’s writings and changing representations of women, gender, and social relations. Issues include: genre, media, intertextuality, and literary communities; body and sexuality; and in the modern period, the “woman question” and global feminisms as well as authorship and authority. All readings are in English. Original texts will be provided for those who can read in the original

HSEA GU4860 SOC OF CHOSON KOREA 1392-1910. 4.00 points.

Major cultural, political, social, economic and literary issues in the history of this 500-year long period. Reading and discussion of primary texts (in translation) and major scholarly works. All readings will be in English

Spring 2023: HSEA GU4860

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4860	001/11082	M 2:10pm - 4:00pm 522c Kent Hall	Jungwon Kim	4.00	13/15

HSEA GU4880 HISTORY OF MODERN CHINA I. 3.00 points.

China’s transformation under its last imperial rulers, with special emphasis on economic, legal, political, and cultural change

Fall 2022: HSEA GU4880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4880	001/10667	T Th 4:10pm - 5:25pm 413 Kent Hall	Madeleine Zelin	3.00	47/60

HSEA GU4882 HISTORY OF MODERN CHINA II. 3.00 points.

China’s search for a new order in the long twentieth century with a focus on political, social and cultural change

Spring 2023: HSEA GU4882

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4882	001/10979	T Th 10:10am - 11:25am 414 Pupin Laboratories	Dongxin Zou	3.00	15/30

HSEA GU4888 WOMEN & GENDER IN KOREAN. 4 points.

While the rise of women’s history and feminist theory in the 1960s and 1970s fostered more general reevaluations of social and cultural history in the West, such progressions have been far more modest in Korean history. To introduce one of the larger challenges in current Korean historiography, this course explores the experiences, consciousness and representations of women Korea at home and abroad from premodern times to the present. Historical studies of women and gender in Korea will be analyzed in conjunction with theories of Western

women's history to encourage new methods of rethinking "patriarchy" within the Korean context. By tracing the lives of women from various socio-cultural aspects and examining the multiple interactions between the state, local community, family and individual, women's places in the family and in society, their relationships with one another and men, and the evolution of ideas about gender and sexuality throughout Korea's complicated past will be reexamined through concrete topics with historical specificity and as many primary sources as possible. With understanding dynamics of women's lives in Korean society, this class will build an important bridge to understand the construction of New Women in early twentieth-century Korea, when women from all walks of life had to accommodate their "old-style" predecessors and transform themselves to new women, as well as the lives of contemporary Korean women. This will be very much a reading-and-discussion course. Lectures will review the readings in historical perspective and supplement them. The period to be studied ranges from the pre-modern time up to the turn of twentieth century, with special attention to the early modern period.

HSEA GU4891 LAW IN CHINESE HISTORY. 4.00 points.

An introduction to major issues of concern to legal historians as viewed through the lens of Chinese legal history. Issues covered include civil and criminal law, formal and informal justice, law and the family, law and the economy, the search for law beyond state-made law and legal codes, and the question of rule of law in China. Chinese codes and court case records and other primary materials in translation will be analyzed to develop a sense of the legal system in theory and in practice

CHINESE LANGUAGE COURSES

CHNS UN1010 INTRODUCTORY CHINESE A. 2.50 points.

The program is designed to develop basic skills in listening, speaking, reading and writing colloquial Chinese. This course is divided into two parts: Introductory Chinese A and Introductory Chinese B. The two parts together cover the same materials as CHNS UN1101 FIRST YEAR CHINESE I

Spring 2023: CHNS UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1010	001/11592	M W 8:50am - 9:55am 522b Kent Hall	Yaxi Zheng	2.50	7/15
CHNS 1010	002/11594	T Th 8:50am - 9:55am 522b Kent Hall	Shaoyan Qi	2.50	6/15
CHNS 1010	003/11595	M W 11:40am - 12:45pm 413 Hamilton Hall	Yaxi Zheng	2.50	10/15
CHNS 1010	004/11596	T Th 11:40am - 12:45pm 522b Kent Hall	Shaoyan Qi	2.50	6/15

CHNS UN1011 INTRODUCTORY CHINESE B. 2.50 points.

Prerequisites: CHNS UN1010 Introductory Chinese A or the equivalent. The program is designed to develop basic skills in listening, speaking, reading and writing colloquial Chinese. This course is divided into two parts: Introductory Chinese A and Introductory Chinese B. The two parts combined cover the same materials as CHNS 1101 FIRST YEAR CHINESE I and fulfill the requirement for admission to CHNS 1102 FIRST YEAR CHINESE II

Fall 2022: CHNS UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1011	001/10501	M W 8:50am - 9:55am 522a Kent Hall	Yaxi Zheng	2.50	7/15
CHNS 1011	002/10502	M W 11:40am - 12:45pm 522b Kent Hall	Yaxi Zheng	2.50	8/15

CHNS UN1101 FIRST YEAR CHINESE I. 5.00 points.

First Year Chinese I, CHNS1101UN, 4 points. You are required to take First Year Chinese II, CHNS1102UN, 4 points with this course. Instructor: TBD Prerequisites: None Texts: Approaching China (Columbia University staff, published by Peking University Press) Introduces basic sentence structures and vocabulary in colloquial Chinese and focuses on developing basic skills in listening, speaking, reading, and writing. The Pinyin system and traditional characters are used. To enroll in this course, you must apply to the Virtual Columbia Summer Chinese Language program through the Center for Undergraduate Global Engagement (UGE). Global Learning Scholarships available. Tuition charges apply. Please note the program dates are different from the Summer Term A # B dates

Fall 2022: CHNS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1101	001/10503	M T W Th 8:50am - 9:55am 522c Kent Hall	Ling Yan	5.00	15/15
CHNS 1101	002/10505	M T W Th 10:10am - 11:15am 476a Alfred Lerner Hall	Tao Peng	5.00	9/15
CHNS 1101	003/10506	M T W Th 11:40am - 12:45pm 424 Kent Hall	Lingjun Hu	5.00	13/15
CHNS 1101	004/10507	M T W Th 2:40pm - 3:45pm 522b Kent Hall	Yike Li	5.00	16/15
CHNS 1101	005/11070	M T W Th 4:10pm - 5:15pm 423 Kent Hall	Kaidi Chen	5.00	12/15

Summer 2023: CHNS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1101	001/11024		Yike Li	5.00	0/20

CHNS UN1102 FIRST YEAR CHINESE II, First-Year Chinese II (N). 5.00, 5 points.

, Enrollment limited to 18. Additional weekly oral session and lab to be arranged.

First Year Chinese II, CHNS1102UN, 4 points. You are required to take First Year Chinese I, CHNS1101UN, 4 points with this course. Instructor: TBD Prerequisites: None Texts: Approaching China (Columbia University staff, published by Peking University Press) Introduces basic sentence structures and vocabulary in colloquial Chinese and focuses on developing basic skills in listening, speaking, reading, and writing. The Pinyin system and traditional characters are used. To enroll in this course, you must apply to the Virtual Columbia Summer Chinese Language program through the Center for Undergraduate Global Engagement (UGE). Global Learning Scholarships available. Tuition charges apply. Please note the program dates are different from the Summer Term A # B dates. ,

The course is designed to develop basic skills in understanding, speaking, reading, and writing modern colloquial Chinese. Standard Chinese pronunciation, traditional characters. **Students who can already speak Mandarin will not be accepted into this course.** Section subject to cancellation if under-enrolled. CC GS EN CE

Fall 2022: CHNS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1102	001/10508	M T W Th 1:10pm - 2:15pm 411 Kent Hall	Tianqi Jiang	5	3/15

Spring 2023: CHNS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1102	001/11597	M T W Th 8:50am - 9:55am 424 Kent Hall	Ling Yan	5	14/15
CHNS 1102	002/11598	M T W Th 10:10am - 11:15am 4c Kraft Center	Tao Peng	5	9/15
CHNS 1102	003/11599	M T W Th 11:40am - 12:45pm 423 Kent Hall	Lingjun Hu	5	14/15
CHNS 1102	004/11600	M T W Th 2:40pm - 3:45pm 522b Kent Hall	Yike Li	5	15/15
CHNS 1102	005/11601	M T W Th 4:10pm - 5:15pm 424 Kent Hall	Kaidi Chen	5	15/15

Summer 2023: CHNS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1102	001/11025		Yike Li	5	0/20

CHNS UN1111 FIRST YEAR CHINESE W. 5.00 points.

The course is specially designed for students of Chinese heritage and advanced beginners with good speaking skills. It aims to develop the student's basic skills to read and write modern colloquial Chinese. Pinyin system is introduced;

standard Chinese pronunciation, and traditional characters. Classes will be conducted mostly in Chinese. Open to students with Mandarin speaking ability in Chinese only. CC GS EN CE

Fall 2022: CHNS UN1111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1111	001/10509	M W F 10:10am - 11:25am 424 Kent Hall	Tianqi Jiang	5.00	17/16
CHNS 1111	002/10510	M T Th 4:10pm - 5:25pm 328 Uris Hall	Hailong Wang	5.00	13/15

CHNS UN1112 FIRST YEAR CHINESE W II. 5.00 points.

The course is specially designed for students of Chinese heritage and advanced beginners with good speaking skills. It aims to develop the students basic skills to read and write modern colloquial Chinese. Pinyin system is introduced; standard Chinese pronunciation, and traditional characters. Classes will be conducted mostly in Chinese. Open to students with Mandarin speaking ability in Chinese only. CC GS EN CE

Spring 2023: CHNS UN1112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1112	001/11602	M W F 10:10am - 11:25am 411 Kent Hall	Tianqi Jiang	5.00	16/16
CHNS 1112	002/11603	M T Th 4:10pm - 5:25pm 423 Kent Hall	Hailong Wang	5.00	11/15

CHNS UN1115 Accelerated First Year Chinese (W). 5.00 points.

Accelerated First Year Chinese is an introductory course for heritage Chinese language learners who have native or near-native speaking skills but have little or no knowledge of scripts system of Chinese. Students with an upbringing or long-term exposure to oral Chinese language use can take this course to develop their literacy skills and to gain a deeper understanding of the Chinese culture

CHNS UN2201 SECOND YEAR CHINESE I. 5.00 points.

Second Year Chinese I, CHNS2201UN, 4 points. You are required to take First Year Chinese II, CHNS2202UN, 4 points with this course. Instructor: Lingjun Hu Prerequisites: One (1) year of college-level Chinese or the equivalent Texts: Jingua Chinese (Columbia University staff, published by Peking University Press; traditional and simplified characters) Consolidates and develops language skills used in everyday communication. Texts are presented in the form of a narrative that provides language situations, sentence patterns, word usage, and cultural information. Comprehensive exercises rely on highly structured practice in vocabulary, grammar, listening, speaking, reading, and writing. Semi-formal and literary styles are introduced in later lessons as transition to more advanced levels of Chinese language study. The first half of the course emphasizes skills for conducting everyday tasks such as shopping, making telephone calls, seeing a doctor, or looking for a job. The second half focuses on aspects of Chinese culture: the social norms of politeness and gift-giving,

traditions such as inter-generational relationships and marriage ceremonies, customs such as special foods and holidays. While providing practical training, the course aims to raise the student's linguistic competence in preparation for advanced studies in Mandarin. To enroll in this course, you must apply to the Virtual Columbia Summer Chinese Language program through the Center for Undergraduate Global Engagement (UGE). Global Learning Scholarships available. Tuition charges apply. Please note the program dates are different from the Summer Term A # B dates

Fall 2022: CHNS UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2201	001/10512	M T W Th 10:10am - 11:15am 4a Kraft Center	Shaoyan Qi	5.00	12/15
CHNS 2201	002/10513	M T W Th 11:40am - 12:45pm 4c Kraft Center	Jia Xu	5.00	12/15
CHNS 2201	003/10514	M T W Th 1:10pm - 2:15pm 522b Kent Hall	Yike Li	5.00	17/16
CHNS 2201	004/11071	M T W Th 2:40pm - 3:45pm 423 Kent Hall	Yanwen Wu	5.00	10/15
CHNS 2201	005/11072	M T W Th 6:10pm - 7:15pm 522b Kent Hall	Kaidi Chen	5.00	7/15

Spring 2023: CHNS UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2201	001/11604	M T W Th 4:10pm - 5:15pm 522b Kent Hall	Yike Li	5.00	4/15

Summer 2023: CHNS UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2201	001/11026		Lingjun Hu	5.00	0/20

CHNS UN2202 SECOND YEAR CHINESE II. 5.00 points.

Second Year Chinese II, CHNS2202UN, 4 points. You are required to take First Year Chinese I, CHNS2201UN, 4 points with this course. Instructor: Lingjun Hu Prerequisites: One (1) year of college-level Chinese or the equivalent Texts: *Jingua Chinese* (Columbia University staff, published by Peking University Press; traditional and simplified characters) Consolidates and develops language skills used in everyday communication. Texts are presented in the form of a narrative that provides language situations, sentence patterns, word usage, and cultural information. Comprehensive exercises rely on highly structured practice in vocabulary, grammar, listening, speaking, reading, and writing. Semi-formal and literary styles are introduced in later lessons as transition to more advanced levels of Chinese language study. The first half of the course emphasizes skills for conducting everyday tasks such as shopping, making telephone calls, seeing a doctor, or looking for a job. The second half focuses on aspects of Chinese culture: the social norms of politeness and gift-giving, traditions such as inter-generational relationships and marriage ceremonies, customs such as special foods and holidays.

While providing practical training, the course aims to raise the student's linguistic competence in preparation for advanced studies in Mandarin. To enroll in this course, you must apply to the Virtual Columbia Summer: Chinese Language program through the Center for Undergraduate Global Engagement (UGE). Global Learning Scholarships available. Tuition charges apply. Please note the program dates are different from the Summer Term A # B dates

Fall 2022: CHNS UN2202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2202	001/11073	M T W Th 4:10pm - 5:15pm 522d Kent Hall	Yike Li	5.00	9/15

Spring 2023: CHNS UN2202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2202	001/11605	M T W Th 10:10am - 11:15am 522b Kent Hall	Shaoyan Qi	5.00	9/15
CHNS 2202	002/11606	M T W Th 11:40am - 12:45pm 424 Kent Hall	Jia Xu	5.00	17/15
CHNS 2202	003/11607	M T W Th 1:10pm - 2:15pm 411 Kent Hall	Yanwen Wu	5.00	12/15
CHNS 2202	004/11609	M T W Th 2:40pm - 3:45pm 411 Kent Hall	Yanwen Wu	5.00	11/15
CHNS 2202	005/11610	M T W Th 6:10pm - 7:15pm 423 Kent Hall	Kaidi Chen	5.00	8/15

Summer 2023: CHNS UN2202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2202	001/11027		Lingjun Hu	5.00	0/20

CHNS UN2221 SECOND YEAR CHINESE W. 5.00 points.

Enrollment limited to 25.

Prerequisites: chns un1112 or the equivalent. See Admission to Language Courses.

Prerequisites: chns un1112 or the equivalent. See Admission to Language Courses. Continuation of CHNS UN1112, with a focus on reading comprehension and written Chinese.

Traditional characters. CC GS EN CE

Fall 2022: CHNS UN2221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2221	001/10515	M T Th 12:10pm - 1:25pm 329 Uris Hall	Yuan-Yuan Meng	5.00	11/15

CHNS UN2222 SECOND YEAR CHINESE W II. 5.00 points.

Prerequisites: CHNS C1112 or F1112, or the equivalent. See Admission to Language Courses. Continuation of CHNS C1112, with a focus on reading comprehension and written Chinese. Traditional characters. CC GS EN CE

Spring 2023: CHNS UN2222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 2222	001/11611	M T Th 12:10pm - 1:25pm 329 Uris Hall	Yuan-Yuan Meng	5.00	10/15

CHNS UN3003 THIRD YEAR CHINESE I. 5.00 points.

Third Year Chinese I, CHNS3003UN, 5 points. You are required to take Third Year Chinese II, CHNS3004UN, 5 points with this course. Instructor: Zhirong Wang Prerequisites: Two (2) years of college-level Chinese or the equivalent Texts: Jingua Chinese (Columbia University staff, published by Peking University Press; simplified characters) Introduces Chinese social values and attitudes, focusing on the rapid changes now taking place in China. Uses materials from Chinese newspapers and modern short stories to teach essential elements of semi-formal and formal writing. Reading and writing are routine tasks, and oral discussion and debate are important components of the class, allowing students to integrate and improve their communication skills in Chinese. To enroll in this course, you must apply to the Virtual Columbia Summer Chinese Language program through the Center for Undergraduate Global Engagement (UGE). Global Learning Scholarships available. Tuition charges apply. Please note the program dates are different from the Summer Term A # B dates

Fall 2022: CHNS UN3003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3003	001/10516	M T W Th 8:50am - 9:55am 424 Kent Hall	Zhirong Wang	5.00	7/15
CHNS 3003	002/10517	M T W Th 10:10am - 11:15am 4c Kraft Center	Jia Xu	5.00	14/15
CHNS 3003	003/10518	M T W Th 1:10pm - 2:15pm 424 Kent Hall	Lingjun Hu	5.00	7/15
CHNS 3003	004/11074	M T W Th 4:10pm - 5:15pm 424 Kent Hall	Yanwen Wu	5.00	2/15

Summer 2023: CHNS UN3003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3003	001/11028		Zhirong Wang	5.00	0/20

CHNS UN3006 THIRD YEAR CHINESE W II. 5.00 points.

Prerequisites: CHNS W4005 or the equivalent. Admission after Chinese placement exam and an oral proficiency interview with the instructor. Especially designed for students who possess good speaking ability and who wish to acquire practical writing skills as well as business-related vocabulary and speech patterns. Introduction to semiformal and formal Chinese used in everyday writing and social or business-related occasions. Simplified characters are introduced

Spring 2023: CHNS UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHNS 3006	001/11623	M W F 10:10am - 11:25am 329 Uris Hall	Hailong Wang	5.00	6/15
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CHNS UN3005 THIRD YEAR CHINESE W. 5.00 points.

Prerequisites: CHNS C1222 or F1222, or the equivalent.

Admission after Chinese placement exam and an oral proficiency interview with the instructor. Especially designed for students who possess good speaking ability and who wish to acquire practical writing skills as well as business-related vocabulary and speech patterns. Introduction to semiformal and formal Chinese used in everyday writing and social or business-related occasions. Simplified characters are introduced

Fall 2022: CHNS UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3005	001/10519	M W F 10:10am - 11:25am 316 Hamilton Hall	Hailong Wang	5.00	10/15

CHNS UN3004 THIRD YEAR CHINESE II. 5.00 points.

Third Year Chinese II, CHNS3004UN, 5 points. You are required to take Third Year Chinese I, CHNS3003UN, 5 points with this course. Instructor: Zhirong Wang Prerequisites: Two (2) years of college-level Chinese or the equivalent Texts: Jingua Chinese (Columbia University staff, published by Peking University Press; simplified characters) Introduces Chinese social values and attitudes, focusing on the rapid changes now taking place in China. Uses materials from Chinese newspapers and modern short stories to teach essential elements of semi-formal and formal writing. Reading and writing are routine tasks, and oral discussion and debate are important components of the class, allowing students to integrate and improve their communication skills in Chinese. To enroll in this course, you must apply to the Virtual Columbia Summer Chinese Language program through the Center for Undergraduate Global Engagement (UGE). Global Learning Scholarships available. Tuition charges apply. Please note the program dates are different from the Summer Term A # B dates

Spring 2023: CHNS UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3004	001/11618	M T W Th 8:50am - 9:55am 405 Kent Hall	Zhirong Wang	5.00	4/15
CHNS 3004	002/11619	M T W Th 10:10am - 11:15am 424 Kent Hall	Jia Xu	5.00	13/15
CHNS 3004	003/11620	M T W Th 1:10pm - 2:15pm 423 Kent Hall	Lingjun Hu	5.00	7/15
CHNS 3004	004/11621	M T W Th 4:10pm - 5:15pm 411 Kent Hall	Yanwen Wu	5.00	3/15

Summer 2023: CHNS UN3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3004	001/11038		Zhirong Wang	5.00	0/20

CHNS GU4012 BUSINESS CHINESE I. 4.00 points.

The Business Chinese I course is designed to prepare students to use Chinese in a present or future work situation. Students will develop skills in the practical principles of grammar, vocabulary, and cross-cultural understanding needed in today's business world

Fall 2022: CHNS GU4012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4012	001/10520	M T W 10:10am - 11:15am 476b Alfred Lerner Hall	Zhong Qi Shi	4.00	12/15

CHNS GU4013 BUSINESS CHINESE II. 4.00 points.

Prerequisites: two years of Chinese study at college level. This course is designed for students who have studied Chinese for two years at college level and are interested in business studies concerning China. It offers systematic descriptions of Chinese language used in business discourse. CC GS EN CE

Spring 2023: CHNS GU4013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4013	001/11624	M T W 1:10pm - 2:15pm 522b Kent Hall	Yike Li	4.00	16/15

CHNS GU4014 MEDIA CHINESE. 4.00 points.

Prerequisites: at least 3 years of intensive Chinese language training at college level and the instructor's permission. This advanced course is designed to specifically train students' listening and speaking skills in both formal and colloquial language through various Chinese media sources. Students view and discuss excerpts of Chinese TV news broadcasts, soap operas, and movie segments on a regular basis. Close reading of newspaper and internet articles and blogs supplements the training of verbal skills

Fall 2022: CHNS GU4014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4014	001/10521	M T Th 9:10am - 10:25am 501 International Affairs Bldg	Yuan-Yuan Meng	4.00	8/15

CHNS GU4016 FOURTH YEAR CHINESE II. 4.00 points.

Prerequisites: *CHNS G4015* or the equivalent.

This Level 4 Chinese language course emphasizes systematic development of lexical knowledge and the enhancement of reading and writing skills. Through an in-depth exploration of video clips, expository essays and short stories, students will expand their vocabulary, learn to analyze syntactically and semantically complicated texts, and develop their narrative and summary writing skills

Spring 2023: CHNS GU4016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4016	001/11626	M T W Th 10:10am - 11:05am 423 Kent Hall	Ling Yan	4.00	4/15

CHNS GU4015 MEDIA CHINESE II. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

This Level 4 Chinese language class engages students in reading and discussion of current events. Course materials consist of news stories, commentaries and documentary films. Topics covered for the summer term include US-China relations, China's economic development, China's rise, Chinese dissidents, and public health

Fall 2022: CHNS GU4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4015	001/10522	M T W Th 10:10am - 11:05am 423 Kent Hall	Ling Yan	4.00	4/15

Spring 2023: CHNS GU4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4015	001/11625	M T Th 9:10am - 10:25am 4a Kraft Center	Yuan-Yuan Meng	4.00	10/15

CHNS GU4017 FOURTH YEAR CHINESE ADV I. 4.00 points.

Prerequisites: CHNS W4006 or the equivalent. This is a non-consecutive reading course designed for those whose proficiency is above 4th level. See Admission to Language Courses. Selections from contemporary Chinese authors in both traditional and simplified characters with attention to expository, journalistic, and literary styles

Fall 2022: CHNS GU4017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4017	001/10523	M W F 11:40am - 12:55pm 476a Alfred Lerner Hall	Tao Peng	4.00	9/15

CHNS GU4018 FOURTH YEAR CHINESE ADV II. 4.00 points.

Prerequisites: *CHNS W4017* or the equivalent.

Prerequisites: CHNS W4017 or the equivalent. This is a non-consecutive reading course designed for those whose proficiency is above 4th level. See Admission to Language Courses. Selections from contemporary Chinese authors in both traditional and simplified characters with attention to expository, journalistic, and literary styles

Spring 2023: CHNS GU4018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4018	001/11627	M W F 11:40am - 12:55pm 4c Kraft Center	Tao Peng	4.00	7/15

CHNS GU4019 HISTORY OF CHINESE LANGUAGE. 3.00 points.

The evolution of the Chinese language. Topics include historical phonology, the Chinese script, the classical and literary languages, the standard language and major dialects, language and society, etc

Fall 2022: CHNS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4019	001/10524	T Th 10:10am - 11:25am 424 Kent Hall	Zhirong Wang	3.00	12/15

Spring 2023: CHNS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4019	001/11628	T Th 10:10am - 11:25am 405 Kent Hall	Zhirong Wang	3.00	12/15

CHNS GU4050 Legal Chinese. 4.00 points.

Legal Chinese is designed for students who have studied at least three years of Chinese (or the equivalent) and are interested in legal studies concerning China. This course offers systematic descriptions of Chinese language used in legal discourse, its vocabulary, syntactic structures and pragmatic functions

Spring 2023: CHNS GU4050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4050	001/11630	M W Th 11:40am - 12:55pm 522d Kent Hall	Tianqi Jiang	4.00	13/15

CHNS GU4105 Advanced Chinese Conversation and Composition. 4.00 points.

This course targets the development of productive skills. Course materials and homework assignments focus on helping students improve their abilities in describing people, places and objects, narrating events, stating opinions, and summarizing oral or written texts. The course culminates in a research project, for which students will investigate a problem related to one of the course topics

CHNS GU4112 ADVANCED BUSINESS CHINESE. 4.00 points.

Advanced Business Chinese is designed to help students who have studied at least three years of Chinese (or the equivalent) to achieve greater proficiency in the oral and written use of the language and gain knowledge in depth about China's business environment and proven strategies. Student will critically examine the successes and failures of firms within the Chinese business arena

Fall 2022: CHNS GU4112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4112	001/10525	M T W 11:40am - 12:45pm 476b Alfred Lerner Hall	Zhong Qi Shi	4.00	8/15

CHNS GU4113 Advanced Business Chinese II. 4.00 points.

Advanced Business Chinese II is the continuation of Advanced Business Chinese I, both of which are designed to help Columbia students who have achieved the advanced level of proficiency in Chinese use the language to communicate effectively in professional contexts. Topics to be discussed include, but are not limited to, the concept of Face, Guanxi/

Interpersonal obligations, Chinese modesty and humility, and Chinese style of negotiation and decision making

CHNS GU4301 INTRO TO CLASSICAL CHINESE I. 3.00 points.

Prerequisites: completion of three years of modern Chinese at least, or four years of Japanese or Korean

Fall 2022: CHNS GU4301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4301	001/10526	M W F 11:00am - 11:50am 405 Kent Hall	Lening Liu	3.00	16/20

CHNS GU4302 INTRO TO CLASSICAL CHINESE II. 3.00 points.

Prerequisites: *CHNS W3301*: Classical Chinese I; completion of three years of modern Chinese at least, or four years of Japanese or Korean.

Prerequisites: CHNS W3301: Classical Chinese I; completion of three years of modern Chinese at least, or four years of Japanese or Korean. Please see department. Prerequisites: CHNS W3301: Classical Chinese I; completion of three years of modern Chinese at least, or four years of Japanese or Korean

Spring 2023: CHNS GU4302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4302	001/10961	M T Th 11:00am - 11:50am 401 Hamilton Hall	Lu Kou	3.00	12/20

CHNS GU4507 Readings in Classical Chinese I. 4 points.

Prerequisites: *CHNS W3302* or the equivalent.

Admission after placement exam. Focusing on Tang and Song prose and poetry, introduces a broad variety of genres through close readings of chosen texts as well as the specific methods, skills, and tools to approach them. Strong emphasis on the grammatical and stylistic analysis of representative works. CC GS EN CE

Fall 2022: CHNS GU4507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4507	001/10652	T Th 10:10am - 11:25am 306 Uris Hall	Wei Shang	4	11/20

CHNS GU4508 READINGS IN CLASSICAL CHINESE. 4.00 points.

Prerequisites: *CHNS W4007* or the equivalent.

Prerequisites: CHNS W4007 or the equivalent. Admission after placement exam. Focusing on Tang and Song prose and poetry, introduces a broad variety of genres through close readings of chosen texts as well as the specific methods, skills, and tools to approach them. Strong emphasis on the grammatical and stylistic analysis of representative works. CC GS EN CE

Spring 2023: CHNS GU4508

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHNS 001/10962 W F 10:10am - Andrew 4.00 7/20
4508 11:25am Plaks
405 Kent Hall

CHNS GU4516 FIFTH YEAR CHINESE I. 4 points. updating...

Fall 2022: CHNS GU4516

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4516	001/10527	T Th 10:10am - 11:25am 255 International Affairs Bldg	Lening Liu	4	18/20

CHNS GU4904 ACQ OF CHINESE AS A 2ND LANG. 4.00 points.

For more than forty years, second language acquisition (SLA) has been emerging as an independent field of inquiry with its own research agenda and theoretical paradigms. The study of SLA is inherently interdisciplinary, as it draws on scholarship from the fields of linguistics, psychology, education, and sociology. This course explores how Chinese is acquired by non-native speakers. Students will learn about general phenomena and patterns during the process of acquiring a new language. They will become familiar with important core concepts, theoretical frameworks, and research practices of the field of SLA, with Chinese as the linguistic focus

Fall 2022: CHNS GU4904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4904	001/10528	T Th 2:40pm - 3:55pm 305 Uris Hall	Shaoyan Qi	4.00	3/15

JAPANESE LANGUAGE COURSES

JPNS UN1001 INTRODUCTORY JAPANESE A. 2.50 points.

Introductory Japanese A is an introduction to Japanese language and culture and is designed for students who have had little or no experience learning Japanese. The goal of this course is to develop four basic skills in modern Japanese with an emphasis on grammatical accuracy and socially appropriate language use. Upon successful completion of this course, students will be able to engage in basic daily conversations and to develop the ability to read and write hiragana as well as katakana. The sequence includes JPNS UN1001 Introductory Japanese A and JPNS UN1002 Introductory Japanese B. These courses combined (JPNS UN1001 and JPNS UN1002) are the equivalent to JPNS UN1101 First Year Japanese I and fulfills the requirement for admission to JPNS UN1102 First Year Japanese II

Spring 2023: JPNS UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1001	001/11802	M W 11:40am - 12:45pm 522b Kent Hall	Chikako Takahashi	2.50	14/16
JPNS 1001	002/11803	M W 5:40pm - 6:45pm 254 International Affairs Bldg	Chikako Takahashi	2.50	16/16

JPNS 1001	003/11804	T Th 11:40am - 12:45pm 4c Kraft Center	Miharu Nittono	2.50	11/12
JPNS 1001	004/11805	T Th 5:40pm - 6:45pm 254 International Affairs Bldg	Chikako Takahashi	2.50	12/12

JPNS UN1002 INTRODUCTORY JAPANESE B. 2.50 points.

Prerequisites: C or above in JPNS W1001 or pass the placement test. The sequence begins in the spring term. JPNS W1001-W1002 is equivalent to JPNS C1101 or F1101 and fulfills the requirement for admission to JPNS C1102 or F1102. Aims at the acquisition of basic Japanese grammar and Japanese culture with an emphasis on accurate communication in speaking and writing. CC GS EN CE GSAS

Fall 2022: JPNS UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1002	001/10529	M W 5:40pm - 6:45pm 411 Kent Hall	Chikako Takahashi	2.50	17/18
JPNS 1002	002/10530	T Th 5:40pm - 6:45pm 411 Kent Hall	Chikako Takahashi	2.50	10/12

JPNS UN1101 FIRST YEAR JAPANESE I. 5.00 points.

Basic training in Japanese through speaking, listening, reading and writing in various cultural contexts

Fall 2022: JPNS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1101	001/10531	M T W Th 8:50am - 9:55am 411 Kent Hall	Fumiko Nazikian	5.00	12/16
JPNS 1101	002/10532	M T W Th 10:10am - 11:15am 568 Alfred Lerner Hall	Mayumi Nishida, Shuichiro Takeda	5.00	8/12
JPNS 1101	003/10533	M T W Th 11:40am - 12:45pm 411 Kent Hall	Fumiko Nazikian	5.00	12/16
JPNS 1101	004/10534	M T W Th 11:40am - 12:45pm 477 Alfred Lerner Hall	Naoko Sourial	5.00	10/12
JPNS 1101	005/10535	M T W Th 1:10pm - 2:15pm 522d Kent Hall	Shuichiro Takeda	5.00	13/12
JPNS 1101	006/10536	M T W Th 2:40pm - 3:45pm 411 Kent Hall	Keiko Okamoto	5.00	12/12
JPNS 1101	007/10537	M T W Th 4:10pm - 5:15pm 411 Kent Hall	Chikako Takahashi	5.00	15/16

JPNS UN1102 FIRST YEAR JAPANESE II. 5.00 points.

Prerequisites: JPNS C1101, F1101, or W1001-W1002, or the equivalent. Basic training in Japanese through speaking, listening, reading and writing in various cultural contexts

Spring 2023: JPNS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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JPNS 1102	001/11806	M T W Th 8:50am - 9:55am 305 Uris Hall	Fumiko Nazikian	5.00	12/12
JPNS 1102	002/11807	M T W Th 10:10am - 11:15am 507 Lewisohn Hall	Shuichiro Takeda	5.00	8/12
JPNS 1102	003/11808	M T W Th 11:40am - 12:45pm 305 Uris Hall	Fumiko Nazikian	5.00	12/12
JPNS 1102	004/11809	M T W Th 11:40am - 12:45pm 568 Alfred Lerner Hall	Naoko Sourial	5.00	10/12
JPNS 1102	005/11810	M T W Th 1:10pm - 2:15pm 255 International Affairs Bldg	Shuichiro Takeda	5.00	10/12
JPNS 1102	006/11811	M T W Th 4:10pm - 5:15pm 254 International Affairs Bldg	Chikako Takahashi	5.00	15/17
JPNS 1102	007/14167	M T W Th 2:40pm - 3:45pm 255 International Affairs Bldg	Keiko Okamoto	5.00	12/12

JPNS UN2201 SECOND YEAR JAPANESE I. 5.00 points.

Prerequisites: JPNS C1102 or the equivalent. Further practice in the four language skills. Participation in a once a week conversation class is required

Fall 2022: JPNS UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 2201	001/10538	M T W Th 10:10am - 11:15am 477 Alfred Lerner Hall	Naoko Sourial	5.00	13/16
JPNS 2201	002/10539	M T W Th 11:40am - 12:45pm 307 Mathematics Building	Shigeru Eguchi	5.00	15/16
JPNS 2201	003/10540	M T W Th 1:10pm - 2:15pm 423 Kent Hall	Miharu Nittono	5.00	11/12
JPNS 2201	004/10541	M T W Th 4:10pm - 5:15pm 522b Kent Hall	Shigeru Eguchi	5.00	15/16

JPNS UN2202 SECOND YEAR JAPANESE II. 5.00 points.

Prerequisites: JPNS C1201 or the equivalent. Further practice in the four language skills. Participation in a once a week conversation class is required

Spring 2023: JPNS UN2202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 2202	001/11812	M T W Th 10:10am - 11:15am 568 Alfred Lerner Hall	Naoko Sourial	5.00	13/12
JPNS 2202	002/11813	M T W Th 11:40am - 12:45pm 411 Kent Hall	Shigeru Eguchi	5.00	13/12
JPNS 2202	003/11814	M T W Th 1:10pm - 2:15pm 4c Kraft Center	Miharu Nittono	5.00	8/12

JPNS 2202	004/11815	M T W Th 4:10pm - 5:15pm 522d Kent Hall	Shigeru Eguchi	5.00	11/12
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JPNS UN3005 THIRD YEAR JAPANESE I. 5.00 points.

Prerequisites: JPNS C1202 or the equivalent. Readings in authentic/semi-authentic texts, videos, and class discussions

Fall 2022: JPNS UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 3005	001/10542	M T W Th 10:10am - 11:15am 6c Kraft Center	Kyoko Loetscher	5.00	9/12
JPNS 3005	002/10543	M T W Th 11:40am - 12:45pm 522d Kent Hall	Keiko Okamoto	5.00	9/12

JPNS UN3006 THIRD YEAR JAPANESE II. 5.00 points.

Prerequisites: JPNS W4005 or the equivalent.

Prerequisites: JPNS W4005 or the equivalent. Readings in authentic/semi-authentic texts, videos, and class discussions

Spring 2023: JPNS UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 3006	001/11816	M T W Th 10:10am - 11:15am 6c Kraft Center	Kyoko Loetscher	5.00	9/12
JPNS 3006	002/11817	M T W Th 11:40am - 12:45pm 106b Lewisohn Hall	Keiko Okamoto	5.00	6/12

JPNS UN3401 JAPANESE POP CULTURE. 2 points.

This course examines various aspects of Japanese pop culture including but not limited to manga, anime, pop idols, and otaku (primary consumers of Japanese pop culture). The course will also discuss why Japanese pop culture is popular outside Japan such as the US and how it has been tailored to the local culture.

JPNS UN3402 JAPANESE POP CULTURE II. 2.50 points.

This Japanese language course examines various aspects of Japanese pop culture including, but not limited to anime, pop idols, music, and otaku. This is a Third Year Japanese Level course and will be conducted entirely in Japanese

JPNS GU4007 INTRO TO CLASSICAL JAPANESE I. 3.00 points.

Prerequisites: JPNS C1202 or the equivalent. Introduction to the fundamentals of classical Japanese grammar. Trains students to read Japanese historical and literary texts from the early period up to the 20th century

Fall 2022: JPNS GU4007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4007	001/11075	T Th 10:10am - 11:25am 522d Kent Hall	Charles Woolley	3.00	6/12

JPNS GU4008 READINGS IN CLASSICAL JAPANESE. 4.00 points.

Close readings of specific texts, as well as methods, skills, and tools

Spring 2023: JPNS GU4008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4008	001/10984	T Th 10:10am - 11:25am 606 Lewisohn Hall	Charles Woolley	4.00	4/15

JPNS GU4012 Fourth Year Business Japanese I. 4 points.

Prerequisites: Third Year Level Japanese I and II, or equivalent.

This course is designed for intermediate students to acquire advanced Japanese proficiency in all four skills: speaking, listening, writing, and reading with the focus on using Japanese in business settings. The main objective of this course is to foster not only students' practical communication skills in business Japanese but also to develop their ability to carry out business activities in a global society (a society of multiple languages and cultures) by incorporating interdisciplinary subjects.

JPNS GU4017 FOURTH YEAR JAPANESE I. 4.00 points.

Prerequisites: JPNS W4006 or the equivalent. Sections 1 # 2:

Readings of advanced modern literary, historical, political, and journalistic texts, and class discussions about current issues and videos. Exercises in scanning, comprehension, and English translation. Section 3: Designed for advanced students interested in developing skills for reading and comprehending modern Japanese scholarship

Fall 2022: JPNS GU4017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4017	001/10545	M W F 10:10am - 11:25am 522d Kent Hall	Shigeru Eguchi	4.00	9/12
JPNS 4017	002/10546	M W F 11:40am - 12:55pm 6c Kraft Center	Kyoko Loetscher	4.00	11/12

JPNS GU4018 FOURTH YEAR JAPANESE II. 4.00 points.

Prerequisites: JPNS W4017 or the equivalent.

Prerequisites: JPNS W4017 or the equivalent. Sections 1 - 2: Readings of advanced modern literary, historical, political, and journalistic texts, and class discussions about current issues and videos. Exercises in scanning, comprehension, and English translation. Section 3: Designed for advanced students interested in developing skills for reading and comprehending modern Japanese scholarship

Spring 2023: JPNS GU4018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4018	001/11819	M W F 10:10am - 11:25am 522d Kent Hall	Shigeru Eguchi	4.00	7/12
JPNS 4018	002/11820	M W F 11:40am - 12:55pm 6c Kraft Center	Kyoko Loetscher	4.00	11/12

KOREAN LANGUAGE COURSES**KORN UN1001 INTRODUCTORY KOREAN A. 2.50 points.**

This course provides basic training in listening, speaking, reading, and writing in Korean. Introductory Korean A is equivalent to the first half of First Year Korean I

Spring 2023: KORN UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1001	001/11022	M W 2:40pm - 3:45pm 308a Lewisohn Hall	Hyunkyu Yi	2.50	18/17
KORN 1001	002/11023	T Th 2:40pm - 3:45pm 308a Lewisohn Hall	Hyunkyu Yi	2.50	17/16
KORN 1001	003/11024	M W 11:40am - 12:45pm 522c Kent Hall	Ji-Young Jung	2.50	17/17
KORN 1001	004/11025	T Th 11:40am - 12:45pm 476a Alfred Lerner Hall	Beom Lee	2.50	15/16

KORN UN1002 INTRODUCTORY KOREAN B. 2.50 points.

This course is designed to develop basic skills in speaking, listening, reading and writing in Korean. Introductory Korean B is the equivalent to the second half of First Year Korean I

Fall 2022: KORN UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1002	001/10548	M W 2:40pm - 3:45pm 522d Kent Hall	Hyunkyu Yi	2.50	7/14
KORN 1002	002/10549	T Th 2:40pm - 3:45pm 522d Kent Hall	Hyunkyu Yi	2.50	11/14
KORN 1002	004/10551	T Th 11:40am - 12:45pm 522b Kent Hall	Beom Lee	2.50	7/14

KORN UN1101 FIRST YEAR KOREAN I. 5.00 points.

This course is designed to develop basic skills in speaking, listening, reading and writing in Korean

Fall 2022: KORN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1101	001/10552	M T W Th 8:50am - 9:55am 329 Uris Hall	Ji young Choi	5.00	13/14
KORN 1101	002/10553	M T W Th 10:10am - 11:15am 606 Lewisohn Hall	Hey-Ryoun Hong	5.00	11/14
KORN 1101	003/11069	M T W Th 11:40am - 12:45pm 606 Lewisohn Hall	Seunghyo Ryu	5.00	4/14
KORN 1101	004/10554	M T W Th 1:10pm - 2:15pm 4c Kraft Center	Ji-Young Jung	5.00	9/14
KORN 1101	005/10555	M T W Th 2:40pm - 3:45pm 254 International Affairs Bldg	Joowon Suh	5.00	13/14

KORN 006/10556 M T W Th 4:10pm Ji Kim 5.00 9/14
1101 - 5:15pm
305 Uris Hall

KORN UN1102 FIRST YEAR KOREAN II. 5.00 points.

An introduction to written and spoken Korean. Textbook:
Integrated Korean, Beginning I and II

Spring 2023: KORN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1102	001/11026	M T W Th 8:50am - 9:55am 411 Kent Hall	Hyunkyu Yi	5.00	13/14
KORN 1102	002/11027	M T W Th 10:10am - 11:15am 316 Hamilton Hall	Hey-Ryoun Hong	5.00	16/14
KORN 1102	003/11028	M T W Th 11:40am - 12:45pm 606 Lewisohn Hall	Seunghyo Ryu	5.00	6/14
KORN 1102	004/11029	M T W Th 1:10pm - 2:15pm 424 Kent Hall	Ji-Young Jung	5.00	13/14
KORN 1102	005/11030	M T W Th 2:40pm - 3:45pm 424 Kent Hall	Joowon Suh	5.00	12/14
KORN 1102	006/11031	M T W Th 4:10pm - 5:15pm 305 Uris Hall	Ji Kim	5.00	9/14

KORN UN2201 SECOND YEAR KOREAN I. 5.00 points.

Prerequisites: KORN W1102 or the equivalent. Consultation with the instructors is required before registration for section assignment. Further practice in reading, writing, listening comprehension, conversation, and grammar

Fall 2022: KORN UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 2201	001/10557	M T W Th 10:10am - 11:15am 212a Lewisohn Hall	YongJun Choi	5.00	4/14
KORN 2201	002/10558	M T W Th 11:40am - 12:45pm 507 Lewisohn Hall	Yun Kim	5.00	10/14
KORN 2201	003/10559	M T W Th 1:10pm - 2:15pm 305 Uris Hall	Eunice Chung	5.00	14/14
KORN 2201	004/10560	M T W Th 2:40pm - 3:45pm 327 Uris Hall	Beom Lee	5.00	12/14

KORN UN2202 SECOND YEAR KOREAN II. 5.00 points.

Prerequisites: KORN W1102 or the equivalent. Consultation with the instructors is required before registration for section assignment. Further practice in reading, writing, listening comprehension, conversation, and grammar

Spring 2023: KORN UN2202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 2202	001/11032	M T W Th 10:10am - 11:15am 522c Kent Hall	YongJun Choi	5.00	6/14
KORN 2202	002/11033	M T W Th 11:40am - 12:45pm 507 Lewisohn Hall	Yun Kim	5.00	7/14

KORN 003/11034 M T W Th 1:10pm Eunice 5.00 14/14
2202 - 2:15pm
476b Alfred Lerner Hall

KORN 004/11035 M T W Th 2:40pm Beom Lee 5.00 12/14
2202 - 3:45pm
423 Kent Hall

KORN UN2221 Accelerated Korean for Heritage Speakers I. 5.00 points.

This course is the first half of Accelerated Korean for Heritage Speakers. This course is designed specifically for heritage students who have some previous knowledge of Hangul and basic sentence patterns of everyday Korean. Upon completion of this course, students may advance to Accelerated Korean for Heritage Speakers II to complete the college's two-year foreign language requirement in one year

Fall 2022: KORN UN2221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 2221	001/12688	M T W Th 11:40am - 12:45pm 4a Kraft Center	Ji-Young Jung	5.00	6/14

KORN UN3005 THIRD YEAR KOREAN I. 5.00 points.

Prerequisites: KORN W1202 or the equivalent and consultation with instructor. (See Entrance to Language Courses Beyond the Elementary Level in the main bulletin under Department of Instruction -- East Asian Languages and Cultures.) Readings in modern Korean. Selections from modern Korean writings in literature, history, social sciences, culture, and videos and class discussions

Fall 2022: KORN UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 3005	001/10562	M T W Th 11:40am - 12:45pm Bwy Alfred Lerner Hall	Hyunkyu Yi	5.00	9/14
KORN 3005	002/10563	M T W Th 11:40am - 12:45pm 305 Uris Hall	Eunice Chung	5.00	9/14

KORN UN3006 THIRD YEAR KOREAN II. 5.00 points.

Prerequisites: KORN W1202 or the equivalent and consultation with instructor. (See Entrance to Language Courses Beyond the Elementary Level in the main bulletin under Department of Instruction -- East Asian Languages and Cultures.)

Prerequisites: KORN W1202 or the equivalent and consultation with instructor. (See Entrance to Language Courses Beyond the Elementary Level in the main bulletin under Department of Instruction -- East Asian Languages and Cultures.) Readings in modern Korean. Selections from modern Korean writings in literature, history, social sciences, culture, and videos and class discussions

Spring 2023: KORN UN3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 3006	001/11036	M T W Th 11:40am - 12:45pm 608 Lewisohn Hall	Hyunkyu Yi	5.00	7/14

KORN 002/11037 M T W Th 11:40am Eunice 5.00 10/14
3006 - 12:45pm Chung
476b Alfred Lerner
Hall

KORN GU4105 FOURTH YEAR KOREAN I. 4.00 points.

Prerequisites: KORN W4006 or the equivalent. Selections from advanced modern Korean writings in social sciences, literature, culture, history, journalistic texts, and intensive conversation exercises

Fall 2022: KORN GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4105	004/10564	M W Th 10:10am - 11:25am 522b Kent Hall	Beom Lee	4.00	8/12

KORN GU4106 FOURTH YEAR KOREAN II. 4.00 points.

Prerequisites: KORN W4006 or the equivalent.

Prerequisites: KORN W4006 or the equivalent. Selections from advanced modern Korean writings in social sciences, literature, culture, history, journalistic texts, and intensive conversation exercises

Spring 2023: KORN GU4106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4106	001/11038	M W Th 10:10am - 11:25am 608 Lewisohn Hall	Beom Lee	4.00	6/12

KORN GU4511 FIFTH YEAR KOREAN. 4.00 points.

Please see department for details

Fall 2022: KORN GU4511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4511	001/10565	M W 11:40am - 12:55pm 406 Hamilton Hall	Joowon Suh	4.00	4/12

KORN GU4512 FIFTH YEAR KOREAN II. 4.00 points.

Spring 2023: KORN GU4512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4512	001/11039	M W 11:40am - 12:55pm 522a Kent Hall	Joowon Suh	4.00	9/12

TIBETAN LANGUAGE COURSES

TIBT UN1410 FIRST YEAR CLASSICAL TIBETAN I. 4.00 points.

This course is designed to meet the needs of both first-time learners of Tibetan, as well as students with one year or less of modern colloquial Tibetan. It is intended to lay the foundation for reading classical Tibetan writings, including religious, historical, and literary texts. By focusing on basic grammatical constructions and frequently used vocabulary, this class offers an introduction to the classical Tibetan language

Fall 2022: TIBT UN1410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1410	001/10566	M W 4:10pm - 6:00pm	Sonam Tsering	4.00	9/15

352b International
Affairs Bldg

TIBT UN1411 FIRST YEAR CLASSICAL TIBETAN II. 4.00 points.

This class is designed to meet the needs of both first-time learners of Tibetan, as well as students with one year or less of modern colloquial Tibetan. It is intended to lay the foundation for reading classical Tibetan writings, including religious, historical, and literary texts. By focusing on basic grammatical constructions and frequently used vocabulary, this class offers an introduction to the classical Tibetan language

Spring 2023: TIBT UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1411	001/11084	M W 4:10pm - 6:00pm 352b International Affairs Bldg	Sonam Tsering	4.00	6/15

TIBT UN1600 FIRST YEAR MOD COLLOQ TIBET I. 5.00 points.

This is an introductory course and no previous knowledge is required. It focuses on developing basic abilities to speak as well as to read and write in modern Tibetan, Lhasa dialect. Students are also introduced to modern Tibetan studies through selected readings and guest lectures

Fall 2022: TIBT UN1600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1600	001/10567	M T W Th 12:10pm - 1:00pm 352c International Affairs Bldg	Sonam Tsering	5.00	13/15

TIBT UN1601 FIRST YEAR MODERN COLLOQUIAL TIBETAN II. 5.00 points.

This is an introductory course and no previous knowledge is required. It focuses on developing basic abilities to speak as well as to read and write in modern Tibetan, Lhasa dialect. Students are also introduced to modern Tibetan studies through selected readings and guest lectures

Spring 2023: TIBT UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 1601	001/11085	M T W Th 12:10pm - 1:00pm 352c International Affairs Bldg	Sonam Tsering	5.00	10/15

TIBT UN2412 SECOND YEAR CLASSICAL TIBETAN I. 4.00 points.

n/a

Fall 2022: TIBT UN2412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 2412	001/10568	M W 1:10pm - 3:00pm 352a International Affairs Bldg	Sonam Tsering	4.00	3/15

TIBT UN2603 SECOND YR MOD COLLOQ TIBET I. 4.00 points.

n/a

Fall 2022: TIBT UN2603

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 2603	001/10569	M W 2:40pm - 3:55pm 352c International Affairs Bldg	Sonam Tsering	4.00	4/15

TIBT UN2604 SECOND YEAR MODERN TIBETAN II. 4.00 points.

For those whose knowledge is equivalent to a student who's completed the First Year course. The course focuses on the further development of their skills in using the language to engage with practical topics and situations, such as seeing a doctor, reading news, writing letters, and listening to music

Spring 2023: TIBT UN2604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 2604	001/11087	M W 5:40pm - 6:55pm 351a International Affairs Bldg	Sonam Tsering	4.00	4/15

TIBT UN3611 THIRD YEAR MOD COLLOQ TIBET I. 4.00 points.

For those whose knowledge is equivalent to a student who's completed the Second Year course. The course develops students' reading comprehension skills through reading selected modern Tibetan literature. Tibetan is used as the medium of instruction and interaction to develop oral fluency and proficiency

Fall 2022: TIBT UN3611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 3611	001/10571	T Th 10:10am - 11:25am 112 Knox Hall	Sonam Tsering	4.00	5/15

TIBT UN3612 THIRD YEAR MODERN TIBETAN II. 4.00 points.

For those whose knowledge is equivalent to a student who's completed the Second Year course. The course develops students reading comprehension skills through reading selected modern Tibetan literature. Tibetan is used as the medium of instruction and interaction to develop oral fluency and proficiency

Spring 2023: TIBT UN3612

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 3612	001/11089	W 10:10am - 11:25am 408 Hamilton Hall	Sonam Tsering	4.00	5/15
TIBT 3612	001/11089	M 4:10pm - 5:25pm 408 Hamilton Hall	Sonam Tsering	4.00	5/15

TIBT UN2710 ADVANCED LITERARY TIBETAN. 4.00 points.

Prerequisites: 2nd Year Classical Tibet II or equivalent with the permission of the instructor

This course focuses on helping students gain greater proficiency in reading Tibetan Buddhist philosophical and religious historical texts. Readings are selected primarily from Tibetan Buddhist philosophical texts (sutras) such as shes rab snying po, thu'u bkan grub mtha' and other Tibetan canonical texts

Fall 2022: TIBT UN2710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 2710	001/10570	T Th 12:10pm - 2:00pm 352a International Affairs Bldg	Sonam Tsering	4.00	2/15

TIBT UN2711 ADVANCED LITERARY TIBETAN II. 4.00 points.

This course will focus on helping students gain greater proficiency in reading Tibetan Buddhist philosophical and religious historical texts

Spring 2023: TIBT UN2711

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 2711	001/11088	T Th 12:10pm - 2:00pm 352a International Affairs Bldg	Sonam Tsering	4.00	1/15

VIETNAMESE LANGUAGE COURSES**VIET UN1101 FIRST YEAR VIETNAMESE I. 5.00 points.**

This course introduces students to the linguistic and grammatical structures of Vietnamese, a major language of Southeast Asia. Language skills include listening, speaking, reading and writing. Students will also be introduced to some aspects of Vietnamese life and culture

Fall 2022: VIET UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 1101	001/10572	M T W Th 10:10am - 11:15am 522a Kent Hall	Chung Nguyen	5.00	6/15

VIET UN1102 FIRST YEAR VIETNAMESE II. 5.00 points.

Fee: Language Resource Center Fee - 15

Prerequisites: () VIET 1101 or equivalent

Prerequisites: () VIET 1101 or equivalent This course introduces students to the linguistic and grammatical structures of Vietnamese, a major language of South East Asia. Language skills include listening, speaking, reading, and writing. Students will also be introduced to some aspects of Vietnamese life and culture

Spring 2023: VIET UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 1102	001/11090	M T W Th 10:10am - 11:15am 522a Kent Hall	Chung Nguyen	5.00	5/12

VIET UN2101 SECOND YEAR VIETNAMESE I. 5.00 points.

Fee: Language Resource Center Fee - 15

Prerequisites: First Year Vietnamese (VIET UN1101 and VIET UN1102) or equivalent, or instructor's permission.

Prerequisites: First Year Vietnamese (VIET UN1101 and VIET UN1102) or equivalent, or instructor's permission. This course is designed for students who have some background in Vietnamese language, and further develops students' familiarity with the linguistic and grammatical structures of Vietnamese. Students' reading, listening, speaking and writing skills will be emphasized through dialogues, reading passages, authentic materials, listening comprehension exercises, and media clips. Students will also further study life and culture in Vietnam

Fall 2022: VIET UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 2101	001/10573	M W Th 1:10pm - 2:25pm 522a Kent Hall	Chung Nguyen	5.00	8/12

VIET UN2102 SECOND YEAR VIETNAMESE II. 5.00 points.

Fee: Language Resource Center Fee - 15

Prerequisites: VIET 2101 or equivalent, or instructor's permission required.

Prerequisites: VIET W1101-W1102 or the instructors permission. This course further develops students familiarity with the linguistic and grammatical structures of Vietnamese, a major language of South East Asia

Spring 2023: VIET UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 2102	001/11091	M W Th 1:10pm - 2:25pm 522a Kent Hall	Chung Nguyen	5.00	8/12

VIET UN3101 THIRD YEAR VIETNAMESE I. 3.00 points.

Prerequisites: VIET UN1101 and VIET UN1102 and VIET UN2101 and VIET UN2102 and This course is designed for students who have already completed First and Second Year Vietnamese (VIET 1101, VIET 1102, VIET 2101, and VIET 2102) or who possess the equivalent background of intermediate Vietnamese. Students with equivalent background should contact instructor for permission to enroll.

This course is designed for students who have completed fourth semester Vietnamese or have equivalent background of intermediate Vietnamese. The course is aimed at enhancing students' competence in reading and listening comprehension as well as the ability to present or show their knowledge of the language and various aspects of Vietnamese with the use of more advanced Vietnamese

Fall 2022: VIET UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 3101	001/10574	T 1:10pm - 2:25pm 522a Kent Hall	Chung Nguyen	3.00	3/12

VIET 3101	001/10574	Th 2:40pm - 3:55pm 522a Kent Hall	Chung Nguyen	3.00	3/12
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VIET UN3102 THIRD YEAR VIETNAMESE II. 3.00 points.

The course is aimed at enhancing students' competence in reading and listening comprehension as well as the ability to present or show their knowledge of the language and various aspects of Vietnamese with the use of more advanced Vietnamese

Spring 2023: VIET UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 3102	001/11092	T 1:10pm - 2:25pm 522a Kent Hall	Chung Nguyen	3.00	1/12
VIET 3102	001/11092	Th 2:40pm - 3:55pm 522a Kent Hall	Chung Nguyen	3.00	1/12

VIET GU4101 MIXED ADVANCED VIETNAMESE I. 4.00 points.

This course is designed for students who have completed six semesters of Vietnamese language class or have equivalent background of advance Vietnamese. It is aimed at developing more advance interpersonal communication skills in interpretive reading and listening as well as presentational speaking and writing at a superior level. Students are also prepared for academic, professional and literary proficiency suitable for post-secondary studies in the humanities and social sciences

Fall 2022: VIET GU4101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 4101	001/10575	M W 4:10pm - 6:00pm 522a Kent Hall	Vinh Nguyen	4.00	2/12

VIET GU4102 MIXED ADVANCED VIETNAMESE II. 4.00 points.

This course is designed for students who have completed seven semesters of Vietnamese class or have equivalent background of advance Vietnamese. It is aimed at developing more advance interpersonal communication skills in interpretive reading and listening as well as presentational speaking and writing at a superior level. Students are also prepared for academic, professional and literary proficiency suitable for post-secondary studies in the humanities and social sciences

Spring 2023: VIET GU4102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 4102	001/11093	M W 4:10pm - 6:00pm 522a Kent Hall	Vinh Nguyen	4.00	0/12

CROSS-LISTED COURSES

RELI UN2307	CHINESE RELIGIOUS TRADITIONS
RELI UN2308	BUDDHISM: EAST ASIAN
HIST UN2580	US - EAST ASIA RELATIONS
HIST BC2865	GENDER AND POWER IN CHINA

HIST UN2881	VIETNAM IN THE WORLD
HIST UN3272	Modern Southeast Asian History
EAAS UN3844	CULTURE, MENTAL HEALTH, AND HEALING IN EAST ASIA
HIST BC3864	Feast/Famine: Food Environment China
RELI GU4307	BUDDHISM # DAOISM IN CHINA
RELI GU4513	BUDDHISM AND NEUROSCIENCE
ASRL GU4831	Post/socialist Cosmologies in Asia
EAAS GU4840	CHINA AND POLITICS OF DESIRE

ECOLOGY, EVOLUTION, AND ENVIRONMENTAL BIOLOGY

Departmental Office: Schermerhorn Extension, 10th floor; 212-854-9987
<http://e3b.columbia.edu/>

Director of Undergraduate Studies: Dr. Matthew Palmer, 1010 Schermerhorn; 212-854-4767; mp2434@columbia.edu

Evolutionary Biology of the Human Species Adviser: Dr. Jill Shapiro, 1011 Schermerhorn Extension; 212-854-5819; jss19@columbia.edu

Director, Administration and Finance: Kyle Bukhari, 1014B Schermerhorn Extension; 212-854-8665; kb2337@columbia.edu (lg2019@columbia.edu)

The Department of Ecology, Evolution & Environmental Biology (E3B) at Columbia University was established in 2001. Although we are a relatively new department, we have grown rapidly in the past decade. We now have an internationally diverse student body and a broad network of supporters at Columbia and throughout New York City. Our affiliated faculty members come from departments at Columbia as well as from the [American Museum of Natural History](#), the [New York Botanical Garden](#), the [Wildlife Conservation Society](#), and the [EcoHealth Alliance](#). Together, we provide an unparalleled breadth and depth of research opportunities for our students.

In creating E3B, Columbia University recognized that the fields of ecology, evolutionary biology, and environmental biology constitute a distinct subdivision of the biological sciences with its own set of intellectual foci, theoretical foundations, scales of analysis, and methodologies.

E3B's mission is to educate a new generation of scientists and practitioners in the theory and methods of ecology, evolution, and environmental biology. Our educational programs emphasize a multi-disciplinary perspective to understand life

on Earth from the level of organisms to global processes that sustain humanity and all life.

To achieve this multi-disciplinary perspective, the department maintains close ties to over 70 faculty members beyond its central core. Thus, many faculty members who teach, advise, and train students in research are based in other departments on the Columbia campus or at the partner institutions. Through this collaboration, the department is able to tap into a broad array of scientific and intellectual resources in the greater New York City area. The academic staff covers the areas of plant and animal systematics; evolutionary and population genetics; ecosystem science; demography and population biology; behavioral and community ecology; and related fields of epidemiology, ethnobiology, public health, and environmental policy. Harnessing the expertise of this diverse faculty and the institutions of which they are a part, E3B covers a vast area of inquiry into the evolutionary, genetic, and ecological relationships among all living things.

FACILITIES AND COLLABORATIVE INSTITUTIONS

The Department of Ecology, Evolution, and Environmental Biology (E3B)

In addition to the off-campus facilities detailed below, the Columbia community offers academic excellence in a range of natural and social science disciplines that are directly related to biodiversity conservation including: evolution, systematics, genetics, behavioral ecology, public health, business, economics, political science, anthropology, and public and international policy. These disciplines are embodied in world-class departments, schools, and facilities at Columbia. The divisions that bring their resources to bear on issues most relevant to E3B's mission are: the Lamont-Doherty Earth Observatory, the School of International and Public Affairs, the Goddard Institute for Space Studies, the International Research Institute for Climate Prediction, the Black Rock Forest Reserve in New York State, the Rosenthal Center for Alternative/Complementary Medicine, the Division of Environmental Health Sciences at the School of Public Health, and the Center for International Earth Science Information Network (CIESIN). Several of these units of the University are networked through the Earth Institute at Columbia, a division of the University that acts as an intramural network of environmental programs and supplies logistical support for constituent programs, through planning, research, seminars, and conferences. All of the above schools, centers, and institutes contribute to finding solutions for the world's environmental challenges.

The Earth Institute Center for Environmental Sustainability (EICES)

The Earth Institute Center for Environmental Sustainability (EICES), formerly known as the Center for Environmental Research and Conservation (CERC), is actively involved in

protecting biodiversity and ecosystems. The Earth Institute Center for Environmental Sustainability is dedicated to the development of a rich, robust, and vibrant world within which we can secure a sustainable future. Through a diverse array of strategic partners in science, education, and outreach, the center builds unique programs that promote human well-being through the preservation, restoration, and management of biodiversity, and the services our ecosystems provide.

The Center for Environmental Research and Conservation (CERC), a leading provider of cutting-edge environmental research, education, and training, since its inception in 1994, has grown into two institutions—an Earth Institute center and a Secretariat for a major environmental consortium. The center's new name is the Earth Institute Center for Environmental Sustainability (EICES, pronounced "i-sees"). EICES also continues, however, as the Secretariat for the Consortium for Environmental Research and Conservation, continuing 15 years of collaborations between the Earth Institute, the American Museum of Natural History, the New York Botanical Garden, The Wildlife Conservation Society, and EcoHealth Alliance on biodiversity conservation.

American Museum of Natural History

The American Museum of Natural History is one of the world's preeminent scientific, educational, and cultural institutions. Since its founding in 1869, the Museum has advanced its global mission to discover, interpret, and disseminate information about human cultures, the natural world, and the universe through a wide-reaching program of scientific research, education, and exhibitions. The institution comprises 45 permanent exhibition halls, state-of-the-art research laboratories, one of the largest natural history libraries in the Western Hemisphere, and a permanent collection of 32 million specimens and cultural artifacts. With a scientific staff of more than 200, the Museum supports research divisions in anthropology, paleontology, invertebrate and vertebrate zoology, and the physical sciences. The Museum's scientific staff pursues a broad agenda of advanced scientific research, investigating the origins and evolution of life on Earth, the world's myriad species, the rich variety of human culture, and the complex processes that have formed and continue to shape planet Earth and the universe beyond.

The Museum's Center for Biodiversity and Conservation (CBC) was created in June 1993 to advance the use of scientific data to mitigate threats to biodiversity. CBC programs integrate research, education, and outreach so that people, a key force in the rapid loss of biodiversity, will become participants in its conservation. The CBC works with partners throughout the world to build professional and institutional capacities for biodiversity conservation and heightens public understanding and stewardship of biodiversity. CBC projects are under way in the Bahamas, Bolivia, Madagascar, Mexico, Vietnam, and the Metropolitan New York region.

The Museum's scientific facilities include: two molecular systematics laboratories equipped with modern high-throughput technology; the interdepartmental laboratories, which include a state-of-the-art imaging facility that provides analytical microscopy, energy dispersive spectrometry, science visualization, and image analysis to support the Museum's scientific activities; a powerful parallel-computing facility, including a cluster of the world's fastest computers, positioned to make significant contributions to bioinformatics; and a frozen tissue facility with the capacity to store one million DNA samples.

New York Botanical Garden

The New York Botanical Garden (NYBG), with its 7 million specimen herbarium, the largest in the Western Hemisphere, and its LuEsther T. Mertz Library, the largest botanical and horticultural reference collection on a single site in the Americas, comprises one of the very best locations in the world to study plant science. NYBG's systematic botanists discover, decipher, and describe the world's plant and fungal diversity; and its economic botanists study the varied links between plants and people. The Enid A. Haupt Conservatory, the largest Victorian glasshouse in the United States, features some 6,000 species in a newly installed "Plants of the World" exhibit. The new International Plant Science Center stores the Garden collection under state-of-the-art environmental conditions and has nine study rooms for visiting scholars. All specimens are available for on-site study or loan.

In recent years, NYBG has endeavored to grow and expand its research efforts, supporting international field projects in some two dozen different countries, ranging from Brazil to Indonesia. In 1994, AMNH and NYBG established the Lewis and Dorothy Cullman Program for Molecular Systematics Studies to promote the use of molecular techniques in phylogenetic studies of plant groups. This program offers many opportunities for research in conservation genetics. NYBG operates both the Institute for Economic Botany (IEB) and the Institute of Systematic Botany (ISB). The ISB builds on the Garden's long tradition of intensive and distinguished research in systematic botany—the study of the kinds and diversity of plants and their relationships—to develop the knowledge and means for responding effectively to the biodiversity crisis.

The Garden has also established a molecular and anatomical laboratory program, which includes light and electron microscopes, and has made enormous advances in digitizing its collection. There is currently a searchable on-line library catalog and specimen database collection with some half million unique records. Field sites around the world provide numerous opportunities for work in important ecosystems of unique biodiversity.

Wildlife Conservation Society

The Wildlife Conservation Society (WCS), founded in 1895 as the New York Zoological Society, works to save wildlife and wild lands throughout the world. In addition to supporting the

nation's largest system of zoological facilities—the Bronx Zoo; the New York Aquarium; the Wildlife Centers in Central Park, Prospect Park, and Flushing Meadow Park; and the Wildlife Survival Center on St. Catherine's Island, Georgia—WCS maintains a commitment to field-based conservation science. With 60 staff scientists and more than 100 research fellows, WCS has the largest professional field staff of any U.S.-based international conservation organization. Currently, WCS conducts nearly 300 field projects throughout the Americas, Asia, and Africa. The field program is supported by a staff of conservation scientists based in New York who also conduct their own research.

WCS's field-based programs complement the organization's expertise in veterinary medicine, captive breeding, animal care, genetics, and landscape ecology, most of which are based at the Bronx Zoo headquarters. WCS's Conservation Genetics program places an emphasis on a rigorous, logical foundation for the scientific paradigms used in conservation biology and is linked to a joint Conservation Genetics program with the American Museum of Natural History. The Wildlife Health Sciences division is responsible for the health care of more than 17,000 wild animals in the five New York parks and wildlife centers. The departments of Clinical Care, Pathology, Nutrition, and Field Veterinary Programs provide the highest quality of care to wildlife.

EcoHealth Alliance

EcoHealth Alliance is an international organization of scientists dedicated to the conservation of biodiversity. For more than 40 years, EcoHealth Alliance has focused its efforts on conservation. Today, they are known for innovative research on the intricate relationships between wildlife, ecosystems, and human health.

EcoHealth Alliance's work spans the U.S. and more than 20 countries in Central and South America, the Caribbean, Africa, and Asia to research ways for people and wildlife to share bioscapes for their mutual survival. Their strength is built on innovations in research, education, and training and accessibility to international conservation partners.

Internationally, EHA programs support conservationists in over a dozen countries at the local level to save endangered species and their habitats, and to protect delicate ecosystems for the benefit of wildlife and humans.

ACADEMIC PROGRAMS

The Department of Ecology, Evolution, and Environmental Biology runs two undergraduate majors/concentrations. The primary major is in environmental biology and the second is evolutionary biology of the human species. The foci and requirements vary substantially and are intended for students with different academic interests.

The environmental biology major emphasizes those areas of biology and other disciplines essential for students who intend

to pursue careers in the conservation of Earth's living resources. It is designed to prepare students for graduate study in ecology and evolutionary biology, conservation biology, environmental policy and related areas, or for direct entry into conservation-related or science teaching careers.

Interdisciplinary knowledge is paramount to solving environmental biology issues, and a wide breadth of courses is thus essential, as is exposure to current work. Conservation internships are available through partner institutions and serve as research experience leading to the development of the required senior thesis.

Declaration of the environmental biology major must be approved by the director of undergraduate studies and filed in the departmental office located on the 10th floor of Schermerhorn Extension.

The major in evolutionary biology of the human species provides students with a foundation in the interrelated spheres of behavior, ecology, genetics, evolution, morphology, patterns of growth, adaptation, and forensics. Using the framework of evolution and with attention to the interplay between biology and culture, research in these areas is applied to our own species and to our closest relatives to understand who we are and where we came from. This integrated biological study is also known as biological anthropology. As an interdisciplinary major, students are also encouraged to draw on courses in related fields including biology, anthropology, geology, and psychology as part of their studies.

PROFESSORS

Marina Cords (also Anthropology)
Ruth DeFries (also Climate School)
Maria Diuk-Wasser
Kevin Griffin (also Earth and Environmental Sciences)
Shahid Naeem
Dustin Rubenstein
María Uriarte

ASSOCIATE PROFESSORS

Duncan Menge

ASSISTANT PROFESSORS

Andrés Bendesky
Deren Eaton

LECTURERS

Bekka Brodie
Matthew Palmer
Jill Shapiro

ADJUNCT FACULTY/RESEARCH SCIENTISTS

Columbia University

Hilary Callahan (Barnard Biology)
 Steven Cohen (SIPA)
 Lisa Dale
 Adela Gondek (SIPA)
 Paul Hertz (Barnard)
 Darcy Kelley (Biology)
 Allison Lopatkin (Barnard Biology)
 Alba Morales-Jimenez
 Brian Morton (Barnard Biology)
 Paul Olsen (Lamont-Doherty)
 Dorothy Peteet (Lamont-Doherty)
 Miguel Pinedo Vasquez
 Alison Pischedda (Barnard Biology)
 Robert Pollack
 Marya Pollack
 Paige West (Barnard)
 Natalie Boelman (Lamont-Doherty)

American Museum of Natural History

Felicity Arengo
 Mary Blair
 Frank Burbrink
 Joel Cracraft
 Suzanne Macey
 Anna MacPherson
 Christopher Raxworthy
 Robert Rockwell
 Nancy Simmons
 Brian Smith
 Jessica Ware

The New York Botanical Garden

Alex McAlvay
 Michael Balick
 Dennis Stevenson

Wildlife Conservation Society

Howard Rosenbaum
 Scott Silver
 Patrick R. Thomas

Ecohealth Alliance

Peter Daszak
 Kevin Olival
 Mindy Rostal

Others

Rachel Cox (Riverdale Country School)
 Winslow Hansen (Cary Institute)

Sara Kross (University of Canterbury)

Chad Seewagen (Great Hollow)

Eleanor Sterling (Hawai'i Institute of Marine Biology)

GUIDELINES FOR ALL ECOLOGY, EVOLUTION, AND ENVIRONMENTAL BIOLOGY MAJORS AND CONCENTRATORS

The grade of D is not accepted for any course offered in fulfillment of the requirements toward the majors or concentrations.

MAJOR IN ENVIRONMENTAL BIOLOGY

The major in environmental biology requires 50 points, distributed as follows:

Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 - EEEB UN2002	ENVIRONMENTAL BIOLOGY I and ENVIRONMENTAL BIOLOGY II
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Two terms of environmental science such as the following:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

Two terms of chemistry such as the following:

CHEM UN1403 - CHEM UN1404	GENERAL CHEMISTRY I- LECTU and GENERAL CHEMISTRY II- LECTURES
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One term of physics such as the following:

PHYS UN1201	GENERAL PHYSICS I
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One term of statistics such as the following:

EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
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BIOL BC2286	Statistics and Research Design
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STAT UN1101	INTRODUCTION TO STATISTICS
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STAT UN1201	CALC-BASED INTRO TO STATISTICS
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One term of calculus such as the following:

MATH UN1101	CALCULUS I
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MATH UN1102	CALCULUS II
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MATH UN1201	CALCULUS III
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MATH UN1202	CALCULUS IV
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Upper Division Courses

Students must complete five advanced elective courses (generally 3000-level or above) satisfying the following distribution. At least one of these courses must include a laboratory component. For more information and a list of appropriate courses, contact the director of undergraduate studies.

1. Ecology, behavior, or conservation biology;
2. Evolution or genetics;
3. Morphology, physiology, or diversity;
4. Policy or economics;
5. One additional course from the preceding four groups.

Students must also complete a senior thesis, which involves completing a research internship (generally in the summer before the senior year) and completing at least one semester of the thesis research seminar, EEEB UN3991- EEEB UN3992 THESIS RESEARCH SEMINAR. Enrollment in both semesters of the seminar, starting in the spring of the junior year, is recommended.

Students planning on continuing into graduate studies in environmental biology or related fields are encouraged to take organic chemistry and genetics.

ECOLOGY AND EVOLUTION TRACK WITHIN THE ENVIRONMENTAL BIOLOGY MAJOR

The ecology and evolution track within the environmental biology major requires 50 points, distributed as follows:

Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 - EEEB UN2002	ENVIRONMENTAL BIOLOGY I and ENVIRONMENTAL BIOLOGY II
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Two terms of chemistry such as the following:

CHEM UN1403 - CHEM UN1404	GENERAL CHEMISTRY I- LECTU and GENERAL CHEMISTRY II- LECTURES
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Chemistry laboratory such as the following:

CHEM UN1500	GENERAL CHEMISTRY LABORATORY
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Two terms of physics such as the following:

PHYS UN1201 - PHYS UN1202	GENERAL PHYSICS I and GENERAL PHYSICS II
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One term of statistics such as the following:

EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
BIOL BC2286	Statistics and Research Design

STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS

Two terms of calculus, or one term of calculus and second advanced course in math or statistics such as the following:

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN1202	CALCULUS IV

Upper Division Courses

Students must complete five advanced elective courses (generally 3000-level or above) satisfying the following distribution. At least one of these courses must include a laboratory component. For more information and a list of appropriate courses, contact the director of undergraduate studies.

1. Three courses in ecology, evolution, conservation biology, or behavior;
2. One course in genetics. BIOL UN3031 GENETICS or BIOL BC2100 MOLECULAR # MENDELIAN GENETICS is recommended;
3. One course in morphology, physiology, or diversity.

Students must also complete a senior thesis, which involves completing a research internship (generally in the summer before the senior year) and completing at least one semester of the thesis research seminar, EEEB UN3991-EEEB UN3992 THESIS RESEARCH SEMINAR. Enrollment in both semesters of the seminar, starting in the spring of the junior year, is recommended.

Students planning on continuing into graduate studies in ecology or evolutionary biology are encouraged to take organic chemistry.

MAJOR IN EVOLUTIONARY BIOLOGY OF THE HUMAN SPECIES

The major in evolutionary biology of the human species requires 36 points, distributed as described below.

Students must take a minimum of 20 points from approved biological anthropology courses. The additional courses may be taken in other departments with adviser approval. These include up to 6 points of introductory biology/chemistry or calculus (in any combination). Please speak with the major adviser about the extended list of courses from related areas including Biology, Psychology, Archaeology, Anthropology, Earth and Environmental Science, and Statistics that count toward this program.

For example, students interested in focusing on paleoanthropology would complement the requirements with additional courses in human evolution and morphology,

evolutionary biology and theory, archaeology, genetics, and statistics. Those interested in primate behavior would supplement the requirements with classes in behavioral biology, ecology, and statistics.

Required Courses

EEEB UN1010	HUMAN ORIGINS # EVOLUTION
EEEB UN1011	BEHAVIOR BIOL-LIVING PRIMATES

****Alternate options may be possible for all courses other than EEEB UN1010 HUMAN ORIGINS # EVOLUTION and EEEB UN1011 BEHAVIOR BIOL-LIVING PRIMATES. These will be considered on an individual basis in consultation with the major/concentration adviser.**

Conservation Course

EEEB UN3240	Challenges and Strategies of Primate Conservation (This is the recommended conservation course but this requirement can be fulfilled with other classes such as Conservation Biology, Zoo Conservation, Ecology, Behavior and Conservation of Mammals, SEE-U in Jordan or Brazil, or other relevant offerings.)
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Theoretical Foundation from Archaeology

Select one course of the following: Nearly all archaeology courses (save for Rise of Civilization) can fulfill this requirement. Check with the advisor.

Archaeology

ANTH UN1007	THE ORIGINS OF HUMAN SOCIETY
ANTH UN2028	THINK LIKE AN ARCHAEOLOGIST
ANTH UN3064	Death and the Body
ANTH UN3823	ARCH ENGAGE: PAST IN PUB EYE

Breadth Requirement

Select a minimum of one course from each of the three sections (may overlap seminar requirement for majors):

Genetics/Human Variation

BIOL BC2100	MOLECULAR # MENDELIAN GENETICS
BIOL UN3031	GENETICS
BIOL GU4560	EVOL IN THE AGE OF GENOMICS

ANTH UN3970	BIOL BASIS OF HUMAN VARIATION
EEEB GU4340	HUMAN ADAPTATION
EEEB GU4700	RACE:TANGLED HIST-BIOL CONCEPT

Primate Behavioral Biology and Ecology

EEEB UN3940	Current Controversies in Primate Behavior and Ecology
BIOL BC2272	ECOLOGY
BIOL BC2280	ANIMAL BEHAVIOR
PSYC UN2420	ANIMAL BEHAVIOR
PSYC BC1119	Systems and Behavioral Neuroscience
PSYC UN2450	BEHAVIORAL NEUROSCIENCE
PSYC BC3372	Comparative Cognition
PSYC UN3450	Evolution of Intelligence, Animal Communication, # Language
PSYC UN3460	Evolution of Behavior (Seminar)
PSYC UN3470	Brain Evolution: Becoming Human (Seminar)

EEEB GU4010	The Evolutionary Basis of Human Behavior
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EEEB GU4134	Behavioral Ecology
EEEB GU4201	ECO, BEHAVIOR # CONSERVATION OF MAMMALS (can count for either breadth requirement or conservation requirement, but not both)

Human Evolution/Morphology

EEEB UN3208	EXPLORATIONS IN PRIM ANATOMY
EEEB UN3215	FORENSIC OSTEOLOGY
EEEB UN3220	THE EVOL OF HUM GROWTH # DEVPT
ANTH GU4147	Human Skeletal Biology I
ANTH GU4148	HUMAN SKELETAL BIOLOGY II
EEEB UN3204	Dynamics of Human Evolution
EEEB UN3910	THE NEANDERTALS
ANTH GU4002	Controversial Topics in Human Evolution
ANTH GU4200	FOSSIL EVIDENCE FOR HUMAN EVOL
BIOL BC2278	Evolution
BIOL UN3208	Introduction to Evolutionary Biology
EEEB UN3030	The Biology, Systematics, and Evolutionary History of the 'Apes'
BIOL BC2262	Vertebrate Biology
BIOL UN3006	PHYSIOLOGY
BIOL BC3360	PHYSIOLOGY
EEEB GU4200	Introduction to Mammalogy

Seminar

Selection at least one of the following seminars. May also count toward the breadth requirement.

EEEB UN3204	Dynamics of Human Evolution
EEEB UN3910	THE NEANDERTALS
EEEB UN3940	Current Controversies in Primate Behavior and Ecology
ANTH UN3970	BIOL BASIS OF HUMAN VARIATION
EEEB UN3993 - EEEB UN3994	EBHS SENIOR THESIS SEMINAR and EBHS SENIOR THESIS SEMINAR
EEEB GU4321	HUM NATURE:DNA,RACE # IDENTITY
ANTH GU4002	Controversial Topics in Human Evolution (Fulfills the seminar requirement for the major)

Additional courses in the student's area of focus to complete the required 36 points overall including a minimum of 20 points of approved biological anthropology courses.

Students intending to pursue graduate study in this field should broaden their foundation by taking an introductory biology course (optimally either EEEB UN2001 ENVIRONMENTAL BIOLOGY I or EEEB UN2002 ENVIRONMENTAL BIOLOGY II) or an advanced evolution course, a genetics course, and a statistics course. We recommend that those interested in either biological anthropology or bioarchaeology take a foundation cultural anthropology course such as ANTH UN1002 THE INTERPRETATION OF CULTURE, ANTH UN2004 INTRO TO SOC # CULTURAL THEORY, ANTH UN2005 THE ETHNOGRAPHIC IMAGINATION, or ANTH UN3040 ANTHROPOLOGICAL THEORY. Students interested in forensic anthropology should take chemistry in lieu of biology (though the latter is recommended as a foundation course for all students). The adviser makes additional recommendations dependent on the student's area of focus.

Approved Biological Anthropology Courses

Paleoanthropology and Morphology

EEEB UN1010	HUMAN ORIGINS # EVOLUTION
EEEB UN3204	Dynamics of Human Evolution
EEEB UN3208	EXPLORATIONS IN PRIM ANATOMY
EEEB UN3215	FORENSIC OSTEOLOGY
EEEB UN3220	THE EVOL OF HUM GROWTH # DEVPT
EEEB UN3910	THE NEANDERTALS
ANTH GU4147 - ANTH GU4148	Human Skeletal Biology I and HUMAN SKELETAL BIOLOGY II

ANTH GU4200	FOSSIL EVIDENCE FOR HUMAN EVOL ^{taught intermittently}
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Primate Behavioral Ecology and Evolution

EEEB UN1011	BEHAVIOR BIOL-LIVING PRIMATES
EEEB UN3030	The Biology, Systematics, and Evolutionary History of the 'Apes'
EEEB UN3940	Current Controversies in Primate Behavior and Ecology
EEEB GU4010	The Evolutionary Basis of Human Behavior

Human Variation

ANTH UN3970	BIOL BASIS OF HUMAN VARIATION
EEEB GU4340	HUMAN ADAPTATION
EEEB GU4700	RACE:TANGLED HIST-BIOL CONCEPT

Additional Courses

EEEB UN3240	Challenges and Strategies of Primate Conservation
EEEB UN3993 - EEEB UN3994	EBHS SENIOR THESIS SEMINAR and EBHS SENIOR THESIS SEMINAR

CONCENTRATION IN ENVIRONMENTAL BIOLOGY

The concentration in environmental biology differs from the major in omitting calculus and physics from the lower division, requiring three advanced electives rather than five, and omitting the senior seminar with thesis project. It requires 36 points, distributed as follows:

Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 - EEEB UN2002	ENVIRONMENTAL BIOLOGY I and ENVIRONMENTAL BIOLOGY II (or equivalents)
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Two terms of environmental science such as the following:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

Two terms of chemistry such as the following:

CHEM UN1403 - CHEM UN1404	GENERAL CHEMISTRY I-LECTU and GENERAL CHEMISTRY II-LECTURES
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One term of statistics. Select one of the following:

EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
BIOL BC2286	Statistics and Research Design

STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS

Upper Division Courses

EEEB UN3087	CONSERVATION BIOLOGY
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Two other 3000- or 4000- level courses from the advanced environmental biology courses listed for the major.

CONCENTRATION IN EVOLUTIONARY BIOLOGY OF THE HUMAN SPECIES

The concentration in evolutionary biology of the human species requires 20 points including the required introductory courses EEEB UN1010 HUMAN ORIGINS # EVOLUTION, EEEB UN1011 BEHAVIOR BIOL-LIVING PRIMATES, an approved conservation course (optimally Primate Conservation), and three courses for the breadth distribution requirements as described for the major. Students must take a minimum of 15 points from approved biological anthropology courses as described for the major (the two introductory classes count toward that total). The additional courses may be taken in other departments with adviser approval.

Concentrators do not have to complete the theoretical foundation course from archaeology or a seminar.

SPECIAL CONCENTRATION IN ENVIRONMENTAL SCIENCE FOR ENVIRONMENTAL BIOLOGY MAJORS

The Department of Earth and Environmental Sciences sponsors a special concentration which must be done in conjunction with the environmental biology major. Students should be aware that they must complete the environmental biology major in order to receive credit for the special concentration.

The special concentration in environmental science requires a minimum of 31.5 points, distributed as follows:

Introductory Environmental Science (13.5 points)

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST (equivalent to EEEB UN2002)

Introductory Science (6 points)

Two courses in chemistry, physics, mathematics, or environmental biology from the supporting mathematics and science list for the environmental science major.

Advanced Environmental Science (12 points)

Select four of the following:

EESC UN3015	The Earth's Carbon Cycle
EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
EESC BC3025	HYDROLOGY
EESC GU4008	Introduction to Atmospheric Science
EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4550	Plant Ecophysiology
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTAL WATERS
EESC GU4917	THE EARTH/HUMAN INTERACTIONS
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

Advanced courses used to fulfill requirements in the environmental biology major cannot count toward requirements for the special concentration.

SPECIAL CONCENTRATION IN ENVIRONMENTAL BIOLOGY FOR ENVIRONMENTAL SCIENCE MAJORS

The Department of Ecology, Evolution, and Environmental Biology sponsors a special concentration which must be done in conjunction with the environmental science major. Students should be aware that they must complete the environmental science major in order to receive credit for the special concentration.

The special concentration in environmental biology requires a minimum of 39 points, distributed as follows:

Introductory Environmental Biology and Environmental Science (17 points)

EEEB UN2001	ENVIRONMENTAL BIOLOGY I
EEEB UN2002	ENVIRONMENTAL BIOLOGY II (equivalent to EESC UN2300)
EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

Introductory Science (13 points)

Select one of the following chemistry sequences:

CHEM UN1403
- CHEM UN1404
GENERAL CHEMISTRY I-
LECTU
and GENERAL CHEMISTRY II-
LECTURES

CHEM UN1604
- CHEM UN2507
2ND TERM GEN CHEM
(INTENSIVE)
and Intensive General Chemistry
Laboratory

One term of statistics such as the following:

EEEB UN3005
INTRO-STAT-ECOLOGY #
EVOL BIOL

BIOL BC2286
Statistics and Research Design

STAT UN1101
INTRODUCTION TO
STATISTICS

STAT UN1201
CALC-BASED INTRO TO
STATISTICS

EEEB UN3087
CONSERVATION BIOLOGY

Advanced Environmental Biology (9 points)

Three additional advanced environmental biology courses (3000-level and above), each chosen from a different curricular area (evolution/genetics, ecology/behavior/conservation, anatomy/physiology/diversity, biology laboratory courses).

FALL 2022

EEEB UN1010 HUMAN ORIGINS # EVOLUTION. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Lab fee: \$25. Taught every fall.

This is an introductory course in human evolution. Building on a foundation of evolutionary theory, students explore primate behavioral morphology and then trace the last 65 million years of primate evolution from the earliest Paleocene forms to the fossil remains of earliest humans and human relatives. Along with Behavioral Biology of the Living Primates this serves as a core required class for the EBHS program

Fall 2022: EEEB UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1010	001/11996	M W 11:40am - 12:55pm 602 Hamilton Hall	Jill Shapiro	3.00	58/86

EEEB UN1110 HUMAN ORIGINS # EVOLUTION-DISC. 0.00 points.

Fall 2022: EEEB UN1110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1110	001/12402	Th 5:10pm - 6:00pm 506 Schermerhorn Hall	Jill Shapiro	0.00	28/30
EEEB 1110	002/12403	Th 6:10pm - 7:00pm 506 Schermerhorn Hall	Jill Shapiro	0.00	6/30

EEEB 1110	003/12405	F 12:10pm - 1:00pm 506 Schermerhorn Hall	Jill Shapiro	0.00	25/30
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EEEB UN2001 ENVIRONMENTAL BIOLOGY I. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Introductory biology course for majors in biology or environmental biology, emphasizing the ecological and evolutionary context of modern biology

Fall 2022: EEEB UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 2001	001/12407	M W 1:10pm - 2:25pm 333 Uris Hall	Shahid Naeem, Andres Bendesky	3.00	48/60

EESC UN2330 SCIENCE FOR SUSTAINABLE DEVPT. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

The course provides students with the natural science basis to appreciate co-dependencies of natural and human systems, which are central to understanding sustainable development. After completing the course, students should be able to incorporate scientific approaches into their research or policy decisions and be able to use scientific methods of data analysis. The semester will highlight the climate system and solutions from both physical and ecological perspectives; water resources; food production and the cycling of nutrients; and the role of biodiversity in sustainable development. The course emphasizes key scientific concepts such as uncertainty, experimental versus observational approaches, prediction and predictability, the use of models and other essential methodological aspects.

Fall 2022: EESC UN2330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2330	001/11580	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	John Mutter, Jenna Lawrence	3	113/120

EEEB UN3005 INTRO-STAT-ECOLOGY # EVOL BIOL. 3.00 points.

Prerequisites: some background in ecology, evolutionary biology, and/or statistics is recommended.

Intended for those WITHOUT prior knowledge of statistics. Some background in ecology, evolutionary biology required. This is an introduction to the theoretical principles and practical application of statistical methods in ecology and evolutionary biology. The course will cover the conceptual basis for a range of statistical techniques through a series of lectures using examples from the primary literature. The application of these techniques will be taught through the use of statistical software in computer-based laboratory sessions

Fall 2022: EEEB UN3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3005	001/12408	M 6:10pm - 8:00pm 413 Kent Hall	Steffen Foerster	3.00	28/35

EEEB UN3015 INTRO-STAT-ECOLGY/EVOL BIO-LAB. 0.00 points.

Required Lab for EEEB UN3005. An introduction to the theoretical principles and practical application of statistical methods in ecology and evolutionary biology. The course will cover the conceptual basis for a range of statistical techniques through a series of lectures using examples from the primary literature. The application of these techniques will be taught through the use of statistical software in computer-based laboratory sessions

Fall 2022: EEEB UN3015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3015	001/12409	W 6:10pm - 7:25pm 415 Schapiro Cepser	Steffen Foerster	0.00	16/20
EEEB 3015	002/12410	W 7:40pm - 8:55pm 327 Seeley W. Mudd Building	Steffen Foerster	0.00	12/20

EEEB UN3919 TRADING NATURE. 4.00 points.

This course explores the scientific and theoretical conceptualization of nature as a market commodity, through the lens of conservation biology. Students will engage in critical analysis of the 'traditional' forms in which biodiversity has been appropriated as inputs into markets such as fisheries, resource extraction, bushmeat and medicine, as well as new market environmentalism

Fall 2022: EEEB UN3919

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3919	001/12411	W 10:10am - 12:00pm 652 Schermerhorn Hall	Mary Blair	4.00	11/12

EEEB UN3991 THESIS RESEARCH SEMINAR. 3.00 points.

Open only to seniors.

Guided, independent, indepth research experience culminating in the senior essay. Weekly meetings are held to review work in progress, to share results through oral and written reports, and to consider career options for further work in this field

Fall 2022: EEEB UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3991	001/12415	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer, Suzanne Macey, Maria Strangas	3.00	8/25

EEEB UN3993 EBHS SENIOR THESIS SEMINAR. 3.00 points.

Four points for the year-long course.

Prerequisites: the instructor's permission and senior standing as a major in The Evolutionary Biology of the Human Species (EBHS).

Prerequisites: the instructor's permission and senior standing as a major or concentrator in The Evolutionary Biology of the Human Species (EBHS). Year-long seminar in which senior EBHS majors develop a research project and write a senior thesis. Regular meetings are held to discuss research and writing strategies, review work in progress, and share results through oral and written reports

Fall 2022: EEEB UN3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3993	001/12417	Th 6:10pm - 8:00pm 1012 Ext Schermerhorn Hall	Jill Shapiro	3.00	3/8

EEEB UN3997 INDEPENDENT STUDY. 1.00-3.00 points.
CC/GS: Partial Fulfillment of Science Requirement

Students conduct research in environmental biology under supervision of a faculty mentor. The topic and scope of the research project must be approved before the student registers for the course

Fall 2022: EEEB UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3997	001/12419		Matthew Palmer	1.00-3.00/10	
EEEB 3997	002/12421		Jill Shapiro	1.00-3.00/10	
EEEB 3997	003/20508		Deren Eaton	1.00-3.00/5	

EEEB GU4100 FOREST ECOLOGY. 4.00 points.

Prerequisites: one year of college biology.

EEEB GU4100 Forest Ecology focuses on interpreting and understanding pattern and process in forested ecosystems. These ecosystems include the assemblages of trees and the biological communities and environments in which they exist. The complex interactions among the organisms and the physical environment are a major focus of this course. The course involves lecture, literature discussion, and field laboratory components, with an emphasis on the analysis and interpretation of student-collected data. FRIDAY MEETINGS WILL RUN ALL DAY IN SEPTEMBER and OCTOBER

Fall 2022: EEEB GU4100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4100	001/12423	W 1:10pm - 2:25pm 1015 Ext Schermerhorn Hall	Matthew Palmer, Kevin Griffin	4.00	18/25
EEEB 4100	001/12423	F 9:00am - 1:00pm 1015 Ext Schermerhorn Hall	Matthew Palmer, Kevin Griffin	4.00	18/25

EEEB GU4140 ORNITHOLOGY. 3.00 points.

Prerequisites: EEEB UN2001, EEEB UN2002, or equivalent.
This basic ornithology class lays the foundation for more in-depth study as it presents an overview of avian evolution, ecology, and current conservation issues.

Fall 2022: EEEB GU4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4140	001/12448	W 10:10am - 12:00pm 1015 Ext Schermerhorn Hall	Felicity Arengo, Chad Seewagen	3.00	14/14

EEEB GU4201 ECO, BEHAVIOR & CONSERVATION OF MAMMALS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: A course in either organismal biology, evolution, ecology or permission of the instructor if G4200 was not taken.
This course examines the wide ranging aspects of features of mammalian natural history, behavior and ecology, and considers the implications of these features on the conservation status of particular mammal taxa for the future. We will also explore particular conservation challenges for mammals such as bats, grazing mammals, and large carnivores in increasingly human-dominated landscapes. This course will be a combination of lecture and student led discussions related to the conservation issues facing mammals today.

Fall 2022: EEEB GU4201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4201	001/12539	Th 6:10pm - 8:00pm 1015 Ext Schermerhorn Hall	Scott Silver	3.00	10/12

EEEB GU4321 HUM NATURE:DNA,RACE & IDENTITY. 4.00 points.

The course focuses on human identity, beginning with the individual and progressing to communal and global viewpoints using a framework of perspectives from biology, genetics, medicine, psychiatry, religion and the law

Fall 2022: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/12540	W 2:10pm - 4:00pm 309 Hamilton Hall	Robert Pollack, Marya Pollack	4.00	17/20

EEEB GU4350 PRIMATE SEXUALITY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (EEEB UN1010) or (EEEB UN1011)
In this course we take an integrative and comparative approach to understanding the sexual lives of primates. Focusing on mating and reproductive behavior with an explicitly evolutionary perspective, we will identify the fundamental principles of how and why selection has favored particular behaviors and morphologies in different primate species.

Fall 2022: EEEB GU4350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4350	001/12541	T Th 10:10am - 11:25am 1015 Ext Schermerhorn Hall	Alba Lucia Morales Jimenez	3.00	10/20

EEEB GU4670 Introduction to Geographical Information Systems. 3.00 points.

Geographic information systems (GIS) are powerful tools for analyzing fundamental geographic questions. GIS involves generating, linking, manipulating, and analyzing different sorts of spatial data; creating outputs commonly visualized as two- and sometimes three- dimensional maps. This course will cover major topics in GIS with applications for the broad field of biology and natural sciences, using QGIS and R. The goal of this course is to teach students a level of GIS proficiency such that they will be self-sufficient in their further learning and use of GIS

Fall 2022: EEEB GU4670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4670	001/12542	M 10:10am - 12:00pm 1015 Ext Schermerhorn Hall	Eric Glass	3.00	29/30

SPRING 2023

EEEB UN1005 1ST YR SEM-ECOL, EVOL, EVIR BIO.

1.00 point.

This course provides a brief introduction to ecology, evolution and environmental biology with an emphasis on key concepts, current research, and opportunities for undergraduates. The course is taught jointly by the faculty in the department of Ecology, Evolution and Environmental Biology (E3B), with each session covering a different aspect of research and/or teaching in the department. Students are expected to complete weekly readings and participate in discussion both in class and online

Spring 2023: EEEB UN1005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1005	001/12735	T 2:40pm - 3:55pm 1015 Ext Schermerhorn Hall	Jill Shapiro, Matthew Palmer	1.00	23/30

EEEB UN1011 BEHAVIOR BIOL-LIVING PRIMATES.

3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Corequisite EEEB UN1111
Prerequisites: Corequisite EEEB UN1111 Study of non-human primate behavior from the perspective of phylogeny, adaptation, physiology and anatomy, and life history. Focuses on the four main problems primates face: finding appropriate food, avoiding being eaten themselves, reproducing in the face of competition, and dealing with social partners. Along with Human Origins - Evolution, this serves as a core required class for the EBHS program

Spring 2023: EEEB UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 1011	001/12746	M W 1:10pm - 2:25pm 503 Hamilton Hall	Marina Cords	3.00	39/50
EEEE 1011	AU1/18345	M W 1:10pm - 2:25pm Othr Other	Marina Cords	3.00	3/3

EEEE UN2002 ENVIRONMENTAL BIOLOGY II. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: EEEB UN2001

Prerequisites: EEEB UN2001 Second semester of introductory biology sequence for majors in environmental biology and environmental science, emphasizing the ecological and evolutionary aspects of biology. Also intended for those interested in an introduction to the principles of ecology and evolutionary biology

Spring 2023: EEEB UN2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 2002	001/12783	M W 11:40am - 12:55pm 428 Pupin Laboratories	Matthew Palmer, Sonya Dyhrman	4.00	29/40

EEEE UN3011 BEHAVIOR BIOL-LIVING PRIMATES. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: introductory biology course in organismal biology and the instructor's permission. Corequisite EEEB UN3111

Prerequisites: introductory biology course in organismal biology and the instructors permission. Corequisite EEEB UN3111 Survey of non-human primate behavior from the perspective of phylogeny, adaptation, physiology and anatomy, and life history. Focus on the four main problems primates face: finding appropriate food, avoid being eaten themselves, reproducing in the face of competition, and dealing with social partners

Spring 2023: EEEB UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3011	001/12775	M W 1:10pm - 2:25pm 503 Hamilton Hall	Marina Cords	3.00	3/15

EEEE UN3087 CONSERVATION BIOLOGY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: introductory organismal biology course, ideally EEEB UN2002.

Prerequisites: Science majors should have completed one introductory course that covers biology, ecology, evolution or conservation prior to taking this course. Non-science majors should have some exposure to these same topics but are not required to have taken courses in advance of this class

Spring 2023: EEEB UN3087

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3087	001/12788	M 6:10pm - 8:00pm 1015 Ext Schermerhorn Hall	Dustin Partridge	3.00	23/30
EEEE 3087	AU1/18341	M 6:10pm - 8:00pm Othr Other	Dustin Partridge	3.00	2/3

EEEE UN3208 EXPLORATIONS IN PRIM ANATOMY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Taught every other year. Enrollment limited to 14.

Prerequisites: EEEB UN1010 or EEEB UN1011 or the instructor's permission.

Introductory laboratory course in primate skeletal anatomy. From tarsiers to talapains, guenons to gibbons, through hands-on expertise students explore the amazing range and diversity of the living members of this order.

Spring 2023: EEEB UN3208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3208	001/12812	T Th 1:10pm - 2:25pm 865 Ext Schermerhorn Hall	Jill Shapiro	3.00	13/14

EEEE UN3220 THE EVOL OF HUM GROWTH # DEVPT. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Taught intermittently.

Prerequisites: EEEB UN1010 or ANTH UN1007 or the instructor's permission.

This course explores central issues in human growth and development from birth through senescence. Emphasis will be placed on the factors responsible for the variability in current human growth patterns as well as the evolutionary divergence of a uniquely human pattern from our closest living and fossil relatives.

Spring 2023: EEEB UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 3220	001/12816	T Th 11:40am - 12:55pm 616 Hamilton Hall	Jessica Manser	3.00	10/15
EEEE 3220	AU1/18342	T Th 11:40am - 12:55pm Othr Other	Jessica Manser	3.00	3/3

EEEE UN3992 THESIS RESEARCH SEMINAR. 3.00 points.

Guided, independent, indepth research experience culminating in the senior essay. Weekly meetings are held to review work in progress, to share results through oral and written reports, and to consider career options for further work in this field

Spring 2023: EEEB UN3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EEEB 3992 001/12823	Th 4:10pm - 6:00pm 530 Altschul Hall	Matthew Palmer, Suzanne Macey, Maria Strangas	3.00	15/25
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EEEB UN3994 EBHS SENIOR THESIS SEMINAR. 3.00 points.

Prerequisites: the instructors permission and senior standing as a major in The Evolutionary Biology of the Human Species (EBHS). Year-long seminar in which senior EBHS majors develop a research project and write a senior thesis. Regular meetings are held to discuss research and writing strategies, review work in progress, and share results through oral and written reports

Spring 2023: EEEB UN3994

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3994 001/12831		Th 6:10pm - 8:00pm 408 Hamilton Hall	Jill Shapiro	3.00	3/6

EEEB UN3998 INDEPENDENT STUDY. 1.00-3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Students conduct research in environmental biology under supervision of a faculty mentor. The topic and scope of the research project must be approved before the student registers for the course

Spring 2023: EEEB UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3998 001/12836			Jill Shapiro	1.00-3.00/10	
EEEB 3998 002/12841			Matthew Palmer	1.00-3.00/10	

EEEB GU4086 ETHNOBOTANY. 3.00 points.

Priority given to students with backgrounds in ecology or plant systematics.

A survey of the relationships between people and plants in a variety of cultural settings. Sustainability of resource use, human nutrition, intellectual property rights, and field methodologies are investigated.

Spring 2023: EEEB GU4086

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4086 001/13097		T 10:10am - 12:00pm 1015 Ext Schermerhorn Hall	Michael Balick, Alex McAlvay	3.00	24/25

EEEB GU4127 DISEASE ECOLOGY. 3.00 points.

Enrollment limited to 25.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. Introduction to the ecology and epidemiology of infectious diseases of humans and wildlife

Spring 2023: EEEB GU4127

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EEEB 4127 001/13185	M W 10:10am - 11:25am 1015 Ext Schermerhorn Hall	Maria Diuk-Wasser	3.00	18/25
EEEB 4127 AU1/18344	M W 10:10am - 11:25am Othr Other	Maria Diuk-Wasser	3.00	1/2

EEEB GU4192 INTRO TO LANDSCAPE ANALYSIS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *SDEV W3390* or *EESC W4050* or the instructor's permission.

Prerequisites: *SDEV W3390* or *EESC W4050* or the instructors permission. This class provides basic theory in landscape analysis and training in methods for analyzing landscapes, focusing on interpretation of satellite images. The class covers approaches and definitions in landscape analysis, data sources, land cover classification, change detection, accuracy assessment, projections of future land cover change, and techniques to interpret results of these analyses. Students will obtain hands-on experience working with data from a landscape related to his/her research or a landscape chosen by the instructors

Spring 2023: EEEB GU4192

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4192 001/13194		F 10:10am - 12:40pm 1015 Ext Schermerhorn Hall	Shivani Agarwal	3.00	14/25

EEEB GU4210 HERPETOLOGY. 4.00 points.

Prerequisites: at least one course in Introductory Biology.

The course explores the science of herpetology in three parts:

- 1) the evolution and ecology of amphibians and reptiles;
- 2) their physiological adaptations; and 3) requirements for conservation, management, policy and monitoring.

Spring 2023: EEEB GU4210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4210 001/13212		Th 1:10pm - 2:25pm 1015 Ext Schermerhorn Hall	Matthew Palmer	4.00	13/20
EEEB 4210 001/13212		T 1:10pm - 3:55pm 601b Fairchild Life Sciences Bldg	Matthew Palmer	4.00	13/20

EEEB GU4321 HUM NATURE:DNA,RACE # IDENTITY. 4.00 points.

The course focuses on human identity, beginning with the individual and progressing to communal and global viewpoints using a framework of perspectives from biology, genetics, medicine, psychiatry, religion and the law

Fall 2022: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321 001/12540		W 2:10pm - 4:00pm 309 Hamilton Hall	Robert Pollack,	4.00	17/20

Marya
Pollack

EEEB GU4700 RACE:TANGLED HIST-BIOL CONCEPT. 4.00 points.

Enrollment limited to 15. Priority given to EBHS majors/
concentrators.

From Aristotle to the 2020 US census, this course examines the history of race as a biological concept. It explores the complex relationship between the scientific study of biological differences—real, imagined, or invented and the historical and cultural factors involved in the development and expression of "racial ideas." Scientific background not required. [Additional hour for film screenings weekly in second half of the semester—attendance at films is mandatory.] Please note that this course DOES NOT fulfill the SC requirement at the College or GS.

Spring 2023: EEEB GU4700

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4700	001/13299	M 4:10pm - 6:00pm 652 Schermerhorn Hall	Jill Shapiro	4.00	6/14
EEEB 4700	001/13299	W 4:10pm - 7:00pm 652 Schermerhorn Hall	Jill Shapiro	4.00	6/14

OF RELATED INTEREST

Economics

ECON GU4625 Economics of the Environment

Earth and Environmental Sciences

EESC UN2330 SCIENCE FOR SUSTAINABLE DEVPT

EESC GU4050 GLOBAL ASSMT-REMOTE SENSING

EESC GU4550 Plant Ecophysiology

EESC GU4835 Wetlands and Climate Change

Political Science

POLS GU4730 GAME THEORY # POLIT THEORY

ECONOMICS

Departmental Office: 1022 International Affairs Building;
212-854-3680

<http://www.columbia.edu/cu/economics/>

Director of Undergraduate Studies: Dr. Susan Elmes,
1006 International Affairs Building; 212-854-9124;
se5@columbia.edu

Director of Departmental Honors Program: Dr. Susan Elmes,
1006 International Affairs Building; 212-854-9124;
se5@columbia.edu

Economics is the study of the ways in which society allocates its scarce resources among alternative uses and the

consequences of these decisions. The areas of inquiry deal with a varied range of topics such as international trade, domestic and international financial systems, labor market analysis, and the study of less developed economies. Broadly speaking, the goal of an economics major is to train students to think analytically about social issues and, as such, provide a solid foundation for not only further study and careers in economics, but also for careers in law, public service, business, and related fields.

The Economics Department offers a general economics major in addition to five interdisciplinary majors structured to suit the interests and professional goals of a heterogeneous student body. All of these programs have different specific requirements but share the common structure of core theoretical courses that provide the foundation for higher-level elective courses culminating in a senior seminar. Students are urged to carefully look through the details of each of these programs and to contact an appropriate departmental adviser to discuss their particular interests.

ADVANCED PLACEMENT

Tests must be taken in **both** microeconomics and macroeconomics, with a score of 5 on one test and at least a 4 on the other. Provided that this is achieved, the department grants 4 credits for a score of 4 and 5 on the AP Economics exam along with exemption from *ECON UN1105 PRINCIPLES OF ECONOMICS*.

ADVISING

The Department of Economics offers a variety of advising resources to provide prospective and current undergraduate majors and concentrators with the information and support needed to successfully navigate through the program. These resources are described below.

Frequently Asked Questions

Please see: <http://econ.columbia.edu/frequently-asked-questions-0>

As a first step, students are encouraged to visit the department's FAQ page, which provides comprehensive information and answers to the most frequently asked questions about the departmental majors and requirements. This page also includes a section that answers specific questions of first-years, sophomores, and non-majors.

Graduate Student Advisers

For answers to the most common questions that students have about the majors, the department has graduate student advisers, who are available by e-mail at econ-advising@columbia.edu, or during weekly office hours to meet with students.

Students should direct all questions and concerns about their major to the graduate student advisers either in person or via e-mail. The graduate student advisers can discuss major

requirements, scheduling, and major course selection, as well as review student checklists and discuss progress in the major. Occasionally, graduate student advisers may refer a student to someone else in the department (such as the director of undergraduate studies) or in the student's school for additional advising.

Contact information and office hours for the graduate student advisers are posted on the *Advisers* page of the [departmental website](#) in the week prior to the beginning of the semester. Students considering one of the interdepartmental majors should speak to both a graduate student adviser from the Economics Department and the adviser from the other department early in the sophomore year.

Faculty Advisers

Faculty advisers are available to discuss students' academic and career goals, both in terms of the undergraduate career and post-graduate degrees and research. Students wishing to discuss these types of substantive topics may request a faculty adviser by completing the form available on the *Advisers* page of the [departmental website](#) and depositing it in the mailbox of the director of undergraduate studies in the department's main office, 1022 International Affairs Building.

The department does its best to match students with faculty members that share similar academic interests. While faculty advisers do not discuss major requirements—that is the role of the graduate student advisers—they do provide guidance in course selection as it relates to meeting a student's intellectual goals and interests, as well as advise on career and research options. It is recommended that students who plan on attending a Ph.D. program in economics or are interested in pursuing economics research after graduation request a faculty adviser.

ON-LINE INFORMATION

Students can access useful information on-line, including: a comprehensive FAQ page; requirement changes to the major and concentration; sample programs and checklists; faculty office hours, contact information and fields of specialization; adviser information; teaching assistant information; research assistant opportunities; list of tutors; and Columbia-Barnard Economics Society information.

DEPARTMENTAL HONORS

Economics majors and economics joint majors who wish to be considered for departmental honors in economics must:

1. Have at least a 3.7 GPA in their major courses;
2. Take ECON GU4999 SENIOR HONORS THESIS WORKSHOP (a one-year course);
3. Receive at least a grade of A- in ECON GU4999 SENIOR HONORS THESIS WORKSHOP.

Students must consult and obtain the approval of the departmental undergraduate director in order to be admitted to the workshop. Please note that ECON GU4999 SENIOR

HONORS THESIS WORKSHOP may be taken to fulfill the **seminar requirement** for the economics major and all economics joint majors. Students who wish to write a senior thesis (ECON GU4999 SENIOR HONORS THESIS WORKSHOP) must have completed the core major requirements. Normally no more than 10% of graduating majors receive departmental honors in a given academic year. Please see the *Honors Prizes* page on the department's website for more information.

UNDERGRADUATE PRIZES

All prize recipients are announced at the end of the spring semester each academic year.

Sanford S. Parker Prize

Established in 1980, this prize is awarded annually to a Columbia College graduating student who majored or concentrated in economics and plans on continuing his or her studies in an economics Ph.D. program within the two years following his or her graduation.

Romine Prize

Established in 1997, this prize is awarded annually to two students (Columbia College or General Studies) majoring in economics: one for the best honors thesis paper, and the other for the best economics seminar paper.

Parker Prize for Summer Research

The department provides financial support for five Columbia College undergraduates who take unpaid summer internships that focus on research.

PROFESSORS

Douglas Almond (also School of International and Public Affairs)

Jushan Bai

Jagdish N. Bhagwati

Sandra Black

Alessandra Casella (also Political Science Department)

Yeon-Koo Che

Pierre-André Chiappori

Graciela Chichilnisky

Richard Clarida (also School of International and Public Affairs)

Donald Davis

Prajit Dutta

Gautam Gowrisankaran

Harrison Hong

R. Glenn Hubbard (also Business School)

Navin Kartik

Wojciech Kopczuk (also School of International and Public Affairs)

Sokbae (Simon) Lee

Qingmin Liu

W. Bentley McLeod (also School of International and Public Affairs)
 Suresh Naidu (also School of International and Public Affairs)
 Serena Ng
 Brendan O'Flaher
 Andrea Prat (also Business School)
 Jeffrey Sachs (also Earth Institute)
 Xavier Sala-i-Martin
 Bernard Salanié
 José A. Scheinkman
 Stephanie Schmitt-Grohé
 Joseph Stiglitz (also Business School, School of International and Public Affairs)
 Martín Uribe
 Miguel Urquiola (also School of International and Public Affairs)
 Eric Verhoogen (also School of International and Public Affairs)
 David Weinstein
 Michael Woodford (Chair)

ASSOCIATE PROFESSORS

Mark Dean
 Lena Edlund
 Jennifer La'O

ASSISTANT PROFESSORS

Hassan Afrouzi
 Michael Best
 Andres Drenik
 Matthieu Gomez
 Emilien Gouin-Bonenfant
 Elliot Lipnowski
 Neomie Pinardon-Touati
 Evan Sadler
 Pietro Tebaldi
 Jack Willis

LECTURERS

Irasema Alonso
 Isaac Bjorke
 Tri Vi Dang
 Ceyhan Elgin
 Susan Elmes
 Seyhan Erden
 Tamrat Gashaw
 Sunil Gulati
 Waseem Noor

ADJUNCT FACULTY

Andrew Abere
 Claudia Halbac
 Guillaume G. Haeringer

Carey Leahey
 Neal Masia
 Caterina Musatti
 Thomas Piskula

ON LEAVE

Profs. Afrouzi, Best, Bhagwati (2022-2023)
 Profs. Davis (Fall 2022)
 Profs. Bai, Gouin-Bonenfant, Salanie (Spring 2023)

GUIDELINES FOR ALL ECONOMICS MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Checklists and Requirement

Checklists and Requirement information are available on the [Department website](#).

Course List

Economics Core Courses

All of the core courses must be completed **no later than the spring semester** of the student's **junior year** and must be taken at Columbia. *Students who take any core course during the fall semester of their senior year must obtain written permission from the department's director of undergraduate studies.* Unless otherwise specified below, all students must complete the following core courses:

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON UN3412	INTRODUCTION TO ECONOMETRICS

Prerequisites

Course prerequisites are strictly enforced. Prerequisites must be taken before the course, not after or concurrently.

Economics courses taken before the completion of any of its prerequisites, even with instructor approval, are **not** counted toward the major, concentration, or interdepartmental majors. Exemptions from a prerequisite requirement may only be made, in writing, by the department's director of undergraduate studies. Credits from a course taken *prior* to the completion of its prerequisites are **not** counted towards the major requirements. As a consequence, students are required to complete **additional**, specific courses in economics at the direction of the director of undergraduate studies.

The prerequisites for required courses are as follows:

Course	Prerequisites		
ECON UN1105 PRINCIPLES OF ECONOMICS	None	ECON UN3025 FINANCIAL ECONOMICS	ECON UN3211 INTERMEDIATE MICROECONOMICS
MATH UN1101 CALCULUS I		ECON GU4020 ECON OF UNCERTAINTY # INFORMTN	ECON UN3213 INTERMEDIATE MACROECONOMICS
STAT UN1201 CALC-BASED INTRO TO STATISTICS	MATH UN1101 CALCULUS I	ECON GU4230 ECONOMICS OF NEW YORK CITY	STAT UN1201 CALC-BASED INTRO TO STATISTICS
ECON UN3211 INTERMEDIATE MICROECONOMICS	ECON UN1105 PRINCIPLES OF ECONOMICS MATH UN1201 CALCULUS III or UN1205	ECON GU4260 MARKET DESIGN	
ECON UN3213 INTERMEDIATE MACROECONOMICS	ECON UN1105 PRINCIPLES OF ECONOMICS MATH UN1101 CALCULUS I Co-requisite: MATH UN1201 CALCULUS III or UN1205	ECON GU4280 CORPORATE FINANCE	
		ECON GU4370 POLITICAL ECONOMY	
		ECON GU4700 FINANCIAL CRISES	
		ECON GU4710 FINANCE AND THE REAL ECONOMY	
		ECON GU4850 COGNITIVE MECH # ECON BEHAVIOR	
ECON UN3412 INTRODUCTION TO ECONOMETRICS	MATH UN1201 CALCULUS III or UN1205	ECON GU4860 BEHAVIORAL FINANCE	ECON UN3211 INTERMEDIATE MICROECONOMICS
	ECON UN3211 INTERMEDIATE MICROECONOMICS or UN3213		ECON UN3213 INTERMEDIATE MACROECONOMICS
	STAT UN1201 CALC-BASED INTRO TO STATISTICS	All other ECON 3000- and 4000-level electives	ECON UN3412 INTRODUCTION TO ECONOMETRICS
ECON 2000-level electives	ECON UN1105 PRINCIPLES OF ECONOMICS		ECON UN3211 INTERMEDIATE MICROECONOMICS
			ECON UN3213 INTERMEDIATE MACROECONOMICS
ECON GU4211 ADVANCED MICROECONOMICS	ECON UN3211 INTERMEDIATE MICROECONOMICS ECON UN3213 INTERMEDIATE MACROECONOMICS MATH UN2010 LINEAR ALGEBRA Corequisites: MATH UN2500 ANALYSIS AND OPTIMIZATION or GU4061	ECON UN3901 ECONOMICS OF EDUCATION ECON UN3952 MACROECONOMICS #FORMATION OF EXPECTATIONS ECON UN3981 Applied Econometrics	ECON UN3211 INTERMEDIATE MICROECONOMICS
		ECON GU4911 MICROECONOMICS SEMINAR	ECON UN3213 INTERMEDIATE MACROECONOMICS
		ECON GU4913 MACROECONOMICS SEMINAR	ECON UN3412 INTRODUCTION TO ECONOMETRICS
ECON GU4412 ADVANCED ECONOMETRICS	ECON UN3211 INTERMEDIATE MICROECONOMICS	ECON GU4918 SEMINAR IN ECONOMETRICS	
ECON GU4213 ADVANCED MACROECONOMICS	ECON UN3213 INTERMEDIATE MACROECONOMICS	ECPS GU4921 SEMINAR IN POLITICAL ECONOMICS	ECON UN3211 INTERMEDIATE MICROECONOMICS
ECON GU4413 Econometrics of Time Series and Forecasting	ECON UN3412 INTRODUCTION TO ECONOMETRICS MATH UN2010 LINEAR ALGEBRA		ECON UN3213 INTERMEDIATE MACROECONOMICS
			ECON UN3412 INTRODUCTION TO ECONOMETRICS
			ECON GU4370 POLITICAL ECONOMY

ECPH GU4950 ECONOMICS # PHILOSOPHY
ECON UN3211 INTERMEDIATE MICROECONOMICS
ECON UN3213 INTERMEDIATE MACROECONOMICS
ECON UN3412 INTRODUCTION TO ECONOMETRICS

Barnard electives

See Barnard bulletin

It is **strongly recommended** that students take ECON UN3412 INTRODUCTION TO ECONOMETRICS in the semester **immediately** following the completion of the statistics course.

Grading

No course with a grade of D or lower, including calculus and statistics courses, can count toward the major, concentration, or interdepartmental majors. Economics core courses with a grade of D or F must be retaken and completed with a grade of C- or better.

Students who receive a grade of D or F in a core course are permitted to take a higher-level elective course that has that core course as a prerequisite, so long as it is taken concurrently with the retaking of that core course. For example, if a student fails ECON UN3211 INTERMEDIATE MICROECONOMICS, the student must retake it and, in the same semester, may enroll in an elective course for which it is a prerequisite, provided that all other prerequisites for the elective have been completed. The same rule applies to the required math and statistics courses. For example, if a student fails MATH UN1201 CALCULUS III, the student may retake calculus III concurrently with *Intermediate Microeconomics*. Students who must retake any core economics or math course may not retake it concurrently with a senior seminar; the economics core courses ECON UN3211 INTERMEDIATE MICROECONOMICS, ECON UN3213 INTERMEDIATE MACROECONOMICS, and ECON UN3412 INTRODUCTION TO ECONOMETRICS must be successfully completed before a student may enroll in a seminar.

A grade of W is not equivalent to a grade of D or F; it does not qualify a student to retake the course concurrently with a higher level course that lists the course as a prerequisite. Students who receive a grade of W in a core course must complete the course with a grade of C- or better before taking a course that lists it as a prerequisite.

Only ECON UN1105 PRINCIPLES OF ECONOMICS may be taken for a grade of Pass/D/Fail, and the student must receive a grade of P for it to count towards the requirements for the major, concentration, or interdepartmental majors.

Economics Electives

Only those courses identified in the Economics Department listings in this Bulletin may be taken for elective credit. All 3000-level or higher electives offered by the Economics Department have ECON UN3211 INTERMEDIATE MICROECONOMICS and ECON UN3213 INTERMEDIATE

MACROECONOMICS as prerequisites. However, some electives have additional prerequisites and students should ensure that all prerequisites have been completed (see the table of prerequisites printed above). *Seminars do not count as electives.*

Seminars

Seminars can be taken only after all of the required core courses in economics have been successfully completed. Students may not take or re-take ECON UN3211 INTERMEDIATE MICROECONOMICS, ECON UN3213 INTERMEDIATE MACROECONOMICS, or ECON UN3412 INTRODUCTION TO ECONOMETRICS concurrently with any senior seminar. *Seminars do not count as electives.* Each seminar is limited to sixteen students, with priority given to seniors. For ECPS GU4921 SEMINAR IN POLITICAL ECONOMICS and ECPH GU4950 ECONOMICS # PHILOSOPHY, priority is given to economics-political science and economics-philosophy majors, respectively.

For seminar registration details, read the information posted on the department's *Senior Seminar Registration* page: <http://econ.columbia.edu/senior-seminars-registration>.

Mathematics

Students must consult with the Mathematics Department for the appropriate placement in the calculus sequence. Students must complete one of the following sequences:

Select one of the following sequences:

MATH UN1101 - MATH UN1201	CALCULUS I and CALCULUS III
MATH UN1101 - MATH UN1205	CALCULUS I and ACCELERATED MULTIVARIABLE CALC
MATH UN1207 - MATH UN1208	HONORS MATHEMATICS A and HONORS MATHEMATICS B

In addition:

1. Students who receive a grade of D or F in MATH UN1201 CALCULUS III or MATH UN1205 must retake the course, but may enroll in ECON UN3211 INTERMEDIATE MICROECONOMICS.
2. Students who receive a grade of D or F in MATH UN1207 HONORS MATHEMATICS A may either retake the course, or take MATH UN1201 CALCULUS III or MATH UN1205, and enroll in ECON UN3211 INTERMEDIATE MICROECONOMICS concurrently.

Statistics

Unless otherwise specified below, all students must take STAT UN1201 CALC-BASED INTRO TO STATISTICS, or a higher level course, such as STAT GU4204 STATISTICAL INFERENCE, or STAT GU4001.

Barnard Courses

A limited number of Barnard economics electives may count toward the major, concentration, and interdepartmental majors. Students should pay careful attention to the limit of Barnard electives indicated in their program requirements. Please see the *Transfer Credit* section below for information on the number of Barnard electives that may be taken to fulfill major requirements. In addition, students may receive credit for the major, concentration, and interdepartmental majors only for those Barnard economics courses listed in this Bulletin. However, students may not receive credit for two courses whose content overlaps. Barnard and Columbia economics electives with overlapping content include but are not limited to:

ECON BC3029 - ECON GU4321	EMPIRICAL APPROACHES DEVLPMNT and ECONOMIC DEVELOPMENT
ECON BC3038 - ECON GU4505	INTERNATIONAL MONEY # FINANCE and INTERNATIONAL MACROECONOMICS
ECON BC3019 - ECON GU4400	LABOR ECONOMICS and LABOR ECONOMICS
ECON BC3047 - ECON GU4500	International Trade and INTERNATIONAL TRADE
ECON BC3039 - ECON GU4625	Environmental and Natural Resource Economics and Economics of the Environment
ECON BC3041 - ECON GU4235	THEORETICAL FOUNDATIONS- POLIT ECON and HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes
ECON GU4400	LABOR ECONOMICS
ECON GU4235	HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes

Students should always first consult with *econ-advising* to confirm that the Barnard elective they wish to take does not overlap with a Columbia elective that they have already taken or plan to take. Students may *not* take the Barnard core economics, math, statistics, or seminar courses for credit towards the completion of major requirements.

School of Professional Studies Courses

The Department of Economics does not accept *any* of the courses offered through the School of Professional Studies for credit towards the economics major, concentration, or interdepartmental majors with the exception of the courses offered by the Economics Department during the summer session at Columbia.

Other Department and School Courses

Please note that with the exception of the above Barnard courses and the specific courses listed below for the financial economics major, no other courses offered through the different departments and schools at Columbia count toward the economics majors or concentration.

Transfer Credits

Students are required to take a minimum number of courses in the Columbia Economics Department. For all majors and interdepartmental majors, students must complete a minimum of *five* lecture courses in the Columbia department. Students may fulfill their remaining requirements for economics lecture courses through AP (or IB or GCE) credits, Barnard electives, transfer courses, and study abroad courses (the latter two are subject to the approval of the Economics Department). The following table summarizes the new rules:

Program	Number of required economics lecture courses	Minimum number which must be taken in the department	Maximum number of outside allowed
Economics major	9	5	4
Financial economics	8	5	3
Economics- mathematics	7	5	2
Economics- political science	7	5	2
Economics- statistics	7	5	2
Economics- philosophy	7	5	2
Economics concentration	7	4	3

1. **Lecture courses** do not include seminars, which must be taken in the Columbia Economics Department. The lecture course counts are counts of economics courses only and do **not** include math, statistics, or courses in other departments;
2. At least two of the three 3000-level economics core courses must be taken in the department and no corresponding Barnard courses are accepted. ECON UN3025 FINANCIAL ECONOMICS and ECON UN3265 MONEY AND BANKING are counted as departmental courses regardless of the instructor;
3. **Outside courses** include AP (or IB or GCE) credits, transfer credits, Barnard 2000- and 3000-level elective courses and transfer credits from other universities. In the case where two or more courses taken outside of Columbia are used as the equivalent of ECON UN1105 PRINCIPLES OF

ECONOMICS, those courses are counted as one transfer course.

Approval of transfer credits to fulfill economics requirements must be obtained in writing from the Department of Economics (see the [departmental website](#) or speak with your advising dean for information regarding applications for transfer credit). Approval is granted only for courses that are considered to be comparable to those offered at Columbia.

Summer courses taken at other institutions must be approved in writing by the department's transfer credit adviser before the course is taken. The department does not accept transfer credits for any 3000 level core courses taken during a summer session outside of Columbia University. Summer courses taken from the department of economics at Columbia University do not need approval.

Guidelines and instructions on how to request transfer credit approval can be found in the *Transfer Credit Information* page of the [departmental website](#).

MAJOR IN ECONOMICS

Please read [Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors](#) (p. 445) above.

The economics major requires a minimum of 35 points in economics, 6 points in mathematics, and 3 points in statistics, for a total of at least 44 points as follows:

Economics Core Courses

All economics core courses

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Select at least five electives, of which no more than one may be taken at the 2000-level (including Barnard courses)

Economics Seminar

Select one economics seminar course

CONCENTRATION IN ECONOMICS

Please read [Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors](#) (p. 445) above.

The economics concentration requires a minimum of 25 points in economics, 6 points in mathematics, and 3 points in statistics, for a total of at least 34 points as follows:

Economics Core Courses

All economics core courses

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Select at least three electives, of which no more than one may be taken at the 2000-level (including Barnard courses)

MAJOR IN FINANCIAL ECONOMICS

Please read [Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors](#) (p. 445) above.

The Department of Economics offers the major in financial economics, which provides an academic framework to explore the role of financial markets and intermediaries in the allocation (and misallocation) of capital. Among the topics studied in financial economics are financial markets, banks and other financial intermediaries, asset valuation, portfolio allocation, regulation and corporate governance.

The financial economics major requires 26 points in economics, 6 points in mathematics, 3 points in statistics, 3 points in business, and 12 points from a list of selected courses for a total minimum of 50 points as follows:

Economics Core Courses

All economics core courses

Finance Core Courses *

ECON UN3025	FINANCIAL ECONOMICS
ECON GU4280	CORPORATE FINANCE
BUSI UN3013	FINANCIAL ACCOUNTING

*NOTE: The department considers BUSI UN3013 and IEOR E2261 as overlapping courses. Students who take both courses shall be credited with one course only. Financial economics majors who are also in the Business Management concentration program (CNBUMG) must take an additional elective from either the financial economics prescribed elective list (below) or from the CNBUMB prescribed list.

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Electives

Select four of the following, of which two must be from the Columbia or Barnard economics departments, or equivalent economics transfer credits:

ECON BC3014	Entrepreneurship
ECON BC3017	Economics of Business Organization
ECON UN3265	MONEY AND BANKING
ECON UN3952	MACROECONOMICS #FORMATION OF EXPECTATIONS
ECON GU4020	ECON OF UNCERTAINTY # INFORMTN
ECON GU4213	ADVANCED MACROECONOMICS
ECON GU4251	INDUSTRIAL ORGANIZATION

ECON GU4260	MARKET DESIGN
ECON GU4412	ADVANCED ECONOMETRICS
ECON GU4415	GAME THEORY
ECON GU4465	PUBLIC ECONOMICS
ECON GU4500	INTERNATIONAL TRADE
ECON GU4505	INTERNATIONAL MACROECONOMICS
or ECON BC3038	INTERNATIONAL MONEY & FINANCE
ECON G4526	Transition Reforms, Globalization and Financial Crisis
ECON GU4700	FINANCIAL CRISES
ECON GU4710	FINANCE AND THE REAL ECONOMY
ECON GU4840	BEHAVIORAL ECONOMICS
ECON GU4850	COGNITIVE MECH & ECON BEHAVIOR
ECON GU4860	BEHAVIORAL FINANCE
BIOT GU4180	ENTREPRENEURSHIP IN BIOTECH
BUSI UN3021	MARKETING MANAGEMENT
BUSI UN3701	STRATEGY FORMULATION
BUSI UN3702	VENTURING TO CHANGE THE WORLD
BUSI UN3703	LEADERSHIP IN ORGANIZATION
BUSI UN3704	Making History Through Venturing
COMS W1002	COMPUTING IN CONTEXT
HIST W2904	History of Finance
IEOR E3106	STOCHASTIC SYSTEMS AND APPLICATIONS
IEOR E4700	INTRO TO FINANCIAL ENGINEERING
MATH UN3050	DISCRETE TIME MODELS IN FINANC
POLS UN3630	Politics of International Economic Relations
STAT W3201	Math Finance in Continuous Time
STAT GU4261	STATISTICAL METHODS IN FINANCE
STAT GU4207	ELEMENTARY STOCHASTIC PROCESS
STAT GU4262	Stochastic Processes for Finance

Seminar

The seminar must be chosen from a list of seminars eligible for the financial economics major. The department indicates which seminars are eligible for the major on the Senior Seminars page of the departmental website.

Students must have completed at least one of ECON UN3025 or ECON GU4280 prior to taking their senior seminar.

*

Students must complete the finance core no later than fall of their senior year.

MAJOR IN ECONOMICS-MATHEMATICS

Please read [Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors](#) (p. 445) above.

The major in economics and mathematics provides students with a grounding in economic theory comparable to that provided by the general economics major and exposes students to rigorous and extensive training in mathematics. The program is recommended for any student planning to do graduate work in economics.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Mathematics has an assigned adviser with whom students may consult on mathematics requirements. The economics adviser can only advise on economics requirements; the mathematics adviser can only advise on mathematics requirements.

The economics-mathematics major requires a total of 52 or 56 points (depending on mathematics sequence) : 29 points in economics and 23-27 points in mathematics and statistics as follows:

Economics Core Courses

All economics core courses

Economics Electives

Select three electives at the 3000-level or above

Mathematics

Select one of the following sequences:

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN2010	and LINEAR ALGEBRA

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1205	and ACCELERATED
- MATH UN2010	MULTIVARIABLE CALC
	and LINEAR ALGEBRA

MATH UN1207	HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B

Note: Students who take MATH UN1205 may not receive credit for both MATH UN1201 and MATH UN1202.

Analysis requirement:

MATH UN2500	ANALYSIS AND OPTIMIZATION
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Select three of the following:

MATH UN1202	CALCULUS IV
MATH UN2030	ORDINARY DIFFERENTIAL EQUATIONS

Any mathematics course at the 3000-level or above

Note: Students who take MATH UN1205 will not receive credit for MATH UN1202.

Statistics

Select one of the following sequences:

STAT GU4001	INTRODUCTION TO PROBABILITY AND STATISTICS
STAT GU4203 - STAT GU4204	PROBABILITY THEORY and STATISTICAL INFERENCE

Economics Seminar

Select an economics seminar

NOTE:

1. Students who fulfill the statistics requirement with STAT GU4203 and STAT GU4204, may count STAT GU4203 or STAT GU4204 as one of the three required mathematics electives.
2. Students who choose the one year sequence (STAT GU4203/ STAT GU4204), must complete the year long sequence *prior* to taking ECON UN3412. Students receive elective credit for the probability course.

MAJOR IN ECONOMICS- PHILOSOPHY

Please read [Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors](#) (p. 445) above.

Economics-philosophy is an interdisciplinary major that introduces students to basic methodologies of economics and philosophy and stresses areas of particular concern to both, e.g. rationality and decision making, justice and efficiency, freedom and collective choice, logic of empirical theories and testing. Many issues are dealt with historically. Classic texts of Plato, Kant, Mill, Marx, and Smith are reviewed.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Philosophy has an assigned adviser with whom students may consult on philosophy requirements. The economics adviser can only advise on economics requirements; the philosophy adviser can only advise on philosophy requirements.

The economics-philosophy major requires a total minimum of 54 points: 25 points in economics, 16 points in philosophy, 6 points in mathematics, 3 points in statistics, and 4 points in the interdisciplinary seminar as follows:

Economics Core Courses

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON UN3412	INTRODUCTION TO ECONOMETRICS

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Three Electives are required; two must be selected from the below list, and the remaining elective may be any economics elective at the 3000-level or above.

ECON GU4020	ECON OF UNCERTAINTY # INFORMTN
ECON GU4211	ADVANCED MICROECONOMICS
ECON GU4213	ADVANCED MACROECONOMICS
ECON GU4228	Urban Economics
ECON GU4230	ECONOMICS OF NEW YORK CITY
ECON GU4235	HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes
ECON GU4260	MARKET DESIGN
ECON GU4301	ECONOMIC GROWTH # DEVELOPMNT I
ECON GU4321 or ECON BC3029	ECONOMIC DEVELOPMENT EMPIRICAL APPROACHES DEVLPMNT
ECON GU4370	POLITICAL ECONOMY
ECON GU4400	LABOR ECONOMICS
ECON GU4415	GAME THEORY
ECON GU4438	ECONOMICS OF RACE IN THE U.S.
ECON GU4465	PUBLIC ECONOMICS
ECON GU4480	GENDER # APPLIED ECONOMICS
ECON GU4500	INTERNATIONAL TRADE
ECON GU4615	LAW AND ECONOMICS
ECON GU4625 or ECON BC3039	Economics of the Environment Environmental and Natural Resource Economics
ECON GU4750	GLOBALIZATION # ITS RISKS
ECON GU4840	BEHAVIORAL ECONOMICS
ECON GU4850	COGNITIVE MECH # ECON BEHAVIOR
ECON BC3011	INEQUALITY AND POVERTY

Philosophy Courses

PHIL UN1010	METHDS/PROB OF PHILOS THOUGHT
PHIL UN3411	SYMBOLIC LOGIC
PHIL UN3701	ETHICS
PHIL UN3551 or PHIL UN3960	PHILOSOPHY OF SCIENCE EPISTEMOLOGY
PHIL GU4561	PROBABILITY # DECISION THEORY

Seminar

ECPH GU4950	ECONOMICS # PHILOSOPHY
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Students who declared before Spring 2014: The requirements for this program were modified in 2014. Students who declared this program before Spring 2014 should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

MAJOR IN ECONOMICS–POLITICAL SCIENCE

Please read [Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors](#) (p. 445) above.

Political economy is an interdisciplinary major that introduces students to the methodologies of economics and political science and stresses areas of particular concern to both. This program is particularly beneficial to students planning to do graduate work in schools of public policy and international affairs.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Political Science has an assigned adviser with whom students may consult on political science requirements. The economics adviser can only advise on economics requirements; the political science adviser can only advise on political science requirements.

The economics–political science major requires a total of 59 points: 22 points in economics, 17 points in political science, 6 points in mathematics, 6 points in statistical methods, 4 points in a political science seminar, and 4 points in the interdisciplinary seminar as follows.

The political science courses are grouped into four areas, i.e. subfields: (1) American Politics, (2) Comparative Politics, (3) International Relations, and (4) Political Theory. For the political science part of the major, students are required to select one area as a major subfield and one as a minor subfield. The corresponding introductory courses in both subfields must be taken, plus two electives in the major subfield, and one in the minor subfield.

Economics Core Courses

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON GU4370	POLITICAL ECONOMY

Mathematics

Select a mathematics sequence

Statistical Methods

STAT UN1201	CALC-BASED INTRO TO STATISTICS
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Select one of the following:

ECON UN3412	INTRODUCTION TO ECONOMETRICS
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POLS GU4712	PRINC OF QUANT POL RESEARCH 2
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Economics Electives

Select two electives (6 points) at the 3000-level or above

Political Science Courses

Students must choose a Primary Subfield and a Secondary Subfield to study. The subfields are as follows: American Politics (AP), Comparative Politics (CP), International Relations (IR), and Political Theory (PT).

Primary Subfield: Minimum three courses, one of which must be the subfield's introductory course.

Secondary Subfield: Minimum two courses, one of which must be the subfield's introductory course.

Seminars

Students must take the following two seminars:

ECPS GU4921	SEMINAR IN POLITICAL ECONOMICS
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and a Political Science Department seminar, in the student's Primary Subfield. Please select one of the following: *

POLS UN3911	SEMINAR IN POLITICAL THEORY
or POLS UN3912	SEMINAR IN POLITICAL THEORY

POLS UN3921	AMERICAN POLITICS SEMINAR
or POLS UN3922	AMERICAN POLITICS SEMINAR

POLS UN3951	COMPARATIVE POLITICS SEMINAR
or POLS UN3952	Seminar in Comparative Politics

POLS UN3961	INTERNATIONAL POLITICS SEMINAR
or POLS UN3962	INTERNATIONAL POLITICS SEMINAR

- Students who wish to count toward the political science seminar requirement a course that is not in the above list of approved seminars must obtain permission from the political science Director of Undergraduate studies. Barnard colloquia can count for seminar credit only with the written permission of the Director of Undergraduate Studies. Note that admission to Barnard colloquia is by application to the Barnard political science department only.

MAJOR IN ECONOMICS-STATISTICS

Please read [Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors](#) (p. 445) above.

The major in economics-statistics provides students with a grounding in economic theory comparable to that provided by the general economics major, but also exposes students to a significantly more rigorous and extensive statistics training than is provided by the general major. This program is recommended for students with strong quantitative skills and for those contemplating graduate studies in economics.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements.

The Department of Statistics has an assigned adviser with whom students may consult on statistics requirements. The economics adviser can only advise on economics requirements; the statistics adviser can only advise on statistics requirements.

The economics-statistics major requires a total of 59 points: 29 in economics, 15 points in statistics, 12 points in mathematics, 3 points in computer science as follows:

Economics Core Courses

All economics core courses

Economics Electives

Select three electives at the 3000-level or above

Mathematics

Select one of the following sequences:

MATH UN1101 CALCULUS I
- MATH UN1102 and CALCULUS II
- MATH UN1201 and CALCULUS III
- MATH UN2010 and LINEAR ALGEBRA

MATH UN1101 CALCULUS I
- MATH UN1102 and CALCULUS II
- MATH UN1205 and ACCELERATED
- MATH UN2010 MULTIVARIABLE CALC
and LINEAR ALGEBRA

MATH UN1207 HONORS MATHEMATICS A
- MATH UN1208 and HONORS MATHEMATICS
B

Statistics

STAT UN1201 CALC-BASED INTRO TO
STATISTICS

STAT GU4203 PROBABILITY THEORY

STAT GU4204 STATISTICAL INFERENCE

STAT GU4205 LINEAR REGRESSION
MODELS

One elective in statistics from among courses numbered
STAT GU 4206 through GU 4266.

Computer Science

Select one of the following:

COMS W1004 Introduction to Computer Science
and Programming in Java

COMS W1005 Introduction to Computer Science
and Programming in MATLAB

COMS W1007 Honors Introduction to Computer
Science

ENGI E1006 INTRO TO COMP FOR ENG/
APP SCI

STAT UN2102 Applied Statistical Computing

Economics Seminar

ECON GU4918 SEMINAR IN ECONOMETRICS

Students who declared before Spring 2014: The requirements for this program were modified in 2014. Students who declared this program before Spring 2014 should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

ECONOMICS

ECON UN1105 PRINCIPLES OF ECONOMICS. 4.00 points.

Corequisites: ECON UN1155

Corequisites: ECON UN1155 How a market economy determines the relative prices of goods, factors of production, and the allocation of resources and the circumstances under which it does it efficiently. Why such an economy has fluctuations and how they may be controlled

Fall 2022: ECON UN1105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1105	001/11865	T Th 11:40am - 12:55pm 309 Havemeyer Hall	Waseem Noor	4.00	181/189
ECON 1105	002/11866	M W 10:10am - 11:25am 301 Uris Hall	Prajit Dutta	4.00	178/189
ECON 1105	003/11867	M W 8:40am - 9:55am 501 Schermerhorn Hall	Miguel Urquiola	4.00	176/189

Spring 2023: ECON UN1105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1105	001/12196	M W 8:40am - 9:55am 501 Schermerhorn Hall	Sunil Gulati	4.00	119/210
ECON 1105	002/12120	M W 11:40am - 12:55pm 501 Schermerhorn Hall	Sunil Gulati	4.00	176/210
ECON 1105	003/12122	T Th 2:40pm - 3:55pm 301 Pupin Laboratories	Brendan O'Flaherty	4.00	149/189

ECON UN1155 PRINCIPLES OF ECONOMICS-DISC. 0.00 points.

Required Discussion section for ECON UN1105 Principles of Economics

Fall 2022: ECON UN1155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1155	001/11868			0.00	490/800

Spring 2023: ECON UN1155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1155	001/17161			0.00	411/900

ECON UN2029 FED CHALLENGE WORKSHOP. 1.00 point.

Prerequisites: (ECON UN1105)

Prerequisites: (ECON UN1105) The workshop prepares students to compete in the annual College Fed Challenge sponsored by the Federal Reserve. Topics covered include macroeconomic and financial conditions, monetary policy, financial stability and the Federal Reserve System

Spring 2023: ECON UN2029

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2029	001/12123	Th 2:10pm - 4:00pm 503 Hamilton Hall	Tamrat Gashaw	1.00	9/54

ECON UN2105 THE AMERICAN ECONOMY. 3.00 points.

Prerequisites: ECON UN1105

Prerequisites: ECON UN1105 The course surveys issues of interest in the American economy, including economic measurement, well-being and income distribution, business cycles and recession, the labor and housing markets, saving and wealth, fiscal policy, banking and finance, and topics in central banking. We study historical issues, institutions, measurement, current performance and recent research

Fall 2022: ECON UN2105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2105	001/13150	T Th 11:40am - 12:55pm 517 Hamilton Hall	Claudia Halbac	3.00	75/86

ECON UN2257 THE GLOBAL ECONOMY. 3.00 points.

Prerequisites: ECON UN1105

Prerequisites: ECON UN1105 Covers five areas within the general field of international economics: (i) microeconomic issues of why countries trade, how the gains from trade are distributed, and protectionism; (ii) macroeconomic issues such as exchange rates, balance of payments and open economy macroeconomic adjustment, (iii) the role of international institutions (World Bank, IMF, etc); (iv) economic development and (v) economies in transition

Spring 2023: ECON UN2257

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2257	001/12125	T Th 10:10am - 11:25am 501 Schermerhorn Hall	Waseem Noor	3.00	103/189

ECON UN3025 FINANCIAL ECONOMICS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 Institutional nature and economic function of financial markets. Emphasis on both domestic and international markets (debt, stock, foreign exchange, eurobond, eurocurrency, futures, options, and others). Principles of security pricing and portfolio management; the Capital Asset Pricing Model and the Efficient Markets Hypothesis

Fall 2022: ECON UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3025	001/11870	T Th 11:40am - 12:55pm 207 Mathematics Building	Tamrat Gashaw	3.00	124/150

Spring 2023: ECON UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 3025	001/00406	T Th 1:10pm - 2:25pm 202 Altschul Hall	Elham Saeidinezhad	3.00	63/100
ECON 3025	002/15068	M W 2:40pm - 3:55pm 501 Northwest Corner	Miles Leahey	3.00	93/125

ECON UN3211 INTERMEDIATE MICROECONOMICS. 4.00 points.

Prerequisites: ECON UN1105 and MATH UN1101 and (MATH UN1201 or MATH UN1207)

Prerequisites: ECON UN1105 and MATH UN1101 and (MATH UN1201 or MATH UN1207) The determination of the relative prices of goods and factors of production and the allocation of resources

Fall 2022: ECON UN3211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3211	001/11871	M W 4:10pm - 5:25pm 602 Hamilton Hall	Susan Elmes	4.00	70/86
ECON 3211	002/13151	T Th 11:40am - 12:55pm 402 Chandler	Isaac Bjorke	4.00	79/96
ECON 3211	003/13152	T Th 1:10pm - 2:25pm 310 Fayerweather	Caterina Musatti	4.00	86/96

Spring 2023: ECON UN3211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3211	001/12127	M W 10:10am - 11:25am 301 Uris Hall	Elliot Lipnowski	4.00	35/96
ECON 3211	002/12128	M W 4:10pm - 5:25pm 312 Mathematics Building	Ingmar Nyman	4.00	99/96
ECON 3211	003/12826	T Th 11:40am - 12:55pm 209 Havemeyer Hall	Isaac Bjorke	4.00	96/96
ECON 3211	004/14212	T Th 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Caterina Musatti	4.00	73/96

ECON UN3212 INTER MICROECONOMICS-DISC. 0.00 points.

Required Discussion section for ECON UN3211 intermediate Economics

Fall 2022: ECON UN3212

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3212	001/11873			0.00	157/350

Spring 2023: ECON UN3212

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3212	001/12129			0.00	172/500

ECON UN3213 INTERMEDIATE MACROECONOMICS. 4.00 points.

Prerequisites: (MATH UN1101 or MATH UN1207) and ECON UN1105 or the equivalent.

Corequisites: MATH UN1201

Prerequisites: (MATH UN1101 or MATH UN1207) and ECON UN1105 or the equivalent. Corequisites: MATH UN1201

This course covers the determination of output, employment, inflation and interest rates. Topics include economic growth, business cycles, monetary and fiscal policy, consumption and savings and national income accounting

Fall 2022: ECON UN3213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3213	001/11874	M W 1:10pm - 2:25pm 417 International Affairs Bldg	Xavier Sala-I-Martin	4.00	267/325
ECON 3213	002/11875	T Th 2:40pm - 3:55pm 310 Fayerweather	Irasema Alonso	4.00	78/96

Spring 2023: ECON UN3213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3213	001/12131	M W 8:40am - 9:55am 517 Hamilton Hall	Martin Uribe	4.00	44/86
ECON 3213	002/12132	M W 10:10am - 11:25am 517 Hamilton Hall	Martin Uribe	4.00	75/86
ECON 3213	003/12133	T Th 4:10pm - 5:25pm 312 Mathematics Building	Irasema Alonso	4.00	121/110

ECON UN3214 INTER MACROECONOMICS-DISC. 0.00 points.

Discussion section for ECON UN3213 Intermediate Macro.

Student must register for a section

Fall 2022: ECON UN3214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3214	001/11876			0.00	198/550

Spring 2023: ECON UN3214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3214	001/12134			0.00	66/500

ECON UN3265 MONEY AND BANKING. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 or the equivalent. Introduction to the principles of money and banking. The intermediary institutions of the American economy and their historical developments, current issues in monetary and financial reform

Fall 2022: ECON UN3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3265	001/00399	T Th 2:40pm - 3:55pm 405 Milbank Hall	Elham Saeidinezhad	3.00	76/100

Spring 2023: ECON UN3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3265	001/12135	T Th 2:40pm - 3:55pm 501 Northwest Corner	Tri Vi Dang	3.00	130/150

ECON UN3412 INTRODUCTION TO ECONOMETRICS. 4.00 points.

Prerequisites: (ECON UN3211 or ECON UN3213) and (MATH UN1201 or MATH UN1207) and STAT UN1201

Prerequisites: (ECON UN3211 or ECON UN3213) and (MATH UN1201 or MATH UN1207) and STAT UN1201
Modern econometric methods; the general linear statistical model and its extensions; simultaneous equations and the identification problem; time series problems; forecasting methods; extensive practice with the analysis of different types of data

Fall 2022: ECON UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3412	001/11877	M W 4:10pm - 5:25pm 203 Mathematics Building	Seyhan Erden	4.00	115/110
ECON 3412	002/11878	T Th 8:40am - 9:55am 209 Havemeyer Hall	Simon Lee	4.00	33/96
ECON 3412	003/11879	T Th 10:10am - 11:25am 517 Hamilton Hall	Tamrat Gashaw	4.00	38/86

Spring 2023: ECON UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3412	001/12138	M W 2:40pm - 3:55pm 209 Havemeyer Hall	Seyhan Erden	4.00	112/110
ECON 3412	002/12139	T Th 11:40am - 12:55pm 517 Hamilton Hall	Tamrat Gashaw	4.00	48/86
ECON 3412	003/12140	M W 11:40am - 12:55pm 517 Hamilton Hall	Thomas Piskula	4.00	74/86

ECON UN3413 INTRO TO ECONOMETRICS-DIS. 0.00 points.

Required discussion section for ECON UN3412: Intro to Econometrics

Fall 2022: ECON UN3413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3413	001/11880			0.00	170/300

Spring 2023: ECON UN3413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3413	001/12141			0.00	139/350

ECON UN3901 ECONOMICS OF EDUCATION. 3.00 points.

Prerequisites: (econ un3211 and econ un3213 and econ un3412)

Prerequisites: (econ un3211 and econ un3213 and econ un3412)

Course objective: This course has two objectives: (1) To develop students' skills in research and writing. Specifically, participants will work on: formulating a research question, placing it in the context of an existing literature and/or policy area, and using economic and econometric tools to address it in writing. Specifically, in the first part of the class, readings, problem sets, and a midterm exam will build skills in these areas. In the second part, students will come up with a research question, and address it in a research proposal/report. While all the applications will be on the economics of education, these skills will be useful in students' subsequent careers, regardless of the area of economics they focus on. (2) To provide an introduction to key issues in the economics of education. Specifically, education is a significant industry every person entering this course will have already spent years in this industry as a customer, as a worker, as an input, or all of the above. The course will address questions like: What does economics have to say about how this industry is organized and what determines its output? Why do individuals invest in education? What determines the behavior, productivity, and reputation of firms in the industry? What role should government and public policy (if any) play in its operation?

ECON UN3952 MACROECONOMICS#FORMATION OF EXPECTATIONS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 This course has two main objectives: To introduce students to the process of writing a research paper. This includes identifying and formulating a research question, reviewing the previous literature and positioning the problem in that context, identifying the proper tools and data to answer the question, and finally writing the findings in the format of a research paper. An immediate goal is to prepare the students to undertake a senior thesis project. To provide an introduction to selected topics and survey evidence in macroeconomics, with a focus on the expectation formation process of economic agents. We will start by going through some canonical models that are widely used for economic and policy analysis to understand the role of expectations in the decision making of households and firms. We will then go through a series of survey data and relate the empirical evidence to the theoretical predictions of those canonical models

ECON UN3981 Applied Econometrics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

The objective of this course is to develop students' research skills and to learn the process of writing an original research paper. The skills and process include the ability to identify a problem and state in a concise manner, literature review, data collection, model formulation and estimation, evaluation of the problem and writing up the findings in a format of a research

paper. An immediate and more specific goal is to prepare students to tackle a senior thesis project.

Towards this goal, this course will review or introduce the most widely used econometric techniques for empirical research. These include multiple regressions, probit and logit models, instrumental variables methods, panel data methods, regression discontinuity designs. This course will also introduce some time series methods such as vector autoregressive process, cointegration analysis, financial time series, and modeling of volatilities. Students will need to practice these methods with a computer software package (R or STATA) and with actual economic data sets.

ECON GU4020 ECON OF UNCERTAINTY # INFORMTN. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 Topics include behavior uncertainty, expected utility hypothesis, insurance, portfolio choice, principle agent problems, screening and signaling, and information theories of financial intermediation

ECON GU4211 ADVANCED MICROECONOMICS. 4.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and MATH UN2010 Students must register for required discussion section.

Corequisites: MATH UN2500, MATH GU4061

Prerequisites: ECON UN3211 and ECON UN3213 and MATH UN2010 Students must register for required discussion section.

Corequisites: MATH UN2500 or MATH GU4061 The course provides a rigorous introduction to microeconomics. Topics will vary with the instructor but will include consumer theory, producer theory, general equilibrium and welfare, social choice theory, game theory and information economics. This course is strongly recommended for students considering graduate work in economics. Discussion section required

Spring 2023: ECON GU4211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4211	001/12142	M W 1:10pm - 2:25pm 417 Mathematics Building	Susan Elmes	4.00	9/64

ECON GU4212 ADV MICROECONOMICS - DISC. 0.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and MATH UN2010 Students must register for lecture course ECON GU4211

Corequisites: MATH UN2500

MATH GU4061

Prerequisites: ECON UN3211 and ECON UN3213 and MATH UN2010 Students must register for lecture course ECON GU4211

Corequisites: MATH UN2500, MATH GU4061

Required discussion section for ECON GU4211 Advanced Microeconomics. The course provides a rigorous introduction to microeconomics. Topics will vary with the instructor but will

include consumer theory, producer theory, general equilibrium and welfare, social choice theory, game theory and information economics. This course is strongly recommended for students considering graduate work in economics. Discussion section required

Spring 2023: ECON GU4212

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4212	001/12144			0.00	9/64

ECON GU4213 ADVANCED MACROECONOMICS. 4.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and MATH UN2010 Required discussion section ECON GU4214

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and MATH UN2010 Required discussion section ECON GU4214 An introduction to the dynamic models used in the study of modern macroeconomics. Applications of the models will include theoretical issues such as optimal lifetime consumption decisions and policy issues such as inflation targeting. This course is strongly recommended for students considering graduate work in economics

Fall 2022: ECON GU4213

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4213	001/11883	M W 2:40pm - 3:55pm 516 Hamilton Hall	Jennifer La'O	4.00	10/54

ECON GU4214 ADV MACROECONOMICS - DISC. 0.00 points.

Fall 2022: ECON GU4214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4214	001/11884			0.00	10/100

ECON GU4228 Urban Economics. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213

Congestion and other games, and the pricing of transit services. Location theory and land rents. Segregation and discrimination. The fiscal structure of American cities. Zoning and the taking issue. Abandonment and city-owned property. Economic development, abatements, subsidies, and eminent domain. Crime, deadweight losses, and the allocation of police services.

ECON GU4230 ECONOMICS OF NEW YORK CITY. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 This course takes New York as our laboratory. Economics is about individual choice subject to constraints and the ways that choices sum up to something often much more than the parts. The fundamental feature of any city is the combination of those forces that bring people together and those that push them apart. Thus both physical and social space will be central to our discussions. The underlying theoretical

and empirical analysis will touch on spatial aspects of urban economics, regional, and even international economics. We will aim to see these features in New York City taken as a whole, as well as in specific neighborhoods of the city. We will match these theoretical and empirical analyses with readings that reflect close observation of specific subjects. The close observation is meant to inspire you to probe deeply into a topic in order that the tools and approaches of economics may illuminate these issues in a fresh way

ECON GU4235 HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes. 3 points.

Not offered during 2022-23 academic year.

Prerequisites: ECON UN3211 and ECON UN3213

A survey of some of the major intellectual developments that have created the discipline of economics. Particular attention to the works of Adam Smith, Alfred Marshall, Irving Fisher, and J. M. Keynes.

ECON GU4251 INDUSTRIAL ORGANIZATION. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 The study of industrial behavior based on game-theoretic oligopoly models. Topics include pricing models, strategic aspects of business practice, vertical integration, and technological innovation

Fall 2022: ECON GU4251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4251	001/11885	M W 4:10pm - 5:25pm 702 Hamilton Hall	Gautam Gowrisankaran	3.00	56/86

Spring 2023: ECON GU4251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4251	001/12145	T Th 1:10pm - 2:25pm 517 Hamilton Hall	Pietro Tebaldi	3.00	29/86

ECON GU4260 MARKET DESIGN. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 This course uses modern microeconomic tools for understanding markets for indivisible resources and exploring ways to improve their design in terms of stability, efficiency and incentives. Lessons of market design will be applied to developing internet platforms for intermediating exchanges, for auctions to allocate sponsored search advertising, to allocate property rights such as public lands, radio spectrums, fishing rights, for assigning students to public schools, and for developing efficient kidney exchanges for transplantation

Spring 2023: ECON GU4260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 4260	001/12146	M W 4:10pm - 5:25pm 517 Hamilton Hall	Yeon-Koo Che	3.00	29/86
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ECON GU4280 CORPORATE FINANCE. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 An introduction to the economics principles underlying the financial decisions of firms. The topics covered include bond and stock valuations, capital budgeting, dividend policy, market efficiency, risk valuation, and risk management. For information regarding REGISTRATION for this course, go to: <http://econ.columbia.edu/registration-information>

Fall 2022: ECON GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/11886	M W 10:10am - 11:25am 390 Geffen Hall	Haran Segram	3.00	77/75
ECON 4280	002/11887	T Th 4:10pm - 5:25pm 602 Hamilton Hall	Tri Vi Dang	3.00	81/86

Spring 2023: ECON GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/12148	M W 10:10am - 11:25am 390 Geffen Hall	Haran Segram	3.00	65/70
ECON 4280	002/12149	T Th 4:10pm - 5:25pm 310 Fayerweather	Tri Vi Dang	3.00	80/90

ECON GU4301 ECONOMIC GROWTH # DEVELOPMNT I. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213. Economic development is a complex and multifaceted process. Once considered a goal in itself, more recently it has become to be viewed as the fundamental means to world poverty alleviation. Today, about half of the world population still lives on less than \$2 /day. Why? What does it mean to be poor? What are the forces that prevent so many people from enjoying a higher standard of living? The course opens on some fundamental macroeconomic models of economic growth and the recent debate on the geographical or institutional nature of the ultimate causes of growth or arrested development. Then we will move into the most recent microeconomic literature that sheds light on the lives of the poor and on the forces - in particular the market distortions and the market failures - that keep billions in poverty. Among others, we will discuss interesting topics like nutrition and health, the cultural origins of corruption, the effect of global warming, and the design of effective anti-poverty programs

Fall 2022: ECON GU4301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4301	001/11888	M W 8:40am - 9:55am 310 Fayerweather	Xavier Sala-I-Martin	3.00	72/96

ECON GU4321 ECONOMIC DEVELOPMENT. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 Historical comparative examination of the economic development problems of the less developed countries; the roles of social institutions and human resource development; the functions of urbanization, rural development, and international trade

Spring 2023: ECON GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4321	001/12151	T Th 1:10pm - 2:25pm 303 Uris Hall	Jack Willis	3.00	29/67

ECON GU4325 ECONOMIC DEVELOPMENT OF JAPAN. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 The growth and structural changes of the post-World War II economy; its historical roots; interactions with cultural, social, and political institutions; economic relations with the rest of the world

Fall 2022: ECON GU4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4325	001/11889	T Th 10:10am - 11:25am 207 Mathematics Building	David Weinstein	3.00	79/125

ECON GU4370 POLITICAL ECONOMY. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 or POLS 4710 for those who declared prior to Spring 2014.

The objective of this course is to develop understanding of how political institutions and behavior shape economic outcomes, and vice versa. Starting from the micro level study of political behavior, we will build up to analyze the internal workings of institutions and ultimately macro level economic and political outcomes. During the course we will cover the following topics

- Limits and potential of markets
- Public goods provision
- Voting
- Redistribution

Fall 2022: ECON GU4370

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4370	001/11890	M W 10:10am - 11:25am 310 Fayerweather	Alessandra Casella	3.00	66/100

ECON GU4400 LABOR ECONOMICS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

The labor force and labor markets, educational and man power training, unions and collective bargaining, mobility and immobility, sex and race discrimination, unemployment.

ECON GU4411 ADV ECONOMETRICS-DISC. 0.00 points.**Fall 2022: ECON GU4411**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 001/11891 0.00 8/60
4411

ECON GU4412 ADVANCED ECONOMETRICS. 4.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and MATH UN2010 Students must register for required discussion section.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and MATH UN2010 Students must register for required discussion section. The linear regression model will be presented in matrix form and basic asymptotic theory will be introduced. The course will also introduce students to basic time series methods for forecasting and analyzing economic data. Students will be expected to apply the tools to real data

Fall 2022: ECON GU4412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4412	001/11892	T Th 1:10pm - 2:25pm 503 Hamilton Hall	Serena Ng	4.00	14/54

ECON GU4413 Econometrics of Time Series and Forecasting. 3 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

Corequisites: MATH UN2010

This course focuses on the application of econometric methods to time series data; such data is common in the testing of macro and financial economics models. It will focus on the application of these methods to data problems in macro and finance.

ECON GU4415 GAME THEORY. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 Introduction to the systematic treatment of game theory and its applications in economic analysis

Fall 2022: ECON GU4415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4415	001/16492	M W 10:10am - 11:25am 603 Hamilton Hall	Evan Sadler	3.00	26/54

Spring 2023: ECON GU4415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4415	001/12153	M W 4:10pm - 5:25pm 203 Mathematics Building	Qingmin Liu	3.00	76/110

ECON GU4438 ECONOMICS OF RACE IN THE U.S.. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 ECON GU4400 is strongly recommended.

Prerequisites: ECON UN3211 and ECON UN3213 ECON GU4400 is strongly recommended. What differences does race make in the U.S. economy? Why does it make these differences? Are these differences things we should be concerned about? If so, what should be done? The course

examines labor markets, housing markets, capital markets, crime, education, and the links among these markets. Both empirical and theoretical contributions are studied

Fall 2022: ECON GU4438

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4438	001/11894	T Th 2:40pm - 3:55pm 329 Pupin Laboratories	Brendan O'Flaherty	3.00	72/100

ECON GU4465 PUBLIC ECONOMICS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 Types of market failures and rationales for government intervention in the economy. Benefit-cost analysis and the theory of public goods. Positive and normative aspects of taxation. The U.S. tax structure

Fall 2022: ECON GU4465

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4465	001/13153	M W 2:40pm - 3:55pm 333 Uris Hall	Wojciech Kopczuk	3.00	40/50

Spring 2023: ECON GU4465

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4465	001/19525	T Th 10:10am - 11:25am 233 Seeley W. Mudd Building	Jacob Bastian	3.00	46/45

ECON GU4480 GENDER # APPLIED ECONOMICS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 This course studies gender gaps, their extent, determinants and consequences. The focus will be on the allocation of rights in different cultures and over time, why women's rights have typically been more limited and why most societies have traditionally favored males in the allocation of resources

Fall 2022: ECON GU4480

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4480	001/13154	T Th 4:10pm - 5:25pm 331 Uris Hall	Lena Edlund	3.00	16/54

ECON GU4500 INTERNATIONAL TRADE. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 The theory of international trade, comparative advantage and the factor endowments explanation of trade, analysis of the theory and practice of commercial policy, economic integration. International mobility of capital and labor; the North-South debate

Fall 2022: ECON GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4500	001/11895	T Th 2:40pm - 3:55pm 326 Uris Hall	Waseem Noor	3.00	28/63

Spring 2023: ECON GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4500	001/12154	T Th 2:40pm - 3:55pm 602 Hamilton Hall	Waseem Noor	3.00	31/86

ECON GU4505 INTERNATIONAL MACROECONOMICS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213. Econ GU4505 is an elective in the economics major. The course develops models for the analysis of the determinants of international capital flows, trade imbalances, and exchange rates. The models are then used as the basis for the discussion of topics such as Global Imbalances, Uncertainty and the Current Account, The Global Saving Glut, Purchasing Power Parity, Sudden Stops, Real Exchange Rates and Productivity, Covered Interest Rate Parity, Uncovered Interest Rate Parity, Borrowing Externalities and Optimal Capital Controls, Overborrowing, Macroeconomic Adjustment under Flexible and Fixed Exchange Rates, Twin Deficits, and Balance of Payment Crises

Fall 2022: ECON GU4505

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4505	001/11897	T Th 8:40am - 9:55am 503 Hamilton Hall	Stephanie Schmitt-Grohe	3.00	22/54

ECON GU4526 Transition Reforms, Globalization and Financial Crisis. 3 points.

Not offered during 2022-23 academic year.

Prerequisites: *ECON UN3211* and *UN3213*.

Covers reform issues in transition economies such as price liberalization, currency reform, asset privatization, macroeconomic stabilization, trade liberalization and exchange rate policies, and foreign resource flows with suitable examples from the experience of the transition economies of Russia, the post-Soviet states, East-central Europe, China and Vietnam.

ECON GU4615 LAW AND ECONOMICS. 3.00 points.**Spring 2023: ECON GU4615**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4615	001/14220	T Th 11:40am - 12:55pm 717 Hamilton Hall	Andrew Abernethy	3.00	79/86

ECON GU4625 Economics of the Environment. 3 points.

Not offered during 2022-23 academic year.

Prerequisites: *ECON UN3211* and *UN3213*.

Microeconomics is used to study who has an incentive to protect the environment. Government's possible and actual role in protecting the environment is explored. How do technological change, economic development, and free trade affect the environment? Emphasis on hypothesis testing and quantitative analysis of real-world policy issues.

ECON GU4630 Climate Finance. 3.00 points.

In lieu of the failure of legislatures to pass comprehensive carbon taxes, there is growing pressure on the financial system to address the risks of global warming. One set of pressures is to account for the heightened physical risks due to extreme weather events and potential climate tipping points. Another set of pressures are to find approaches to incentivize corporations to meet the goals set out in the Paris Treaty of 2015. These approaches include (1) mandates or restrictions to only hold companies with decarbonization plans, (2) development of negative emissions technologies such as direct-air capture and (3) promotion of natural capital markets that can be used to offset carbon emissions. Moreover, financial markets also provide crucial information on expectations and plans of economic agents regarding climate change. This course will cover both models and empirical methodologies that are necessary to assess the role of the financial system in addressing global warming

Spring 2023: ECON GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4630	001/12155	M W 1:10pm - 2:25pm 516 Hamilton Hall	Jose Scheinkman, Harrison Hong	3.00	47/54

ECON GU4700 FINANCIAL CRISES. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

This course uses economic theory and empirical evidence to study the causes of financial crises and the effectiveness of policy responses to these crises. Particular attention will be given to some of the major economic and financial crises in the past century and to the crisis that began in August 2007.

ECON GU4710 FINANCE AND THE REAL ECONOMY. 3.00 points.

Prerequisites: (Econ UN3211) and (ECON UN3213) and (STAT UN1201)

Prerequisites: (Econ UN3211) and (ECON UN3213) and (STAT UN1201) This course uses economic theory and empirical evidence to study the links between financial markets and the real economy. We will consider questions such as: What is the welfare role of finance? How do financial markets affect consumers and firms? How do shocks to the financial system transmit to the real economy? How do financial markets impact inequality?

Spring 2023: ECON GU4710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4710	001/12156	M W 5:40pm - 6:55pm 517 Hamilton Hall	Matthieu Gomez	3.00	32/86

ECON GU4750 GLOBALIZATION # ITS RISKS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 The world is being transformed by dramatic increases in flows of people,

goods and services across nations. Globalization has the potential for enormous gains but is also associated to serious risks. The gains are related to international commerce where the industrial countries dominate, while the risks involve the global environment, poverty and the satisfaction of basic needs that affect in great measure the developing nations. Both are linked to a historical division of the world into the North and the South-the industrial and the developing nations. Key to future evolution are (1) the creation of new markets that trade privately produced public goods, such as knowledge and greenhouse gas emissions, as in the Kyoto Protocol; (2) the updating of the Breton Woods Institutions, including the creation of a Knowledge Bank and an International Bank for Environmental Settlements

Fall 2022: ECON GU4750

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4750	001/18742	M W 5:40pm - 6:55pm 326 Uris Hall	Graciela Chichilnisky	3.00	21/50

ECON GU4840 BEHAVIORAL ECONOMICS. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213

Prerequisites: ECON UN3211 and ECON UN3213 Within economics, the standard model of behavior is that of a perfectly rational, self interested utility maximizer with unlimited cognitive resources. In many cases, this provides a good approximation to the types of behavior that economists are interested in. However, over the past 30 years, experimental and behavioral economists have documented ways in which the standard model is not just wrong, but is wrong in ways that are important for economic outcomes. Understanding these behaviors, and their implications, is one of the most exciting areas of current economic inquiry. The aim of this course is to provide a grounding in the main areas of study within behavioral economics, including temptation and self control, fairness and reciprocity, reference dependence, bounded rationality and choice under risk and uncertainty. For each area we will study three things: 1. The evidence that indicates that the standard economic model is missing some important behavior 2. The models that have been developed to capture these behaviors 3. Applications of these models to (for example) finance, labor and development economics As well as the standard lectures, homework assignments, exams and so on, you will be asked to participate in economic experiments, the data from which will be used to illustrate some of the principals in the course. There will also be a certain small degree of classroom 'flipping', with a portion of many lectures given over to group problem solving. Finally, an integral part of the course will be a research proposal that you must complete by the end of the course, outlining a novel piece of research that you would be interested in doing

Spring 2023: ECON GU4840

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4840	001/12157	M W 11:40am - 12:55pm	Mark Dean	3.00	25/108

614 Schermerhorn
Hall

ECON GU4850 COGNITIVE MECH # ECON BEHAVIOR. 4.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201

Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201 Standard economic theory seeks to explain human behavior (especially in economic settings, such as markets) in terms of rational choice, which means that the choices that are made can be predicted on the basis of what would best serve some coherent objective, under an objectively correct understanding of the predictable consequences of alternative actions. Observed behavior often seems difficult to reconcile with a strong form of this theory, even if incentives clearly have some influence on behavior; and the course will discuss empirical evidence (both from laboratory experiments and observations in the field) for some well-established anomalies. But beyond simply cataloguing anomalies for the standard theory, the course will consider the extent to which departures from a strong version of rational choice theory can be understood as reflecting cognitive processes that are also evident in other domains such as sensory perception; examples from visual perception will receive particular attention. And in addition to describing what is known about how the underlying mechanisms work (something that is understood in more detail in sensory contexts than in the case of value-based decision making), the course will consider the extent to which such mechanisms --- while suboptimal from a normative standpoint that treats perfect knowledge of one's situation as costless and automatic --- might actually represent efficient uses of the limited information and bounded information-processing resources available to actual people (or other organisms). Thus the course will consider both ways in which the realism of economic analysis may be improved by taking into account cognitive processes, and ways in which understanding of cognitive processes might be advanced by considering the economic problem of efficient use of limited (cognitive) resources

ECON GU4860 BEHAVIORAL FINANCE. 3.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 Neoclassical finance theory seeks to explain financial market valuations and fluctuations in terms of investors having rational expectations and being able to trade without costs. Under these assumptions, markets are efficient in that stocks and other assets are always priced just right. The efficient markets hypothesis (EMH) has had an enormous influence over the past 50 years on the financial industry, from pricing to financial innovations, and on policy makers, from how markets are regulated to how monetary policy is set. But there was very little in prevailing EMH models to suggest the instabilities associated with the Financial Crisis of 2008 and indeed with earlier crises in financial market history. This course seeks to develop a set of tools to build a more robust

model of financial markets that can account for a wider range of outcomes. It is based on an ongoing research agenda loosely dubbed “Behavioral Finance”, which seeks to incorporate more realistic assumptions concerning human rationality and market imperfections into finance models. Broadly, we show in this course that limitations of human rationality can lead to bubbles and busts such as the Internet Bubble of the mid-1990s and the Housing Bubble of the mid-2000s; that imperfections of markets — such as the difficulty of short-selling assets — can cause financial markets to undergo sudden and unpredictable crashes; and that agency problems or the problems of institutions can create instabilities in the financial system as recently occurred during the 2008 Financial Crisis. These instabilities in turn can have feedback effects to the performance of the real economy in the form of corporate investments

Spring 2023: ECON GU4860

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4860	001/12158	M W 2:40pm - 3:55pm 517 Hamilton Hall	Harrison Hong	3.00	41/86

ECON GU4911 MICROECONOMICS SEMINAR. 4.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 Registration information is posted on the department's Seminar Sign-up webpage.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 Selected topics in microeconomics

Fall 2022: ECON GU4911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4911	000/11899		Susan Elmes	4.00	0/800
ECON 4911	001/11900	W 4:10pm - 6:00pm 1102 International Affairs Bldg	Sunil Gulati	4.00	17/16
ECON 4911	002/11901	W 2:10pm - 4:00pm 1027 International Affairs Bldg	Lena Edlund	4.00	17/16
ECON 4911	003/11904	W 10:10am - 12:00pm 1027 International Affairs Bldg	Neal Masia	4.00	13/16
ECON 4911	004/11902	T 10:10am - 12:00pm 1102 International Affairs Bldg	Tri Vi Dang	4.00	17/16
ECON 4911	005/11903	M 4:10pm - 6:00pm 1027 International Affairs Bldg	Prajit Dutta	4.00	17/16
ECON 4911	006/13155	T 12:10pm - 2:00pm 1027 International Affairs Bldg	Andrew Abere	4.00	10/16
ECON 4911	007/13156	T 2:10pm - 4:00pm 1027 International Affairs Bldg	Guillaume Haeringer	4.00	14/16

Spring 2023: ECON GU4911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 4911	000/12159		Susan Elmes	4.00	0/800
ECON 4911	001/12161	W 12:10pm - 2:00pm 1102 International Affairs Bldg	Isaac Bjorke	4.00	16/16
ECON 4911	002/12162	M 4:10pm - 6:00pm 1027 International Affairs Bldg	Sunil Gulati	4.00	17/16
ECON 4911	003/12163	M 2:10pm - 4:00pm 1101 International Affairs Bldg	Graciela Chichilnisky	4.00	10/16
ECON 4911	004/12164	M 10:10am - 12:00pm 1102 International Affairs Bldg	Douglas Almond	4.00	16/16
ECON 4911	005/15066	M 12:10pm - 2:00pm 306 Hamilton Hall	Andrew Kosenko	4.00	17/16
ECON 4911	006/17953	T 10:10am - 12:00pm 1027 International Affairs Bldg	Tri Vi Dang	4.00	17/16

ECON GU4913 MACROECONOMICS SEMINAR. 4.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 Registration information is posted on the department's Seminar Sign-up webpage.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 Registration information is posted on the departments Seminar Sign-up webpage. Selected topics in macroeconomics. Selected topics will be posted on the departments webpage

Fall 2022: ECON GU4913

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4913	001/13157	T 4:10pm - 6:00pm 1102 International Affairs Bldg	Miles Leahey	4.00	17/16
ECON 4913	002/11905	M 2:10pm - 4:00pm 1102 International Affairs Bldg	Émilien Gouin-Bonenfant	4.00	15/16
ECON 4913	003/18743	W 12:10pm - 2:00pm 501 International Affairs Bldg	Thomas Piskula	4.00	15/16

Spring 2023: ECON GU4913

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4913	001/12171	Th 8:10am - 10:00am 1102 International Affairs Bldg	Richard Clarida	4.00	17/16
ECON 4913	004/12173	W 10:10am - 12:00pm 1102 International Affairs Bldg	Joseph Stiglitz, Karla Hoff	4.00	17/16
ECON 4913	005/12827	T 2:10pm - 4:00pm 212d Lewisohn Hall	Tamrat Gashaw	4.00	13/16

ECON GU4918 SEMINAR IN ECONOMETRICS. 4.00 points.

Prerequisites: ECON UN3211 and ECON UN3213 and ECON UN3412 and sign-up in the department's office. Registration

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ECON BC2020	Introduction to Development Economics
ECON BC2224	CODING MARKETS
ECON BC2075	Logic and Limits of Economic Justice
ECON BC3027	Economics of Inequality
ECON BC3010	American Wellbeing
ECON BC3011	INEQUALITY AND POVERTY
ECON BC3012	THE ECONOMICS OF EDUCATION
ECON BC3013	Economic History of the United States
ECON BC3014	Entrepreneurship
ECON BC3017	Economics of Business Organization
ECON BC3019	LABOR ECONOMICS
ECON BC3022	Economic History of Europe
ECON BC3023	Topics in Economic History
ECON BC3024	MIGRATION # ECONOMIC CHANGE
ECON UN3025	FINANCIAL ECONOMICS
ECON BC3026	Economics of the Public Sector
ECON BC3029	EMPIRICAL APPROACHES DEVLPMNT
ECON BC3031	Economics of Life
ECON BC3038	INTERNATIONAL MONEY # FINANCE
ECON BC3039	Environmental and Natural Resource Economics
ECON BC3041	THEORETICAL FOUNDATIONS- POLIT ECON
ECON BC3045	BUSINESS CYCLES
ECON BC3047	International Trade
ECON BC3049	Economic Evaluation of Social Programs
ECON UN3265	MONEY AND BANKING
ECON BC3270	Topics in Money and Finance

EDUCATION

Please note that the Educational Studies major is currently being offered to Barnard College students only.

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Program Director/Chair: Professor Thea Abu El-Haj
Department Assistant: education@barnard.edu

The Barnard Education Program is committed to strengthening public education and addressing issues of equity and social justice, particularly in urban schools. We offer two tracks in Education: Educational Studies (Major and Minor/Special Concentration), and Urban-Teaching Minors/Special Concentration (that leads to teacher certification in Elementary/Childhood Education or Secondary-Adolescent Education).

In all tracks, students develop critical lenses to understand education as a fundamental human activity that occurs across many settings; to analyze the issues facing public schools; and to consider ways to promote fair and inclusive policies and practices for children and youth. The classes are open to all undergraduates at Columbia (BC, SEAS, GS, CC). The two tracks we offer are:

Educational Studies

Education Studies is an interdisciplinary program for students who wish to understand, critically analyze, and conduct research on the role of education in society. Our students draw on a wide range of theoretical and empirical scholarship to study education as a social, cultural, and historical process. We understand education as much more than schooling, even as schooling is central to many of our concerns. Students who pursue the major or the minor/special concentration in Educational Studies learn to evaluate educational policy, practice, and research through a critical, equity-oriented lens. Our graduates will be prepared to act creatively for peace, justice, and sustainability in local and global educational contexts. Educational Studies prepares students to pursue graduate studies or positions in public policy, sociology, history, youth studies, philosophy, psychology, and other areas where K-12 education is frequently a focus of coursework and scholarship, as well as to pursue teacher certification through a graduate program. Educational Studies does not lead to teacher certification.

Educational Studies Major: The Educational Studies major is designed for students whose primary interest is in pursuing Education as their major course of study. Educational Studies majors concentrate in one of three areas: Education, Culture, and Society; Educational Policy; or Comparative and International Education. In their senior year, they conduct an original inquiry project. Currently, the major in Education Studies is open to Barnard College students only.

Education Studies Minor/Special Concentration: Educational Studies minors (BC) or special concentrations (CC, GS) pursue similar coursework to that undertaken by the majors. This course of study is intended to complement a major's disciplinary specialization and methodological training. In addition to the requirements of the minor/special concentration, students must complete a major. The special concentration minors are open to all students at Barnard College, Columbia College, and College of General Studies.

For further information, and to apply to the major or minor tracks, please visit our [website](#)

Urban Teaching Minors/Special Concentrations

This track is for students who want to graduate from college with teacher certification. Our goal is to prepare students to become skilled and reflective teachers who can effectively respond to the learning needs of diverse learners, and create supportive and intellectually stimulating classroom communities. Students learn to create innovative curriculum; gain experience observing, tutoring, and teaching a diverse range of children and young people; develop confidence in their role as teachers who can promote fair and inclusive school practices; and graduate with certification to teach in New York. (Note: we are part of an interstate agreement for reciprocal certification with many other states.)

This program is registered by the New York State Department of Education and accredited by the Association for Advancing Quality in Educator Preparation (AAQEP). Students who complete the program will be recommended for Initial Certification in either Childhood Education (Grades 1-6) or Adolescent Education (Grades 7-12). Graduates of the program are also eligible for membership in the Interstate Certification Agreement, a reciprocal certification among forty-one states. We provide ongoing support to those who teach in the New York City area through our New Teacher Network.

To apply to the Urban Teaching tracks, please visit our [website](#). Students are encouraged to apply for admission by March of the sophomore year but no later than the first Tuesday in September of the junior year. Those who plan to study abroad during junior year should apply by the spring of the freshman year, but no later than the first Tuesday in September of the sophomore year and take the Inclusive Approaches and Multicultural Pedagogy courses in the fall and spring of sophomore year. Admission criteria include good academic standing; evidence of commitment to the field of education; interest in issues of social justice issues as they affect education, particularly in urban schools; and capacity for growth as an intellectually resourceful and reflective teacher. Enrollment is limited.

Professors

Thea Abu El-Haj (Program Director/Chair)
Maria Rivera Maulucci

Senior Lecturer and Certification Officer

Lisa Edstrom

Term Assistant Professors

Erika Kitzmiller
Chandler Miranda
Natalia Ortiz
Rachel Throop

Education Advisory Committee

Peter Balsam, Professor of Psychology and Samuel R. Milbank Chair
Lesley Sharp, Barbara Chamberlain & Helen Chamberlain
Josefsberg Professor of Anthropology

Herbert Sloan, Professor Emeritus of History
Kathryn Yatrakis, Professor of Urban Studies and Former Dean of Academic Affairs (Columbia College)

Please note that the Educational Studies major is currently being offered to Barnard College students only.

REQUIREMENTS FOR THE EDUCATIONAL STUDIES MAJOR

To complete the Major (BC) in Educational Studies, students must complete a minimum of 40 points of course work, listed below. *Please note that the Educational Studies major is currently being offered to Barnard College students only.*

The Education Studies track requires a minimum of eleven courses:

Requirement A - Foundational Coursework

EDUC BC1510	EDUCATIONAL FOUNDATIONS
URBS UN3310	RACE. SPACE, URB SCHOOLS

Requirement B - Pedagogical Elective

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING

Requirement C - Concentration Courses

Select 6 of the following: At least 2 courses must be EDUC courses.
Course selection to be determined with adviser.

EDUC BC3032	INVESTIGATING THE PURPOSES AND AIMS OF EDUCATION POLICY
EDUC BC3042	GENDER, SEXUALITY, AND SCHOOL
EDUC BC3045	COMPLICATING CLASS: EDUCATION AND THE LIMITS OF EQUITY
EDUC BC3040	MIGRATION, GLOBALIZATION, AND EDUCATION
EDUC BC3250	EDUCATION IN A POLARIZED AND UNEQUAL SOCIETY
EDUC BC3044	EDUCATION AND SOCIAL CHANGE IN COMPARATIVE GLOBAL CONTEXTS
EDUC BC3034	Families, Communities, and Schools
EDUC BC3030	Critical Pedagogies
PHIL UN2100	Philosophy of Education
SOCI UN3225	SOCIOLOGY OF EDUCATION

ECON BC3012	THE ECONOMICS OF EDUCATION
PSYC BC2134	Educational Psychology
CSER UN3928	COLONIZATION/ DECOLONIZATION
HRTS UN3001	INTRODUCTION TO HUMAN RIGHTS

Other Courses You may count other electives not listed here toward the Concentration Courses requirement. These courses must be reviewed with your adviser before enrollment.

Requirement D - Senior Capstone

EDUC BC3088	Senior Research Seminar: Methods of Inquiry
EDUC BC3089	Senior Research Seminar: Inquiry

REQUIREMENTS FOR THE URBAN TEACHING MINORS/SPECIAL CONCENTRATIONS

Elementary/Childhood Education (To Teach Grades 1-6)

This program leads to New York State Initial Certification in Childhood Education (Grades 1- 6). In addition to the liberal arts major, students must complete a total of 32-34 credits as follows:

Requirement A - Educational Foundations For students who have already taken EDUC BC3032, PHIL UN2100, SOCI UN3225, or ECON BC3012 to fulfill Requirement A prior to Fall 2018 do not need to enroll in EDUC BC1510 to fulfill the requirement.

EDUC BC1510	EDUCATIONAL FOUNDATIONS	4
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Requirement B - Psychology

Select one of the following: 3-4.5

PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *

Requirement C - Pedagogical Elective

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II

Requirement D - Pedagogical Core

EDUC BC3025	INCLUSIVE APPROACHES TO TEACHING LITERACY: THEORY AND PRACTICE	4
EDUC BC3053	MULTICULTURAL ELEMENTARY PEDA	4
EDUC BC3063	STUDENT TEACHING/URBAN SCHOOLS	6

EDUC BC3064	SEM: ISSUES URBAN TEACHING	4
EDUC BC3061	ASSESSMENT OF TEACHING	3.00

Requirement E - Liberal Arts and Sciences

Visit <https://education.barnard.edu/UrbanTeaching/LiberalArtsandSciencesRequirements> for more information.

Requirement F - Clinical Experiences

Visit <https://education.barnard.edu/UrbanTeaching/ClinicalExperiences> for more information.

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Courses offered at Columbia

Note: Senior year student teaching may conflict with other opportunities at Barnard (e.g., PSYC BC3465 Field Work # Research Seminar: Toddler Center, PSYC BC3466 FIELD WORK # RESEARCH SEMINAR: TODDLER CENTER). Students with these interests should arrange their schedules accordingly.

Secondary/Adolescent Education (To Teach Grades 7-12)

This program leads to the New York State Initial Certification in Adolescent Education (Grades 7-12) in the fields of English, Foreign and Ancient Languages, Mathematics, the Sciences, and Social Studies. Students must complete a total of 32-34 credits from the following course of study:

Requirement A - Educational Foundations For students who have already taken EDUC BC3032, PHIL UN2100, SOCI UN3225, or ECON BC3012 to fulfill Requirement A prior to Fall 2018 do not need to enroll in EDUC BC1510 to fulfill the requirement.

EDUC BC1510	EDUCATIONAL FOUNDATIONS	4
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Requirement B - Psychology

Select one of the following: 3-4.5

PSYC BC1107	Psychology of Learning
PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC BC3382	ADOLESCENT PSYCHOLOGY
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *

Requirement C - Pedagogical Elective

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II

Requirement D - Pedagogical Core

EDUC BC3025	INCLUSIVE APPROACHES TO TEACHING LITERACY: THEORY AND PRACTICE	4
EDUC BC3054	MULTICULTURAL SECONDARY PEDAG	4.00

EDUC BC3065	SECONDARY STUDENT TEACHING URBAN SCHOLARSHIPS	6.00
EDUC BC3064	SEM: ISSUES URBAN TEACHING	4
EDUC BC3061	ASSESSMENT OF TEACHING	3.00

Requirement E - Liberal Arts and Sciences

Visit <https://education.barnard.edu/UrbanTeaching/LiberalArtsandSciencesRequirements> for more information.

Requirement F - Clinical Experiences

Visit <https://education.barnard.edu/UrbanTeaching/ClinicalExperiences> for more information.

Additional Urban Teaching Certification Requirements: Adolescent/Secondary

Students seeking certification in Adolescent Education must also complete 36 credits in the content area for which they seek certification. Typically, students major in the subject area for which they are seeking certification. Students must earn a grade of C or better for each course taken in the content core.

English:

A total of 36 credits of English.

Foreign Languages:

A total of 36 credits in French, German, Greek, Italian, Latin, or Spanish.

Mathematics:

A total of 36 credits of Mathematics.

Science:

A total of 36 credits in sciences including a minimum of 18 credits of collegiate-level study in the science or each of the sciences for which certification is sought: Biology, Chemistry, Physics, or Earth Science. Please note that psychology does not count as a science for NYS Teacher Certification. **

Social Studies:

A total of 36 credits, including 6 credits of American History; 6 credits of European or World History; 3 credits of non-Western study; and any other distribution to make 36 credits, chosen from credits in History, Political Science, Anthropology, Sociology, and Economics.

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Courses offered at Columbia

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Please note that some applied science courses will not be accepted.

Certification Requirements

The Urban Teaching program is accredited by AAQEP and approved by the New York State Education Department to recommend students who complete the program for Initial Certification in either Childhood Education (grades 1-6) or Adolescent Education (grades 7-12). New York State has reciprocity with most other states, allowing graduates of the program the ability to apply for certification in another state through our membership in the Interstate Certification Agreement.

Certification is based on demonstrated competency in both academic and field settings. Students are required to complete a minimum of 360 hours of educational based clinical experiences. 260+ hours must be supervised field based experiences. Students must pass the New York State Teacher Certification Examinations and the edTPA performance assessment. Also required are workshops in Child Abuse Identification; School Violence Intervention and Prevention; and the Dignity for All Students Act (DASA), offered at Teachers College.

REQUIREMENTS FOR THE EDUCATION STUDIES MINOR/SPECIAL CONCENTRATION

To complete the Minor (BC) or Special Concentration (CC/GS) in Education Studies, students must complete 21-24 points of course work, listed below.

The Education Studies track requires a minimum of six courses:

Requirement A - Educational Foundations

EDUC BC1510	EDUCATIONAL FOUNDATIONS	4
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Requirement B - Educational Electives

Select three of the following: One Educational Elective course must be an EDUC course.

EDUC BC3030	Critical Pedagogies
EDUC BC3032	INVESTIGATING THE PURPOSES AND AIMS OF EDUCATION POLICY
EDUC BC3034	Families, Communities, and Schools
EDUC BC3040	MIGRATION, GLOBALIZATION, AND EDUCATION
EDUC BC3042	GENDER, SEXUALITY, AND SCHOOL
EDUC BC3044	EDUCATION AND SOCIAL CHANGE IN COMPARATIVE GLOBAL CONTEXTS
EDUC BC3045	COMPLICATING CLASS: EDUCATION AND THE LIMITS OF EQUITY
EDUC BC3250	EDUCATION IN A POLARIZED AND UNEQUAL SOCIETY
URBS UN3310	RACE, SPACE, URB SCHOOLS
AMST UN3931	Topics in American Studies (Sec. 002: Race, Poverty, and American Criminal Justice or Sec. 003: Equity in Higher Education)
CSER UN3928	COLONIZATION/ DECOLONIZATION
ECON BC3012	THE ECONOMICS OF EDUCATION
PHIL UN2100	Philosophy of Education
PSYC BC2134	Educational Psychology

PSYC BC3363	PEDAGOGY HIGHER EDUC:PSYCH
PSYC BC3382	ADOLESCENT PSYCHOLOGY
SOCI UN3225	SOCIOLOGY OF EDUCATION
SOCI W3923	Adolescent Society
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING *

Requirement C - Pedagogical Elective

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II

Requirement D - Pedagogical Core

EDUC BC3051	SEMINAR URBAN EDUCATION	4
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Courses offered at Columbia

REQUIREMENTS FOR THE URBAN TEACHING SPECIALIZATION

Urban Studies majors who wish to pursue certification should apply to the Education Program by the spring of their freshman year. We encourage students to plan carefully if they wish to pursue this option.

Urban Studies majors who have selected Urban Teaching as their area of specialization within the major should complete the following:

Requirement A - Educational Foundations

EDUC BC1510	EDUCATIONAL FOUNDATIONS	4
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Requirement B - Psychology

Select one of the following:

PSYC BC1107	Psychology of Learning
PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC BC3382	ADOLESCENT PSYCHOLOGY
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *

Requirement C - Field Studies

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING *

Requirement D - Pedagogical Core

EDUC BC3025	INCLUSIVE APPROACHES TO TEACHING LITERACY: THEORY AND PRACTICE	4
EDUC BC3053	MULTICULTURAL ELEMENTARY PEDA	4
or EDUC BC3054	MULTICULTURAL SECONDARY PEDAG	

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Courses offered at Columbia

REQUIREMENTS FOR THE URBAN EDUCATION SPECIALIZATION

Urban Studies majors who have selected Urban Education as their area of specialization within the major should complete the following:

Requirement A - Educational Foundations

EDUC BC1510	EDUCATIONAL FOUNDATIONS	4
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Requirement B - Educational Electives

Select two of the following:

EDUC BC3030	Critical Pedagogies
EDUC BC3032	INVESTIGATING THE PURPOSES AND AIMS OF EDUCATION POLICY
EDUC BC3034	Families, Communities, and Schools
EDUC BC3040	MIGRATION, GLOBALIZATION, AND EDUCATION
EDUC BC3042	GENDER, SEXUALITY, AND SCHOOL
EDUC BC3044	EDUCATION AND SOCIAL CHANGE IN COMPARATIVE GLOBAL CONTEXTS
EDUC BC3045	COMPLICATING CLASS: EDUCATION AND THE LIMITS OF EQUITY
EDUC BC3250	EDUCATION IN A POLARIZED AND UNEQUAL SOCIETY
URBS UN3310	RACE. SPACE, URB SCHOOLS
PHIL UN2100	Philosophy of Education
SOCI UN3225	SOCIOLOGY OF EDUCATION
ECON BC3012	THE ECONOMICS OF EDUCATION

Requirement C - Field Studies

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II

SOCI UN3974 SOCI OF
SCHOOLS,TEACH,LEARNING
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Requirement D - Capstone

EDUC BC3051 SEMINAR URBAN
EDUCATION 4

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Courses offered at Columbia

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EDUC BC3030 *Critical Pedagogies* can count towards the Education Electives **or** the Pedagogical Elective requirement in Spring 2021 only.

FALL 2021 COURSES

EDUC BC1510 EDUCATIONAL FOUNDATIONS. 4.00 points.

Students are required to attend a discussion section.

Introduction to the psychological, philosophical, sociological, and historical foundations of education as way to understand what education is, how education has become what it is, and to envision what education should be

Fall 2022: EDUC BC1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 1510	001/00260	M W 2:40pm - 3:55pm LI001 Milstein Center	Rachel Throop	4.00	35/40
EDUC 1510	002/00263	T Th 10:10am - 11:25am LI001 Milstein Center	Natalia Ortiz	4.00	42/40

Spring 2023: EDUC BC1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 1510	001/00703	M W 2:40pm - 3:55pm LI001 Milstein Center	Drew Chambers	4.00	44/40
EDUC 1510	002/00704	T Th 10:10am - 11:25am LI001 Milstein Center	Natalia Ortiz	4.00	37/40

EDUC BC3032 INVESTIGATING THE PURPOSES AND AIMS OF EDUCATION POLICY. 4.00 points.

Prerequisites: The instructor's permission.

Prerequisites: the instructors permission. Course enrollment will be determined after the first class meeting. Open to all students; preference given to Urban Teaching, Education Studies, and Urban Studies students. This course explores a broad continuum of educational policies, with a critical eye toward the impact these policies have on promoting equity and justice. Because no one course can do everything, our focus will be on educational policy in the United States. However, a major research assignment will be for you to do a critical analysis of one of these policies in the context of another country

Fall 2022: EDUC BC3032

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3032	001/00377	Th 10:10am - 12:00pm 502 Diana Center	Erika Kitzmiller	4.00	28/35

EDUC BC3044 EDUCATION AND SOCIAL CHANGE IN COMPARATIVE GLOBAL CONTEXTS. 4.00 points.

This course will examine the relationship between education and social change in different regions of the world, with a focus on vulnerable populations (e.g., indigenous groups, street and working children, immigrants, women and girls; refugees)

Fall 2022: EDUC BC3044

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3044	001/00270	T 4:10pm - 6:00pm 119 Milstein Center	Thea Abu El-Haj	4.00	13/22

EDUC BC3050 SCIENCE IN THE CITY. 4.00 points.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. In partnership with the American Museum of Natural History students investigate science, science pedagogical methods, and ways to use New York City as a resource for science teaching and learning. Sessions will be held at Barnard and the museum. Field trips and fieldwork required. Non-science majors pre-service elementary students and first year students, welcome. Note: Students in the Childhood Urban Teaching Program may use this course as a pedagogical elective

Fall 2022: EDUC BC3050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3050	001/00336	F 10:10am - 12:00pm 222 Milbank Hall	Althea Hoard	4.00	14/20

EDUC BC3051 SEMINAR URBAN EDUCATION. 4.00 points.

This seminar serves as the capstone course for students pursuing the Education Studies minor/special concentration or the Urban Studies major/concentration with an Urban Education Specialization. The Seminar in Urban Education explores the historical, political and socio-cultural dynamics of urban education in the U.S. context. Over time, a range of social actors have intervened in the “problem” of urban education, attempting to reshape and reform urban schools. Others have disputed this “problem” focused approach, arguing that policy makers, teachers, and researchers should start from the strengths and capacities located in urban communities. Despite decades of wide ranging reform efforts, however, many urban schools still fail to provide their students with an adequate, equitable education. Seminar in Urban Education investigates this paradox by pursuing three central course questions: 1) How have various social actors tried to achieve equity in urban schools over time? 2) What are the range and variation of assets and challenges found in urban schools? and 3) Considering this history and context, what would effective reform in a global city like NYC look like? Students will

engage these questions not only through course readings and seminar discussions, but through a 40-hour field placement in a New York City public school classroom, extra-curricular program, or other education based site

Fall 2022: EDUC BC3051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3051	001/00310	T 2:10pm - 4:00pm L1001 Milstein Center	Natalia Ortiz	4.00	15/15

Spring 2023: EDUC BC3051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3051	001/00712	W 2:10pm - 4:00pm 119 Milstein Center	Rachel Throop	4.00	13/15

EDUC BC3053 MULTICULTURAL ELEMENTARY PEDAG. 4.00 points.

This seminar will engage prospective teachers in developing effective strategies for teaching at the elementary school level in ways that draw upon five specific domains of knowledge: knowledge of self, content, pedagogy, context and students. Students will be introduced to a variety of teaching approaches and develop ways to adapt them to teach various subjects to students in urban public school settings, understanding the intellectual, social and emotional needs of elementary school students. Students will learn to write lesson plans, develop assessments and practice teaching in “microteaching” sessions taught to peers. We will explore state standards, approaches to classroom management, and Universal Design for Learning as we develop approaches to create caring, democratic learning communities

Fall 2022: EDUC BC3053

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3053	001/00317	Th 8:10am - 11:00am 119 Milstein Center	Lisa Edstrom	4.00	8/8

EDUC BC3054 MULTICULTURAL SECONDARY PEDAG. 4.00 points.

What does it mean to be an excellent teacher? The Seminar in Secondary Multicultural Pedagogy will engage this question as you work to develop methods for teaching your subject(s) in ways that draw upon five specific domains of knowledge: knowledge of self, content, pedagogical methods, context, and students. You will be introduced to a variety of multicultural teaching approaches and develop ways to adapt them to your particular subject area and to the intellectual, social, and emotional needs of adolescent learners. Throughout the course, we will consider how to effectively differentiate instruction for and support ELL students and students with special needs. Seminar sessions will include discussions, presentations of lessons, group activities, and problem-solving issues teachers encounter in the classroom. We will explore culturally responsive approaches to: learning; learning standards; instruction and assessment; creating caring, democratic learning communities; selecting curriculum content, and engaging all students in learning. Assignments will ask you to reflect on the

teaching/learning process in general, and on the particulars of teaching your academic discipline. We will accomplish this through lesson planning, practice teaching two mini-lessons, observing your peers teaching and offering feedback, and exploring stances and strategies for multicultural pedagogy in your content area

Fall 2022: EDUC BC3054

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3054	001/00322	Th 8:10am - 11:00am 119 Milstein Center	Lisa Edstrom	4.00	4/8

EDUC BC3055 ARTS AND HUMANITIES IN THE CITY:CRITICAL. 4.00 points.

Using the theme of “Arts and Humanities in the City”, this seminar will build participants’ knowledge of critical literacy, digital storytelling methods, and ways to use New York City as a resource for teaching the Arts (Dance, Theatre, Music, and Visual Arts), Social Studies, and English Language Arts in grades K-12. Critical literacy is an approach to teaching and learning that focuses on developing students’ abilities to read, analyze, understand, question, and critique hidden perspectives and socially-constructed power relations embedded in what it means to be literate in a content area

Fall 2022: EDUC BC3055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3055	001/00267	T 10:10am - 12:00pm 111 Milstein Center	Maria Rivera Maulucci	4.00	20/20

Spring 2023: EDUC BC3055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3055	001/00783	T 2:10pm - 4:00pm L1018 Milstein Center	Maria Rivera Maulucci	4.00	15/20

EDUC BC3064 SEM: ISSUES URBAN TEACHING. 4.00 points.

Corequisites: EDUC BC3063 or EDUC BC3065. Enrollment limited to student teachers enrolled in the Education Program. Designed to help student teachers develop as reflective practitioners who can think critically about issues facing urban schools, particularly how race, class and gender influence schooling; and to examine the challenges and possibilities for providing intellectually engaging, meaningful curriculum to all students in urban classrooms

Fall 2022: EDUC BC3064

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3064	001/00376	T 4:10pm - 6:00pm 404 Barnard Hall	Maria Rivera Maulucci, Lisa Edstrom	4.00	5/12

EDUC BC3150 SCIENCE IN THE CITY FIELDWORK LAB. 0.00 points.**Fall 2022: EDUC BC3150**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3150	001/00338	M 2:00pm - 6:00pm Room TBA	Althea Hoard	0.00	9/20
EDUC 3150	002/00340	W 2:00pm - 6:00pm Room TBA	Althea Hoard	0.00	2/20

EDUC BC3155 ARTS/HUMANITIES IN CITY FIELDWORK LAB. 0.00 points.**Fall 2022: EDUC BC3155**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3155	001/00268	W 2:00pm - 5:30pm Room TBA	Maria Rivera Maulucci	0.00	8/20
EDUC 3155	002/00269	F 9:00am - 12:00pm 302 Milbank Hall	Maria Rivera Maulucci	0.00	12/20

Spring 2023: EDUC BC3155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3155	001/00784	Th 2:30pm - 6:00pm Room TBA	Maria Rivera Maulucci	0.00	9/12
EDUC 3155	002/00785	F 8:30am - 12:00pm Room TBA	Maria Rivera Maulucci	0.00	6/10

SPRING 2022**EDUC BC1510 EDUCATIONAL FOUNDATIONS. 4.00 points.**

Students are required to attend a discussion section.

Introduction to the psychological, philosophical, sociological, and historical foundations of education as way to understand what education is, how education has become what it is, and to envision what education should be

Fall 2022: EDUC BC1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 1510	001/00260	M W 2:40pm - 3:55pm LI001 Milstein Center	Rachel Throop	4.00	35/40
EDUC 1510	002/00263	T Th 10:10am - 11:25am LI001 Milstein Center	Natalia Ortiz	4.00	42/40

Spring 2023: EDUC BC1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 1510	001/00703	M W 2:40pm - 3:55pm LI001 Milstein Center	Drew Chambers	4.00	44/40
EDUC 1510	002/00704	T Th 10:10am - 11:25am LI001 Milstein Center	Natalia Ortiz	4.00	37/40

EDUC BC3025 INCLUSIVE APPROACHES TO TEACHING LITERACY: THEORY AND PRACTICE. 4.00 points.

This seminar engages students in an exploration of how schools prepare students to be literate across multiple subject areas. Engaging students with theory and practice, we will look at how students learn to read and write, considering approaches for literacy instruction from early childhood through adolescence. Understanding that schools are required to meet the needs of diverse learners, we will explore literacy instruction for K-12 students with special needs, multilingual learners, and students from diverse cultural backgrounds

Spring 2023: EDUC BC3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3025	001/00678	Th 8:10am - 11:00am 113 Milstein Center	Lisa Edstrom	4.00	7/12

EDUC BC3030 Critical Pedagogies. 4.00 points.

This course explores education as a process through which critical consciousness and epistemic justice combat oppression in communities. Students will connect seminal work by critical pedagogues, such as Paulo Freire and bell hooks, to systemic educational challenges and lived experience. As a class, we will investigate power dynamics and structural inequalities at the systemic, institutional, interpersonal and individual levels. Students will problem-pose, dialogue and create pedagogical tools through praxis, by integrating the theory learned in the class to educational practice

Spring 2023: EDUC BC3030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3030	001/00679	T 2:10pm - 4:00pm LI001 Milstein Center	Natalia Ortiz	4.00	15/16

EDUC BC3040 MIGRATION, GLOBALIZATION, AND EDUCATION. 4.00 points.

Globalization and mass migration are reconfiguring the modern world and reshaping the contours of nation-states. New technologies that facilitate the movement of information, goods and people across borders have made it easier for people to remain culturally, politically, economically and socially connected to the places from which they migrated. This seminar focuses on the experiences of the youngest members of these global migration patterns—children and youth—and asks: What do these global flows mean for educating young people to be members of the multiple communities to which they belong? This seminar will explore the following questions: What is globalization and why is it leading to new patterns of migration? How do children and youth experience ruptures and continuities across contexts of migration? How do language policies affect young people's capacity to be educated in a new land? What does it mean to forge a sense of belonging and citizenship in a "globalized" world, and how does this challenge our models of national citizenship? How are the processes by which young people are incorporated into their new country entwined with structures of race, class, and gender? Drawing

on fiction, autobiography, and anthropological and sociological research this class will explore these questions from a variety of disciplinary perspectives

Spring 2023: EDUC BC3040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3040	001/00709	M 10:10am - 12:00pm LI001 Milstein Center	Chandler Miranda	4.00	18/20

EDUC BC3042 GENDER, SEXUALITY, AND SCHOOL. 4.00 points.

Broadly, this course explores the relationship between gender, sexuality, and schooling across national contexts. We begin by considering theoretical perspectives, exploring the ways in which gender and sexuality have been studied and understood in the interdisciplinary field of education. Next, we consider the ways in which the subjective experience of gender and sexuality in schools is often overlooked or inadequately theorized. Exploring the ways that race, class, citizenship, religion and other categories of identity intersect with gender and sexuality, we give primacy to the contention that subjectivity is historically complex, and does not adhere to the analytically distinct identity categories we might try to impose on it

Fall 2022: EDUC BC3042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3042	001/00266	M 4:10pm - 6:00pm LI001 Milstein Center	Ileana Jimenez	4.00	18/17

EDUC BC3051 SEMINAR URBAN EDUCATION. 4.00 points.

This seminar serves as the capstone course for students pursuing the Education Studies minor/special concentration or the Urban Studies major/concentration with an Urban Education Specialization. The Seminar in Urban Education explores the historical, political and socio-cultural dynamics of urban education in the U.S. context. Over time, a range of social actors have intervened in the “problem” of urban education, attempting to reshape and reform urban schools. Others have disputed this “problem” focused approach, arguing that policy makers, teachers, and researchers should start from the strengths and capacities located in urban communities. Despite decades of wide ranging reform efforts, however, many urban schools still fail to provide their students with an adequate, equitable education. Seminar in Urban Education investigates this paradox by pursuing three central course questions: 1) How have various social actors tried to achieve equity in urban schools over time? 2) What are the range and variation of assets and challenges found in urban schools? and 3) Considering this history and context, what would effective reform in a global city like NYC look like? Students will engage these questions not only through course readings and seminar discussions, but through a 40-hour field placement in a New York City public school classroom, extra-curricular program, or other education based site

Fall 2022: EDUC BC3051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3051	001/00310	T 2:10pm - 4:00pm LI001 Milstein Center	Natalia Ortiz	4.00	15/15

Spring 2023: EDUC BC3051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3051	001/00712	W 2:10pm - 4:00pm 119 Milstein Center	Rachel Throop	4.00	13/15

EDUC BC3052 MATH # THE CITY. 4.00 points.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. In partnership with NYC public school teachers, students will have opportunities to engage in mathematical learning, lesson study, curriculum development, and implementation, with a focus on using the City as a resource. Students will explore implications for working with diverse populations. Non-math majors, pre-service elementary students and first-year students welcome. Fieldwork and field trips required. Note: Students in the Childhood Urban Teaching Program may use this course as a pedagogical elective

Spring 2023: EDUC BC3052

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3052	001/00683	T 10:10am - 12:00pm 306 Milbank Hall	Maria Rivera Maulucci	4.00	15/20

EDUC BC3058 SCIENCE IN THE CITY II. 4.00 points.

Prerequisites: the instructors permission. Open to Non-science majors, pre-service elementary students, and first-year students. Students investigate the science of learning, the Next Generation Science Standards, scientific inquiry and engineering design practices, and strategies to include families in fostering student achievement and persistence in science. Fieldwork required. Note: Students in the Childhood Urban Teaching Program may use this course as a pedagogical elective

EDUC BC3061 ASSESSMENT OF TEACHING. 3.00 points.

Open to Urban Teaching students in the Education Program.

EDUC BC3063 STUDENT TEACHING/URBAN SCHOOLS. 6.00 points.

Prerequisites: completion of EDUC BC2052 or EDUC BC2062 and EDUC BC2055, with grades of B or better. NYCDOE Fingerprinting. Corequisites: EDUC BC3064. Enrollment limited. Supervised student teaching in elementary schools includes creating lesson plans, involving students in active learning, using cooperative methods, developmentally appropriate assessment, and meeting the needs of diverse learners in urban schools. Teaching skills developed through weekly individual and/or group supervision meetings (to be scheduled at the beginning of the semester), conferences, and portfolio design. Requires 100 hours of teaching at two different grade levels, full-time for one semester. Note:

Students are only permitted to leave their student teaching placements early twice a week, once for EDUC BC3064 and one other day for one additional course having a start time of 2 pm or later. Students are only permitted to take one additional course while enrolled in EDUC BC3063 and EDUC BC3064

Spring 2023: EDUC BC3063

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3063	001/00684	T 4:10pm - 6:00pm LI001 Milstein Center	Lisa Edstrom	6.00	3/5

EDUC BC3065 SECONDARY STUDENT TEACHING URBAN SCHOOLS. 6.00 points.

Prerequisites: Completion of EDUC BC2052 or EDUC BC2062 and EDUC BC2055, with grades of B or better. NYCDOE Fingerprinting required. Corequisites: EDUC BC3064.

Enrollment limited. Supervised student teaching in secondary schools includes creating lesson plans, involving students in active learning, using cooperative methods, developmentally appropriate assessment, and meeting the needs of diverse learners in urban schools. Teaching skills developed through weekly individual and/or group supervision meetings (to be scheduled at the beginning of the semester), conferences, and portfolio design. Requires 100 hours of teaching at two different grade levels, full-time for one semester. Note:

Students are only permitted to leave their student teaching placements early twice a week, once for EDUC BC3064 and one other day for one additional course having a start time of 2 pm or later. Students are only permitted to take one additional course while enrolled in EDUC BC3064 and EDUC BC3065

Spring 2023: EDUC BC3065

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3065	001/00685	T 4:10pm - 6:00pm LI001 Milstein Center	Lisa Edstrom	6.00	3/5

EDUC BC3089 Senior Research Seminar: Inquiry. 4.00 points.

This is the second semester of a year-long senior capstone experience for Educational Studies majors. Over the course of the year, you will design and carry-out an inquiry project, and you will report on this project through an appropriate medium, for a specific purpose and audience

Spring 2023: EDUC BC3089

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3089	001/00711	Th 12:10pm - 2:00pm LI001 Milstein Center	Erika Kitzmiller	4.00	11/16

URBS UN3310 RACE, SPACE, URBAN SCHOOLS. 3.00 points.

Many people don't think of themselves as having attended segregated schools. And yet, most of us went to schools attended primarily by people who looked very much like us. In fact, schools have become more segregated over the past 30 years, even as the country becomes increasingly multiracial. In

this class, we will use public schools as an example to examine the role race plays in shaping urban spaces and institutions. We will begin by unpacking the concept of racialization, or the process by which a person, place, phenomenon, or characteristic becomes associated with a certain race. Then, we will explore the following questions: What are the connections between city schools and their local contexts? What does it mean to be a "neighborhood school"? How do changes in neighborhoods change schools? We will use ethnographies, narrative non-fiction, and educational research to explore these questions from a variety of perspectives. You will apply what you have learned to your own experiences and to current debates over urban policies and public schools. This course will extend your understanding of key anthropological and sociological perspectives on urban inequality in the United States, as well as introduce you to critical theory

Fall 2022: URBS UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3310	002/00311	W 10:10am - 12:00pm 203 Diana Center	Chandler Miranda	3.00	32/33

Spring 2023: URBS UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3310	001/00694	Th 4:10pm - 6:00pm 207 Milbank Hall	Fawziah Qadir	3.00	43/40

EDUC BC3250 EDUCATION IN A POLARIZED AND UNEQUAL SOCIETY. 4.00 points.

The rise in political polarization and social inequality over the past few decades has challenged the ideals that public schools were founded on nearly two centuries ago. In the past few years, we have witnessed a surge in homophobic, racist, misogynist, and xenophobic rhetoric in our society and our schools. At the same time, teachers in classrooms across this country have been engaged in the difficult work of challenging oppression and injustice in their schools, communities, and nation. These teachers know that the future of our democracy is at stake. Using a historical and sociological framework, this course examines the past and present conditions that have led to political polarization, escalating inequality, and persistent injustice. It seeks to examine the lineage of racism, sexism, nativism, and imperialism on our nation and its schools and to consider the extent to which these challenges are uniquely American or part of a more global phenomenon. It offers an introduction to the deep current of American social, political, and economic culture that many argue has produced the challenges that our nation faces today: personal and political gain marred by intolerance, derived from wealth, and rooted in the history of segregation, sexism, and exploitation. Instead of seeing these challenges as separate entities, the course acknowledges the intersectional nature of power and politics. Students will consider how these conditions affect their roles as educators and the lives of the youth and families in their schools and communities. They will leave the course with a deeper appreciation and understanding of the historical and

sociological antecedents that have contributed to polarization, inequity, and injustice around the globe

CROSS-LISTED COURSES

ECON BC3012 THE ECONOMICS OF EDUCATION. 3.00 points.

Prerequisites: ECON BC3035 and ECON BC2411 or permission of the instructor. Analyzes education policies and education markets from an economic perspective. Examines challenges that arise when researchers attempt to identify the causal effects of inputs. Other topics: (1) education as an investment, (2) public school finance, (3) teacher labor markets, (4) testing/accountability programs, (5) school choice programs, and (6) urban public school reforms

Fall 2022: ECON BC3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3012	001/00385	M W 1:10pm - 2:25pm L1103 Diana Center	Randall Reback	3.00	49/60

PHIL UN2100 Philosophy of Education. 3 points.

Drawing on classical and contemporary sources, this course will introduce students to a variety of texts that address the philosophical consideration of education, including its role in the development of the individual and the development of a democratic society. Readings from Plato, Rousseau, Dewey, and others.

PSYC BC2134 Educational Psychology. 3 points.

Prerequisites: BC1001 or permission of the instructor. Through a participative classroom model, the major theories of child and adolescent development and learning fundamental to the educative process are examined. Analysis of applications and implications of psychological knowledge for classroom teaching through observations and research in elementary and secondary school classes. Examines models of instruction and assessment; motivation, teaching, and learning strategies; and gender, economic, and racial issues.

PSYC BC3382 ADOLESCENT PSYCHOLOGY. 4.00 points.

Prerequisites: BC1001 and BC1129 Developmental Psychology or permission of the instructor. Enrollment limited to 20 senior majors. Barnard students receive priority. Examines adolescent development in theory and reality. Focuses on individual physiological, sexual, cognitive, and affective development and adolescent experiences in their social context of family, peers, school, and community. Critical perspectives of gender, race and ethnicity, sexuality, and teen culture explored

Spring 2023: PSYC BC3382

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3382	001/00606	T 2:10pm - 4:00pm 227 Milbank Hall	Susan Sacks	4.00	14/16

URBS UN3310 RACE. SPACE, URB SCHOOLS. 3.00 points.

Many people don't think of themselves as having attended segregated schools. And yet, most of us went to schools attended primarily by people who looked very much like us. In fact, schools have become more segregated over the past 30 years, even as the country becomes increasingly multiracial. In this class, we will use public schools as an example to examine the role race plays in shaping urban spaces and institutions. We will begin by unpacking the concept of racialization, or the process by which a person, place, phenomenon, or characteristic becomes associated with a certain race. Then, we will explore the following questions: What are the connections between city schools and their local contexts? What does it mean to be a "neighborhood school"? How do changes in neighborhoods change schools? We will use ethnographies, narrative non-fiction, and educational research to explore these questions from a variety of perspectives. You will apply what you have learned to your own experiences and to current debates over urban policies and public schools. This course will extend your understanding of key anthropological and sociological perspectives on urban inequality in the United States, as well as introduce you to critical theory

Fall 2022: URBS UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3310	002/00311	W 10:10am - 12:00pm 203 Diana Center	Chandler Miranda	3.00	32/33

Spring 2023: URBS UN3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3310	001/00694	Th 4:10pm - 6:00pm 207 Milbank Hall	Fawziah Qadir	3.00	43/40

ENGLISH AND COMPARATIVE LITERATURE

Departmental Office: 602 Philosophy; 212-854-3215
<http://www.english.columbia.edu>

Director of Undergraduate Studies: Prof. Molly Murray, 406 Philosophy; 212-854-4016; mpm7@columbia.edu

Departmental Adviser:

Prof. Molly Murray, 406 Philosophy; mpm7@columbia.edu

The program in English fosters the ability to read critically and imaginatively, to appreciate the power of language to shape thought and represent the world, and to be sensitive to the ways in which literature is created and achieves its effects. It has several points of departure, grounding the teaching of critical reading in focused attention to the most significant works of English literature, in the study of the historical and social conditions surrounding literary production and reception, and in

theoretical reflection on the process of writing and reading and the nature of the literary work./p>

The courses the department offers draw on a broad range of methodologies and theoretical approaches, from the formalist to the political to the psychoanalytical (to mention just a few). Ranging from the medieval period to the 21st century, the department teaches major authors alongside popular culture, traditional literary genres alongside verbal forms that cut across media, and canonical British literature alongside postcolonial, global, and trans-Atlantic literatures.

At once recognizing traditional values in the discipline and reflecting its changing shape, the major points to three organizing principles for the study of literature—history, genre, and geography. Requiring students not only to take a wide variety of courses but also to arrange their thinking about literature on these very different grids, the major gives them broad exposure to the study of the past, an understanding of the range of forms that can shape literary meaning, and an encounter with the various geographical landscapes against which literature in English has been produced.

ADVISING

Students are not assigned specific advisers, but rather each year the faculty members serving on the department's Committee on Undergraduate Education (CUE) are designated undergraduate advisers (see above). Upon declaring a major or concentration in English, students should meet with the director of undergraduate studies or a delegated faculty adviser to discuss the program, especially to ensure that students understand the requirements.

Students must fill out a Major Requirements Worksheet early in the semester preceding graduation. The worksheet must be reviewed by an adviser and submitted to 602 Philosophy before the registration period for the final semester. The worksheet is available in the English Department or on-line at <http://english.columbia.edu/undergraduate/major-requirements>. It is this worksheet—**not** the Degree Audit Report (DAR)—that determines eligibility for graduation as an English major or concentrator.

COURSE INFORMATION

Lectures

Generally, lectures are addressed to a broad audience and do not assume previous course work in the area, unless prerequisites are noted in the description. The size of some lectures is limited. Senior majors have preference unless otherwise noted, followed by junior majors, followed by senior and junior non-majors. Students are responsible for checking for any special registration procedures on-line at <http://english.columbia.edu/courses>.

Seminars

The department regards seminars as opportunities for students to do advanced undergraduate work in fields in which they have already had some related course experience. With the exception of some *CLEN* classes (in which, as comparative courses, much material is read in translation), students' admission to a seminar presupposes their having taken ENGL UN3001 LITERARY TEXTS # CRIT METHODS. During the three weeks preceding the registration period, students should check <http://english.columbia.edu/courses> for application instructions for individual seminars. Applications to seminars are usually due by the end of the week preceding registration. Students should always assume that the instructor's permission is necessary; those who register without having secured the instructor's permission are not guaranteed admission.

DEPARTMENTAL HONORS

Writing a senior essay is a precondition, though not a guarantee, for the possible granting of departmental honors. After essays are submitted, faculty sponsors deliver a written report on the essay to the department's Committee on Undergraduate Education (CUE), with a grade for the independent study and, if merited, a recommendation for honors. CUE considers all the essays, including sponsor recommendations, reviews students' fall semester grades, and determines which students are to receive departmental honors. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

THE DEGREE AUDIT REPORTING SYSTEM (DARS)

The DAR is a useful tool for students to monitor their progress toward degree requirements, but it is not an official document for the major or concentration, nor should it replace consultation with departmental advisers. The department's director of undergraduate studies is the final authority on whether requirements for the major have been met. Furthermore, the DAR may be inaccurate or incomplete for any number of reasons—for example, courses taken elsewhere and approved for credit do not show up on the DAR report as fulfilling a specific requirement.

ONLINE INFORMATION

Other departmental information—faculty office hours, registration instructions, late changes, etc.—is available on the [departmental website](#).

PROFESSORS

James Eli Adams
Rachel Adams
Branka Arsic
Christopher Baswell (Barnard)
Sarah Cole
Julie Crawford
Nicholas Dames

Jenny Davidson
 Andrew Delbanco
 Kathy Eden
 Brent Edwards
 Stathis Gourgouris
 Farah Jasmine Griffin
 Jack Halberstam
 Saidiya Hartman
 Marianne Hirsch
 Jean E. Howard
 Sharon Marcus
 Edward Mendelson
 Frances Negrón-Muntaner
 Robert O'Meally
 Julie Peters
 Ross Posnock
 Austin E. Quigley
 Bruce Robbins
 James Shapiro
 Gayatri Chakravorty Spivak (University Professor)
 Alan Stewart
 Colm Toibin
 Gauri Viswanathan
 William Worthen (Barnard)
 David M. Yerkes

ASSOCIATE PROFESSORS

Denise Cruz
 Patricia Dailey
 T. Austin Graham
 Erik Gray
 Matt Hart
 Eleanor Johnson
 Molly Murray
 Joseph Slaughter
 Dennis Tenen
 Jennifer Wenzel

ASSISTANT PROFESSORS

Joseph Alvarez
 Lauren Robertson
 Dustin Stewart
 Hannah Weaver

LECTURERS

Paul Grimstad
 Sue Mendelsohn
 Aaron Ritzenberg
 Maura Spiegel
 Nicole B. Wallack

GUIDELINES FOR ALL ENGLISH AND COMPARATIVE LITERATURE MAJORS AND CONCENTRATORS

Declaring a Major in English

Upon declaring a major in English, students should meet with either the director of undergraduate studies or a departmental adviser to discuss the program. Students declaring a major should obtain a Major Requirements Worksheet from 602 Philosophy or on-line, which outlines the requirements.

Additional information, including events and deadlines of particular relevance to undergraduates, is provided at <http://english.columbia.edu/undergraduate>, the department's undergraduate homepage. The sidebar on this page provides links to pages with details about undergraduate advising, major and concentration requirements, course options and restrictions, registration procedures, the senior essay, and writing prizes, as well as links to downloadable worksheets for the major and concentration and to course distribution requirement lists, past and present. For detailed information about registration procedures, students should consult <http://english.columbia.edu/courses>, which explains the requirements and enables students to monitor their own progress.

Newly declared majors should contact the undergraduate assistant in 602 Philosophy Hall and request that their names be added to the department's electronic mailing list for English majors and concentrators. Because important information now routinely is disseminated through e-mail, it is crucial that students be on this list.

Literary Texts, Critical Methods

The introductory course ENGL UN3001 LITERARY TEXTS # CRIT METHODS, together with its companion seminar, ENGL UN3011 LITERARY TEXTS#CRIT MTHDS(SEM), is required for the English major and concentration. It should be taken by the end of the sophomore year. Fulfillment of this requirement is a factor in admission to seminars and to some lectures. This once-a-week faculty lecture, accompanied by a seminar led by an advanced graduate student in the department, is intended to introduce students to the study of literature. Students read works from the three major literary modes (lyric, drama, and narrative), drawn from premodern to contemporary literature, and learn interpretative techniques required by these various modes or genres. This course does not fulfill any distribution requirements.

Senior Essay

The senior essay program is an opportunity for students to explore in depth some literary topic of special interest to them, involving extensive background reading and resulting in an essay (8,000–15,000 words) that constitutes a substantial and original critical or scholarly argument. Students submit proposals in September of their senior year, with acceptance contingent upon the quality of the proposal and the student's

record in the major. Students who are accepted are assigned a faculty sponsor to supervise the project, from its development during the fall semester to its completion in the spring. It is for the spring semester, not the fall, that students officially register for the course, designated as ENGL UN3999 THE SENIOR ESSAY. Senior essays are due in early April.

Course Options and Restrictions

1. No course at the 1000-level may be counted toward the major.
2. Speech courses may not be counted toward the major.
3. Two writing courses or two upper-level literature courses taught in a foreign language, or one of each, may count toward the major, though neither type of course fulfills any distribution requirement. Writing courses that may be applied toward the major include those offered through Columbia's undergraduate Creative Writing Program and through Barnard College.
4. Comparative literature courses sponsored by the department (designated as **CLEN**) may count toward the major. **Those sponsored by other departments** (e.g. *CLFR* - Comp Lit French, *CPLS* - Comp Lit and Society) **are not counted toward the major without permission of the director of undergraduate studies**. Literature courses taught in English in language departments do not count toward the major.
5. No more than two courses taken during the summer session may be counted toward the major.
6. Courses offered through the Barnard English Department may count toward the major or concentration. Before taking Barnard courses, students should verify with the director of undergraduate studies whether and how such courses may count toward the major.
7. For courses taken abroad or at other American institutions to count toward the major, students must obtain approval of the director of undergraduate studies.
8. To register for more than 42 points (including advanced standing credit) in English and comparative literature, a student majoring in English must obtain permission of the director of undergraduate studies.
9. No more than five courses taken elsewhere may be applied to the major, four to the concentration.
10. One independent study (for at least 3 points) may count toward the major but cannot satisfy any distribution requirements; likewise, the *Senior Essay* may count toward the major but fulfills no requirements. Students **may not count both** an *Independent Study* and the *Senior Essay* toward the major.

11. Courses assigned a grade of D may not be counted toward the major.
12. Only the first course taken to count toward the major can be taken Pass/D/Fail.

MAJOR IN ENGLISH

Please read *Guidelines for all English and Comparative Literature Majors and Concentrators* above.

Ten departmental courses (for a minimum of 30 points) and, in the process, fulfillment of the following requirements. See course information above for details on fulfilling the distribution requirements.

1. ENGL UN3001 LITERARY TEXTS # CRIT METHODS and ENGL UN3011 LITERARY TEXTS#CRIT MTHDS(SEM)
2. **Period distribution:** Three courses primarily dealing with periods before 1800, only one of which may be a course in Shakespeare
3. **Genre distribution:** One course in each of the following three generic categories:
 - Poetry
 - Prose fiction/narrative
 - Drama/film/new media
4. **Geography distribution:** One course in each of the following three geographical categories:
 - British
 - American
 - Comparative/global (comparative literature, postcolonial, global English, trans-Atlantic, diaspora)

Course Distribution Lists are available in the department and on-line at <http://english.columbia.edu/course-distribution-lists> to help students determine which courses fulfill which requirements. **A single course can satisfy more than one distribution requirement.** For example, a Shakespeare lecture satisfies three requirements at once: not only does it count as one of the three required pre-1800 courses it also, at the same time, fulfills both a genre and a geography distribution requirement (drama and British, respectively). Courses not on the distribution list may count toward the major requirements **only** with the permission of the director of undergraduate studies. Two writing courses or upper-level literature courses taught in a foreign language, or one of each, may count toward the ten required courses.

CONCENTRATION IN ENGLISH

Please read *Guidelines for all English and Comparative Literature Majors and Concentrators* above.

Eight departmental courses and, in the process, fulfillment of the following requirements. See course information above for details on fulfilling the distribution requirements.

1. ENGL UN3001 LITERARY TEXTS # CRIT METHODS and ENGL UN3011 LITERARY TEXTS#CRIT MTHDS(SEM)
2. **Period distribution:** Two courses dealing with periods before 1800, only one of which may be a course in Shakespeare
3. **Genre distribution:** Two courses, each chosen from a different genre category (see above)
4. **Geography distribution:** Two courses, each chosen from a different geography category (see above)

See the Course Distribution Lists, available in the department or on-line at <http://english.columbia.edu/course-distribution-lists>, to determine which courses fulfill which requirements. All of the restrictions outlined for the English major also apply for the concentration in English.

COMPARATIVE LITERATURE PROGRAM

Students who wish to major in comparative literature should consult the *Comparative Literature and Society* section of this Bulletin.

FALL 2022

INTRODUCTION TO THE MAJOR ENGL UN3001 LITERARY TEXTS # CRIT METHODS. 4.00 points.

Prerequisites: Students who register for ENGL UN3001 must also register for one of the sections of ENGL UN3011 Literary Texts, Critical Methods.

Prerequisites: Students who register for ENGL UN3001 must also register for one of the sections of ENGL UN3011 Literary Texts, Critical Methods. This course is intended to introduce students to the advanced study of literature. Students will read works from different genres (poetry, drama, and prose fiction), drawn from the medieval period to the present day, learning the different interpretative techniques required by each. The course also introduces students to a variety of critical schools and approaches, with the aim both of familiarizing them with these methodologies in the work of other critics and of encouraging them to make use of different methods in their own critical writing. This course (together with the companion seminar ENGL UN3011) is a requirement for the English Major and Concentration. It should be taken as early as possible in a student's career. Fulfillment of this requirement will be a factor in admission to seminars and to some lectures

Fall 2022: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/12953	F 10:10am - 11:25am	Erik Gray	4.00	75/75

313 Fayerweather

Spring 2023: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/13142	W 2:10pm - 3:25pm 402 Chandler	Frances Negrón-Muntaner	4.00	70/75

ENGL UN3011 LITERARY TEXTS#CRIT MTHDS(SEM). 0.00 points.

Prerequisites: Students who register for ENGL UN3011 must also register for ENGL UN3001 Literary Texts, Critical Methods lecture.

Prerequisites: Students who register for ENGL UN3011 must also register for ENGL UN3001 Literary Texts, Critical Methods lecture. This seminar, led by an advanced graduate student in the English doctoral program, accompanies the faculty lecture ENGL UN3001. The seminar both elaborates upon the topics taken up in the lecture and introduces other theories and methodologies. It also focuses on training students to integrate the terms, techniques, and critical approaches covered in both parts of the course into their own critical writing, building up from brief close readings to longer research papers

Fall 2022: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/14863	M 12:10pm - 2:00pm 511 Kent Hall	Geoffrey Lokke	0.00	13/15
ENGL 3011	002/14865	M 12:10pm - 2:00pm 302 Fayerweather	Kaagni Harekal	0.00	15/15
ENGL 3011	003/14866	M 12:10pm - 2:00pm 607 Hamilton Hall	Tyler Grand Pre	0.00	16/15
ENGL 3011	004/14868	M 6:10pm - 8:00pm 652 Schermerhorn Hall	Johannah King-Slutsky	0.00	15/15
ENGL 3011	005/14870	M 6:10pm - 8:00pm 502 Northwest Corner	Mieko Anders	0.00	15/15

Spring 2023: ENGL UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/13237	M 4:10pm - 6:00pm 405 Kent Hall	Sophia Pedatella	0.00	18/15
ENGL 3011	002/13239	M 2:10pm - 4:00pm 568 Alfred Lerner Hall	Alice Clapie	0.00	19/15
ENGL 3011	003/13243	M 12:10pm - 2:00pm 607 Hamilton Hall	Yea Jung Park	0.00	15/15
ENGL 3011	004/13748	M 10:10am - 12:00pm 607 Hamilton Hall	Anirbaan Banerjee	0.00	6/15
ENGL 3011	005/14542	M 10:10am - 12:00pm 507 Philosophy Hall	Ruilin Fan	0.00	12/15

MEDIEVAL

ENGL UN3943 ENGLISH TRANSLATIONS OF THE BIBLE. 4.00 points.

English translations of the Bible from Tyndale to the present

Fall 2022: ENGL UN3943

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3943	001/10238	T 2:10pm - 4:00pm 337 Seeley W. Mudd Building	David Yerkes	4.00	17/18

ENGL UN3564 It's All Rotten: A Seminar on Pleasure. 4.00 points.

This seminar is inspired by a passage from Clarice Lispector's last novel, *Breath of Life*: "It's all rotten. I feel it in the air and in the people frightened and starving huddled in a crowd. But I believe that in the depths of rottenness there exists—green sparkling redeeming and promised-land—in the depths of the dark rottenness there shines clear and captivating the Great Emerald. The Great Pleasure. But why this desire and hunger for pleasure? Because pleasure is the height of the truthfulness of a being. It's the only struggle against death." The plan is to study the nature of pleasure and its representations across a series of ancient, medieval, and modern texts, keeping an eye on this insight, namely, that our belief in pleasure is found, not unlike the beauty of a still life whose objects have long decayed, in the midst of our sense of the rottenness of things, their decomposing, fermenting, and sometimes disgusting ephemeral nature. Filling our conceptual picnic basket with some ancient theories of pleasure, we will wander among medieval and Renaissance gardens in order to arrive upon the Romantic and decadent shores of modernity with a fresh sense of pleasure's truth and taste for its question

Fall 2022: ENGL UN3564

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3564	001/18304	W 4:10pm - 6:00pm 201a Philosophy Hall	Nicola Mascandiaro	4.00	16/18

ENGL GU4091 INTRODUCTION TO OLD ENGLISH # LITERATURE. 4.00 points.

(Lecture). This class is an introduction to the language and literature of England from around the 8th to the 11th centuries. Because this is predominantly a language class, we will spend much of our class time studying grammar as we learn to translate literary and non-literary texts. While this course provides a general historical framework for the period as it introduces you to the culture of Anglo-Saxon England, it will also take a close look at how each literary work contextualizes (or recontextualizes) relationships between human and divine, body and soul, individual and group, animal and human. We will be using Mitchell and Robinson's *An Introduction to Old English*, along with other supplements. We will be looking at recent scholarly work in the field and looking at different ways (theoretical, and other) of reading these medieval texts.

Requirements: Students will be expected to do assignments for each meeting. The course will involve a mid-term, a final exam,

and a final presentation on a Riddle which will also be turned in.

Fall 2022: ENGL GU4091

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4091	001/10100	M W 11:40am - 12:55pm 503 Hamilton Hall	Patricia Dailey	4.00	18/54

ENGL GU4239 TROILUS # CRISEYDE AND ITS NEIGHBORS. 3.00 points.

The central task of this lecture will be a slow and attentive reading of Chaucer's great romance *Troilus and Criseyde*, across the entire semester. Each week, in addition, we will read and discuss a wide range of related materials, to include: theoretical strategies (especially the post-Lacanian notion of the neighbor), iconography and manuscript setting, genre affiliations (romance, epic, historiography, philosophy), the broader Trojan narrative tradition, the medieval city, the medieval imagination of the antique past, earlier and later texts in dialogue with *Troilus* (Boethius, Ovid, Statius' *Thebaid*, Lydgate's *Troy Book* and Henryson's *Testament of Cresseid*, Spenser and Shakespeare), *Troilus* and Chaucer's own textual past and future. At the same time, the lecture will explore what recent theoretical statements about the neighbor and hospitality can bring to our reading of *Troilus*, both in terms of its place in a broad textual tradition, and in terms of its plot, urban setting, and thematics of intimacy. Readings will draw from Derrida, Kenneth Reinhard, Slavoj Žižek, and others. Toward this end, each student will select a "neighborly" text, from any period, to read with and against *Troilus*. While the course will be relevant to medievalists, it is consciously designed equally to serve (and it is hoped, to attract) students from very different periods. Non-medievalists will be encouraged to draw upon their expertises, both in period and theoretical methodology)

Fall 2022: ENGL GU4239

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4239	001/15967	M W 2:40pm - 3:55pm 407 Barnard Hall	Christopher Baswell	3.00	5/30

RENAISSANCE

ENGL UN3335 SHAKESPEARE I. 3.00 points.

Enrollment is limited to 60.

(Lecture). This course will cover the histories, comedies, tragedies, and poetry of Shakespeare's early career. We will examine the cultural and historical conditions that informed Shakespeare's drama and poetry; in the case of drama, we will also consider the formal constraints and opportunities of the early modern English commercial theater. We will attend to Shakespeare's biography while considering his work in relation to that of his contemporaries. Ultimately, we will aim to situate the production of Shakespeare's early career within the highly collaborative, competitive, and experimental theatrical and literary cultures of late sixteenth-century England

Fall 2022: ENGL UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3335	001/10099	M W 10:10am - 11:25am 503 Hamilton Hall	James Shapiro	3.00	46/54

ENGL UN3343 WOMEN IN RENAISSANCE DRAMA CULTRE. 4.00 points.

Concentrating on the drama of early modern England, this course will investigate a culture of surveillance regarding women's bodies in the period. We will give special focus to the fear of female infidelity, the theatrical fascination with the woman's pregnant body, and the cultural desire to confirm and expose women's chastity. We will read plays in which women are falsely accused of adultery, in various generic contexts (such as William Shakespeare's *Cymbeline* and *Much Ado About Nothing*), along with plays in which women actually commit infidelity (such as the anonymous *Arden of Faversham* and Thomas Middleton's *A Chaste Maid in Cheapside*). Focusing on a different play each week, we will ask: what does it take, ultimately, to believe women about their fidelity? At the same time, what is the effect of being doubted on women themselves? We will also give consideration to the particular resources of dramatic form, paying attention to moments in plays that coerce spectators themselves into mistaken judgments about women. We will supplement our reading of drama with pamphlets, advice literature, poems, church court cases, and ballads, in order to place these plays within a broader and more varied culture of female surveillance in early modern England. Finally, we will work to recover past strategies of liberation from this surveillance in the plays we read, in women's writing that warns against male betrayal, and in dramatic and historical instances of female cross-dressing

Fall 2022: ENGL UN3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3343	001/10101	M 12:10pm - 2:00pm 507 Philosophy Hall	Lauren Robertson	4.00	15/18

ENGL GU4933 SPENSER. 3.00 points.

This course centers on the writing of Edmund Spenser, early modern England's self-styled national poet. We will devote much of our attention to *The Faerie Queene*; a complex, strange, profound, and often funny poem that entwines romance and epic, it is Spenser's major poetic achievement. Characterized by turns as Elizabethan propaganda (Karl Marx called Spenser "Elizabeth's arse-kissing poet") and a studied critique of Tudor political mythology, *The Faerie Queene's* allegory is everywhere engaged with the challenges, dangers, and delights of reading itself. As part of our assessment of Spenser's poetry, we will confront his role as secretary to Lord Arthur Grey during England's brutal colonization of Ireland. Taking Spenser's poetic and political careers together, this course will uncover the deeply contradictory aims of writing in the early modern humanist tradition, which questioned traditional class hierarchies and imagined new ways of

fashioning the self at the same time that it helped to sanction England's burgeoning imperial ambitions

Fall 2022: ENGL GU4933

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4933	001/12557	M W 2:40pm - 3:55pm 503 Hamilton Hall	Lauren Robertson	3.00	16/54

18TH AND 19TH CENTURY**CLRS GU4011 DOSTOEVSKY, TOLSTOY # ENG NOVEL. 3.00 points.**

A close reading of works by Dostoevsky (*Netochka Nezvanova*; *The Idiot*; *A Gentle Creature*) and Tolstoy (*Childhood*, *Boyhood*, *Youth*; *Family Happiness*; *Anna Karenina*; *The Kreutzer Sonata*) in conjunction with related English novels (Bronte's *Jane Eyre*, Eliot's *Middlemarch*, Woolf's *Mrs. Dalloway*). No knowledge of Russian is required

Fall 2022: CLRS GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4011	001/10580	M W 10:10am - 11:25am 516 Hamilton Hall	Liza Knapp	3.00	34/50
CLRS 4011	AU1/16763	M W 10:10am - 11:25am 516 Hamilton Hall	Liza Knapp	3.00	2/2

ENGL UN3893 Rivers, Oceans, Seas: Water in Early and Pre-1865 American Literature. 4.00 points.

This course explores the trope, motif, theme, and concept of water antebellum American literature. From Columbus's "discovery" of the "New" world to the Puritans' transatlantic pursuit of religious and political freedom; from the Middle Passage which brought slaves to the Americas to erect what soon became the United States, to Lewis and Clarke's expansive exploration of the country on the Mississippi River—the liquid element plays a decisive role, historical as well as artistic, factual as well as fictional, in the way Americans represented themselves (and others) to themselves. In this class we will explore how and why, to what aesthetic or political end, early and pre-Civil War American literature employed different bodies of water—rivers and oceans—that eventually led to the modernist invention of the stream of consciousness as it was championed, in psychology and literature respectively, by the James brothers. We will investigate water's literal presence in the writings of Bradford, Equiano, and Thoreau; its deployment as a symbol and allegory in Whitman, Dunbar, Sansay and Stowe; or its articulation as a psychological notion in Brockden Brown; as a philosophical concept in Melville and Poe; and as a generic device in Emerson and Dickinson. Our central task will be to explore the effects that aquatic environments and marine ecosystems have on human bodies and minds. How do they enhance and in what way do they dissolve our "mainland" conceptions of personhood, identity, memory, and/or history? How does the difference between water and land, liquid and firm environs shape the way we comprehend the world and our place in it

Fall 2022: ENGL UN3893

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3893	001/18303	M 2:10pm - 4:00pm 317 Hamilton Hall	Vesna Kuiken	4.00	11/18

ENGL GU4402 ROMANTIC POETRY. 3.00 points.**Fall 2022: ENGL GU4402**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4402	001/10239	T Th 10:10am - 11:25am 141 Uris Hall	Erik Gray	3.00	45/60

ENGL GU4732 PLACES FOR POETRY. 4.00 points.

This seminar asks how poetry claims places. The poets come mostly from Britain or its former colonies. The poems range from the seventeenth century all the way to the present day, with the majority (around 60—65# of the schedule) drawn from the long eighteenth century. In that period, an age of increased urbanization inside Britain's borders and increased mobility around its expanding empire, the main distinction that organized cultural conversations about place was the divide between the town and the country. But poems about the virtues of rural life often spoke from a distressed urban perspective, and poems about the dynamism of the city frequently described it from the viewpoint of an outsider or newcomer. What the eighteenth century can teach us about the poetry of place, then, is that it might secretly be poetry of movement, poetry about how one seemingly stable location (or type of location) might pick up and go somewhere else. Building on this basic insight, we will wrestle with larger questions about how shareable the poetry of place can be. Does staying faithful to a single place—its grainy specificity, its deep history, its rich tradition—risk making a poem unintelligible elsewhere? To what extent does a place-based poem need to shed its local attachments and try to speak a more universal language? How can a poem communicate its rootedness with people who don't have roots in the same spot? When is a poem an extension of place, and when is it an escape from it? Instead of proceeding chronologically, our seminar will largely be arranged by settings that various English, Scottish, Irish, Caribbean, Indian, and American poets have sought to evoke. For the first ten weeks of the term, we will move from one type of place to another: from country houses to city streets, battlefields to bridges, churchyards to shipyards, walking paths to railway stations, outer islands to outer space. For the final few weeks, we will shift our arrangement and sample several major poets of place—one or two from the eighteenth century, one or two from the following centuries. Your final project for the class will imaginatively map the poetry of one of the places that you claim or that claims you

Fall 2022: ENGL GU4732

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4732	001/12556	T 2:10pm - 4:00pm 303 Hamilton Hall	Dustin Stewart	4.00	17/18

20TH AND 21ST CENTURY**ENGL UN3351 FAMILY FICTIONS: MEMOIR, FILM AND THE NOVEL. 4.00 points.**

This course will explore cinematic, novelistic and memoirist renderings of “family cultures,” family feeling, the family as narrative configuration, and home as a utopian/dystopian and oneiric space. Explorations of memory, imagination and childhood make-believe will interface with readings in psychoanalysis and in the social history of this polymorphous institution. A central goal of the course is to help each of you toward written work that is distinguished, vital and has urgency for you. Authors will include Gaston Bachelard, Alison Bechdel, Jessica Benjamin, Sarah M. Broom, Lucille Clifton, Vivian Gornick, Lorraine Hansberry, Maggie Nelson and D.W. Winnicott; and films by Sean Baker, Ingmar Bergman, Alfonso Cuarón, Greta Gerwig, Lance Hammer, Barry Jenkins, Elia Kazan, Lucretia Martel, Andrei Zvyagintsev and others

Fall 2022: ENGL UN3351

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3351	001/12544	W 12:10pm - 2:00pm 522c Kent Hall	Maura Spiegel	4.00	15/18

ENGL UN3567 August Wilson's America. 4.00 points.

From 1983 until his death in 2005, August Wilson wrote and produced the American Century Cycle: ten plays, each set in a different decade of the twentieth century, examining the past and present of Black life in America. Since 2005, and especially with the development of the Black Lives Matter movement, attention on conditions of American Black life—its challenges, joys, struggles, tragedies, triumphs, and journeys—has increased and deepened. We will read the entirety of Wilson's Cycle (plus the autobiographical coda) with the goals, first, of unpacking and understanding his characterizations and critique of Black life and America and, second, of examining how well those characterizations and critiques extend beyond Wilson's death into our own time

Fall 2022: ENGL UN3567

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3567	001/18306	T 12:10pm - 2:00pm 201 80 Claremont	Patrick Maley	4.00	13/18

ENGL UN3633 LIT # AMERICAN CITIZENSHIP. 4.00 points.

Prerequisites: Permission of instructor.

Prerequisites: Permission of instructor. (Seminar). Who is a citizen? How has the notion of citizenship changed in American history? Questions of American citizenship - who can claim it and what it entails -- have been fiercely contested since the founding of the United States. Scholars have articulated various ways of conceptualizing citizenship: as a formal legal status; as a collection of state-protected rights; as political activity; and as a form of identity and solidarity. In this seminar, we will explore the role that literature and literary criticism have played in both shaping and responding to the narratives and civic myths that determine what it means to be an American citizen

Fall 2022: ENGL UN3633

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3633	001/10241	M 12:10pm - 2:00pm 311 Fayerweather	Aaron Ritzenberg	4.00	12/18

ENGL UN3636 COLLECTIONS: CONTEMPORARY AMERICAN SHORT. 4.00 points.

In this course, we will examine short stories as a particularly American form. The short story has been notoriously difficult to define, but one key characteristic of the genre is its presumed compact form alongside its compelling expansiveness. Short stories constantly toggle back and forth between the compressed and the broad. In the United States, the genre of short story has a long history of articulating and imagining an individual or community's changing and fraught relationship to transnational, national, and local dynamics (represented, for example, nineteenth and early twentieth-century authors such as Edgar Allan Poe, Nathaniel Hawthorne, Mary Wilkins Freeman, Sui Sin Far, Washington Irving, Charles Chestnutt, Mark Twain, Sarah Orne Jewett, Tillie Olsen, José García Villa, and Carlos Bulosan). Today, this catalog of writers can be matched with another list of contemporary North American short story authors featured on our syllabus: Jhumpa Lahiri, Chimamanda Adichie, Daniel Alarcón, Mohsin Hamid, George Saunders, Ted Chiang, Mona Award, Lydia Davis, Vanessa Hua, R. Zamora Linmark, Otesha Moshfegh, and Leanne Simpson. Some of the writers on this list are veterans of the short story form. Others are authors who recently published debut collections. As we work through our reading list, we will attempt to analyze not only individual short stories, but also what marks these books as collections. What might hold these texts together? What disrupts the unifying principles of a collection? And most importantly, what do short stories offer—in terms of representations of American life and culture and its complexity—that other forms do not?

Fall 2022: ENGL UN3636

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3636	001/10242	T 12:10pm - 2:00pm 707 Hamilton Hall	Denise Cruz	4.00	18/18

ENGL UN3648 Comics, Health, and Embodiment. 4.00 points.

Deformed, grotesque, super/transhuman and otherwise extraordinary bodies have always been a central feature of comics. However, the past ten years have seen a surge of graphic narratives that deal directly with experiences of health and illness, and that are recognized as having significant literary value. This course will focus on graphic narratives about healthcare, illness, and disability with particular attention to questions of embodied identities such as gender, sexuality, race, and age. Primary texts will include the work of Alison Bechdel, Roz Chast, CeCe Bell, David Small, Allie Brosch, and Ellen Fourney. We will study the vocabulary, conventions, and formal properties of graphic literature, asking how images and text work together to create narrative. We will consider

whether graphic narrative might be especially well suited to representations of bodily difference; how illness/disability can disrupt conventional ideas about gender and sexuality; how experiences of the body as a source of pain, stigmatization, and shame intersect with the sexualized body; and how illness and disability queer conventional sexual arrangements, identities, and attachments. While studying the construction of character, narrative, framing, color, and relationship between visual and print material on the page, students will also produce their own graphic narratives

Fall 2022: ENGL UN3648

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3648	001/10243	W 2:10pm - 4:00pm 401 Hamilton Hall	Rachel Adams	4.00	16/18

ENGL UN3712 HENRY JAMES AND EDITH WHARTON. 4.00 points.

James & Wharton, America's two greatest novelists in the half century after the civil war and the eve of the first world war, were friends and fellow cosmopolitans, at home in the US & Europe, chroniclers of an emerging transatlantic urban modernity traversing New York, London, Paris, Rome, Geneva. Their fiction often portrays glamorous surfaces and intricate social texts that their brilliant heroines --Isabel Archer of *The Portrait of a Lady* & Lily Bart of *The House of Mirth*, for example--negotiate with wit and subtlety, confusion and daring, amidst fear and fascination. They find themselves immersed in bruising plots--crafted by society's disciplinary imperatives and by their creators, the latter standing in uneasy complicity with the social order even as they seek its transformation.

Giving female protagonists unprecedented boldness and ambition, Wharton & James chart how intense exertion of will and desire collides with "the customs of the country," to cite the title of a great Wharton novel. We will read the three novels mentioned above as well as Wharton's *Summer & Ethan Frome* and James's "Daisy Miller," *Washington Square* & *The Ambassadors*.

Fall 2022: ENGL UN3712

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3712	001/10244	Th 12:10pm - 2:00pm 613 Hamilton Hall	Ross Posnock	4.00	14/18

ENGL UN3805 The Political Novel. 4.00 points.

Is the political novel a genre? It depends on your understanding both of politics and of the novel. If politics means parties, elections, and governing, then few novels of high quality would qualify. If on the other hand "the personal is the political," as the slogan of the women's movement has it, then almost everything the novel deals with is politics, and few novels would not qualify. This seminar will try to navigate between these extremes, focusing on novels that center on the question of how society is and ought to be constituted. Since this question is often posed ambitiously in so-called "genre fiction" like thrillers and sci-fi, which is not always honored as "literature," it will include some examples of those genres

as well as uncontroversial works of the highest literary value like Melville's "Benito Cereno," Ellison's "Invisible Man," and Camus's "The Plague."

Fall 2022: ENGL UN3805

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3805	001/10245	M 4:10pm - 6:00pm 522c Kent Hall	Bruce Robbins, Orhan Pamuk	4.00	18/18

CLEN GU4199 LITERATURE AND OIL. 3.00 points.

This course will investigate the connections between literary/cultural production and petroleum as the substance that makes possible the world as we know it, both as an energy source and a component in the manufacture of everything from food to plastic. Our current awareness of oil's scarcity and its myriad costs (whether environmental, political, or social) provides a lens to read for the presence (or absence) of oil in texts in a variety of genres and national traditions. As we begin to imagine a world "beyond petroleum," this course will confront the ways in which oil shapes both the world we know and how we know and imagine the world. Oil will feature in this course in questions of theme (texts "about" oil), of literary form (are there common formal conventions of an "oil novel"?), of interpretive method (how to read for oil), of transnational circulation (how does "foreign oil" link US citizens to other spaces?), and of the materiality (or "oiliness") of literary culture (how does the production and circulation of texts, whether print or digital, rely on oil?).

Fall 2022: CLEN GU4199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4199	001/10246	M W 8:40am - 9:55am Room TBA	Jennifer Wenzel	3.00	67/90

CLEN GU4550 NARRATIVE AND HUMAN RIGHTS. 3.00 points.

(Lecture). We can't talk about human rights without talking about the forms in which we talk about human rights. This course will study the convergences of the thematic, philosophies, politics, practices, and formal properties of literature and human rights. In particular, it will examine how literary questions of narrative shape (and are shaped by) human rights concerns; how do the forms of stories enable and respond to forms of thought, forms of commitment, forms of being, forms of justice, and forms of violation? How does narrative help us to imagine an international order based on human dignity, rights, and equality? We will read classic literary texts and contemporary writing (both literary and non-literary) and view a number of films and other multimedia projects to think about the relationships between story forms and human rights problematics and practices. Likely literary authors: Roberto Bolaño, Miguel de Cervantes, Assia Djebar, Ariel Dorfman, Slavenka Drakulic, Nuruddin Farah, Janette Turner Hospital, Franz Kafka, Sahar Kalifeh, Sindiwe Magona, Maniza Naqvi, Michael Ondaatje, Alicia Partnoy, Ousmane Sembène, Mark

Twain . . . We will also read theoretical and historical pieces by authors such as Agamben, An-Naim, Appiah, Arendt, Balibar, Bloch, Chakrabarty, Derrida, Douzinas, Habermas, Harlow, Ignatieff, Laclau and Mouffe, Levinas, Lyotard, Marx, Mutua, Nussbaum, Rorty, Said, Scarry, Soyinka, Spivak, Williams

Fall 2022: CLEN GU4550

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4550	001/10247	M W 5:40pm - 6:55pm 310 Fayerweather	Joseph R Slaughter	3.00	55/90

ENGL GU4604 AMERICAN MODERNISM. 3.00 points.

(Lecture). This course surveys cultural responses to the historical, technological, intellectual, and political conditions of modernity in the United States. Spanning the period from the turn of the century to the onset of World War II, we will consider the relationship between key events (U.S. imperialism, immigration, World War I, the Jazz age, the Great Depression); intellectual and scientific developments (the theory of relativity, the popularization of Freudian psychoanalysis, the anthropological concept of culture, the spread of consumer culture, Fordism, the automobile, the birth of cinema, the skyscraper); and cultural production. Assigned readings will include novels, short stories, and contemporary essays. Visual culture--paintings, illustrations, photography, and film--will also play an important role in our investigation of the period. Past [syllabus](#) (which will be somewhat revised).

Fall 2022: ENGL GU4604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4604	001/10248	T Th 4:10pm - 5:25pm 310 Fayerweather	Ross Posnock	3.00	21/40

CLEN GU4771 The Literary History of Atrocity. 3.00 points.

Sometime around the publication of Garcia Marquez's classic novel *One Hundred Years of Solitude* in 1967, novelists who wanted to make a claim to ethical and historical seriousness began to include a scene of extreme violence that, like the banana worker massacre in Garcia Marquez, seemed to offer a definitive guide to the moral landscape of the modern world. This course will explore both the modern literature that was inspired by Garcia Marquez's example and the literature that led up to this extraordinary moment—for example, the literature dealing with the Holocaust, with the dropping of the atomic bomb, with the Japanese invasion of China in the 1930s, and with the Allied bombing of the German cities. It will also ask how extraordinary this moment in fact was, looked at from the perspective of literature as a whole, by inspecting earlier examples of atrocities committed in classical antiquity, in the Crusades, against Native Americans and (in Tolstoy) against the indigenous inhabitants of the Caucasus. Before the concept of the non-combatant had been defined, could there be a concept of the atrocity? Could a culture accuse itself of misconduct toward the members of some other culture? In

posing these and related questions, the course offers itself as a major but untold chapter both in world literature and in the moral history of humankind

Fall 2022: CLEN GU4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4771	001/12956	M W 11:40am - 12:55pm 310 Fayerweather	Bruce Robbins	3.00	44/60

SPECIAL TOPICS

ENTA UN3701 DRAMA, THEATRE AND THEORY. 4.00 points.

Prerequisites: Instructor's permission. (Seminar). Theatre typically exceeds the claims of theory. What does this tell us about both theatre and theory? We will consider why theatre practitioners often provide the most influential theoretical perspectives, how the drama inquires into (among other things) the possibilities of theatre, and the various ways in which the social, spiritual, performative, political, and aesthetic elements of drama and theatre interact. Two papers, weekly responses, and a class presentation are required. Readings include Aristotle, Artaud, Bharata, Boal, Brecht, Brook, Castelvetro, Craig, Genet, Grotowski, Ibsen, Littlewood, Marlowe, Parks, Schechner, Shakespeare, Sowerby, Weiss, and Zeami. Application Instructions: E-mail Professor Austin Quigley (aeq1@columbia.edu) with the subject heading Drama, Theatre, Theory seminar. In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will in due course admit them as spaces become available

Fall 2022: ENTA UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3701	001/12958	W 4:10pm - 6:00pm 301m Fayerweather	Austin Quigley	4.00	12/18

ENGL UN3792 FILM AND LAW. 4.00 points.

Prerequisites: the instructor's permission.

From its beginnings, film has been preoccupied with law: in cops and robbers silent films, courtroom drama, police procedural, judge reality show, or all the scenes that fill our media-saturated world. What do films and other audio-visual media tell us about what it's like to come before the law, or about such substantive issues as what counts as murder, war crimes, torture, sexual abuse? How do films model the techniques that lawyers use to sway the passions of their audiences? How do they model the symbolism of their gestures, icons, images? If films and other audio-visual media rewrite legal events, what is their effect: on law? on legal audiences? How is the experience of being a film spectator both like and unlike the experience of being a legal subject? This course investigates such questions by looking at representations of law in film and other audio-visual media. We will seek to understand, first, how film represents law, and, second, how

film attempts to shape law (influencing legal norms, intervening in legal regimes). The seminar's principal texts will be the films themselves, but we will also read relevant legal cases and film theory in order to deepen our understanding of both legal and film regimes.

Fall 2022: ENGL UN3792

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3792	001/12959	W 6:10pm - 8:00pm 111 Milstein Center	Julie Peters	4.00	16/18

ENGL UN3798 ASPECTS OF THE NOVEL. 4.00 points.

The novel is the dominant literary form of the last three centuries; its variations are numberless, its spread global. What can be said then about what a novel is, or how a novel works? What are some of the ways the form of the novel has been understood? This seminar is an introduction to the study of the novel as a formal and cultural phenomenon, taking in examples from the eighteenth century to the twenty-first, while attending to major landmarks in the "theory of the novel."

Fall 2022: ENGL UN3798

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3798	001/12547	T 4:10pm - 6:00pm 652 Schermerhorn Hall	Nicholas Dames	4.00	13/15

ENGL UN3891 INTRO TO CLASSICAL RHETORIC. 4.00 points.

Prerequisites: the instructor's permission.

Prerequisites: the instructor's permission. (Seminar). This course examines rhetorical theory from its roots in ancient Greece and Rome and reanimates the great debates about language that emerged in times of national expansion and cultural upheaval. We will situate the texts of Plato, Isocrates, Aristotle, Cicero, Quintilian, and others in their historical contexts to illuminate ongoing conversations about the role of words and images in the negotiation of persuasion, meaning making, and the formation of the public. In the process, we will discover that the arguments of classical rhetoric play out all around us today. Readings from thinkers like Judith Butler, Richard McKeon, Robert Pirsig, and Bruno Latour echo the ancients in their debates about hate speech regulation, the purpose of higher education, and the ability of the sciences to arrive at truth. We will discover that rhetoricians who are writing during eras of unprecedented expansion of democracies, colonization, and empire have a great deal to say about the workings of language in our globalizing, digitizing age. Application instructions: E-mail Professor Sue Mendelsohn (sem2181@columbia.edu) by April 11 with the subject heading Rhetoric seminar. In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list, from which the instructor will in due course admit them as spaces become available

Fall 2022: ENGL UN3891

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3891	001/10237	T 8:10am - 10:00am 401 Hamilton Hall	Susan Mendelsohn	4.00	11/18

AMST UN3930 Topics in American Studies. 4 points.

Please refer to the Center for American Studies website for course descriptions for each section.
americanstudies.columbia.edu

Fall 2022: AMST UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	001/10028	T 2:10pm - 4:00pm 317 Hamilton Hall	Hilary-Anne Hallett	4	14/18
AMST 3930	002/10029	T 10:10am - 12:00pm 317 Hamilton Hall	James Shapiro	4	10/18
AMST 3930	003/10030	W 12:10pm - 2:00pm 317 Hamilton Hall	John McWhorter	4	7/18
AMST 3930	004/11089	W 10:10am - 12:00pm 317 Hamilton Hall	Roosevelt Montas	4	22/18
AMST 3930	005/12000	F 10:10am - 12:00pm 317 Hamilton Hall	Michael Hindus	4	11/18

ENGL GU4879 QUEER LITERATURE, CULTURE AND THEORY. 3.00 points.

This class will ask you to read a set of novels, theoretical essays and engage works from queer cinema, TV and music, in order to think deeply about sexuality, identity, desire, race, objects, relationality, being, knowing and becoming. We will consider sexuality, desire and gender not as a discrete set of bodily articulations, nor as natural expressions of coherent identities so much as part of the formulation of self that Avery Gordon names “complex personhood.” Beginning with a film from the UK that rereads queerness back through a history of labor and ending with a film made entirely on the iPhone and that stages queerness as part of an alternative articulation of Hollywood, we will explore new and old theories of queer desire. Through the readings, discussions, and assignments, you will develop critical analytical skills to consider social change movements with particular attention to how sex, gender, race, class, sexuality, sexual orientation, and other systems of power shape people’s everyday lives. We will trace the entanglements of narrativity and subjectivity, desire and language, difference and representation and we will explore queer theories of being, knowing and becoming

Fall 2022: ENGL GU4879

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4879	001/15048	M W 2:40pm - 3:55pm 209 Havemeyer Hall	Jack Halberstam	3.00	58/90

ENGL GU4898 THE BILDUNGSROMAN: COMING OF AGE IN THE NOVEL. 3.00 points.

The bildungsroman is the modern, realist version of the hero’s quest. Instead of slaying dragons and weaving spells, the protagonist of the bildungsroman struggles with what it means to become an adult – or to refuse to. Also known as the novel of development or coming-of-age novel, the bildungsroman typically focuses on growth and development, the cultivation of the self, and the tensions between individual and society, idealism and realism, dreamy inertia and future-oriented action. The reading list spans coming-of-age novels from Germany, France, England, and the United States, from the 1790s through the 2010s. Lectures will focus on the novel as a literary form in dialogue with other literary works; with historical events; and with ideas drawn from philosophy, psychology, and sociology. The course will address questions that include: what is society, what is a self, and what is the shape of a human life? What fosters human development and what thwarts it? How do coming-of-age novels engage with social norms concerning love, work, personhood, and maturity? The earliest novels of development focused on the dilemmas faced by white, middle-class men; how have subsequent works represented the challenges that non-dominant subjects encounter? This is a 3-point lecture course. In accordance with university guidelines, you should expect to spend about six hours per week outside of class doing the course reading, which will consist entirely of novels and vary from ~150 to ~300 pages per week

Fall 2022: ENGL GU4898

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4898	001/13589	T Th 6:10pm - 7:25pm 614 Schermerhorn Hall	Sharon Marcus	3.00	67/90

ENGL GU4975 PRISON LITERATURE. 4.00 points.

Prison literature—poems, plays, memoirs, novels, and songs written in prison or about prison—constitute a significant part of American literature. Prisons expose many of the systemic inequalities of American life, above all those based on racism and the enduring legacies of slavery. Using the tools of critical race theory, feminism, and class analysis, this course will explore the forms of cultural expression that have emerged in relationship to the American prison experience. Though the course will touch on the rise of convict leasing, chain gangs, and work farms as part of the penal system under Jim Crow, the main focus will be on developments in the U.S. prison system and in prison literature since the 1960s, roughly from the prison writing of George Jackson, Angela Davis, and Malcolm X to the outpouring of contemporary fiction and poetry about prison life by Jesmyn Ward, Colin Whitehead, Rachel Kushner, and Reginald Betts. This is the era of what Michelle Alexander has called “the new Jim Crow,” the rise of mass incarceration, the partial privatization of the penal system, and the growth of supermax facilities. Among the questions we will explore together are these: What tools and techniques do writers use to construct the prison experience? What are the affordances offered by various genres (drama, autobiography, poetry, the

novel) for exploring the prison system and the systems of oppression that converge at that site? Does some literature of incarceration perpetuate damaging discourses about “felons,” or does it revise and complicate stereotypes and narratives about incarcerated individuals? How do narratives involving change, conversion, growing up, or being defeated operate in various genres of prison literature? What role do mourning, witnessing, testifying, and resistance play in such writing? What is the imagined audience of various genres of prison writing, that is, for whom is it written? What ethical and political demands does such writing make on us as readers, citizens, activists?

Fall 2022: ENGL GU4975

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4975	001/12966	T 10:10am - 12:00pm 612 Philosophy Hall	Jean Howard	4.00	12/18

UNIVERSITY WRITING

ENGL CC1010 UNIVERSITY WRITING. 3.00 points.

ENGL CC/GS1010: University Writing, is a one-semester seminar designed to facilitate students' entry into the intellectual life of the university by teaching them to become more capable and independent academic readers and writers. The course emphasizes habits of mind and skills that foster students' capacities for critical analysis, argument, revision, collaboration, meta-cognition, and research. Students read and discuss essays from a number of fields, complete regular informal reading and writing exercises, compose several longer essays, and devise a research-based project of their own design. Courses of Instruction ENGL CC1010 University Writing. 3 points. ENGL CC/GS1010: University Writing (3 points) focuses on developing students' reading, writing, and thinking, drawing from readings on a designated course theme that carry a broad appeal to people with diverse interests. No University Writing class presumes that students arrive with prior knowledge in the theme of the course. We are offering the following themes this year: UW: Contemporary Essays, CC/GS1010.001-.099 UW: Readings in American Studies, CC/GS1010.1xx UW: Readings in Gender and Sexuality, CC/GS1010.2xx UW: Readings in Film and Performing Arts, CC/GS1010.3xx UW: Readings in Urban Studies, CC/GS1010.4xx (will be sharing 400s with Human Rights) UW: Readings in Climate Humanities, CC/GS1010.5xx (will be sharing 500s with Data # Society) UW: Readings in Medical Humanities, CC/GS1010.6xx UW: Readings in Law # Justice, CC/GS1010.7xx UW: Readings in Race and Ethnicity, CC/GS1010.8xx University Writing for International Students, CC/GS1010.9xx For further details about these classes, please visit: <http://www.college.columbia.edu/core/uwp>

Fall 2022: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	005/15348	M W 10:10am - 11:25am 502 Northwest Corner	Megan Lonsinger	3.00	14/14

ENGL 1010	015/15349	M W 1:10pm - 2:25pm 201d Philosophy Hall	Kirkwood Adams	3.00	14/14
ENGL 1010	016/16085	M W 2:40pm - 3:55pm 201d Philosophy Hall	Glenn Gordon	3.00	14/14
ENGL 1010	021/18423	M W 4:10pm - 5:25pm 104 Knox Hall	Therese Cox	3.00	13/14
ENGL 1010	023/18496	M W 4:10pm - 5:25pm 408a Philosophy Hall	Brianne Baker	3.00	14/14
ENGL 1010	032/18424	T Th 10:10am - 11:25am 201d Philosophy Hall	Emily Weitzman	3.00	14/14
ENGL 1010	034/18425	T Th 11:40am - 12:55pm 408a Philosophy Hall	Austin Mantele	3.00	14/14
ENGL 1010	035/18426	T Th 11:40am - 12:55pm 116 Knox Hall	Julia Bannon	3.00	14/14
ENGL 1010	036/15351	T Th 11:40am - 12:55pm 201d Philosophy Hall	Emily Foster	3.00	13/14
ENGL 1010	039/16078	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Elena Dudum	3.00	14/14
ENGL 1010	048/18432	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Celine Aenlle-Rocha	3.00	14/14
ENGL 1010	053/18435	T Th 4:10pm - 5:25pm 507 Lewisohn Hall	Austin Mantele	3.00	13/14
ENGL 1010	054/18746	T Th 2:40pm - 3:55pm 507 Lewisohn Hall	Catherine Suffern	3.00	14/14
ENGL 1010	055/18744	M W 8:40am - 9:55am 307 Mathematics Building	Gabrielle DaCosta	3.00	14/14
ENGL 1010	109/15352	M W 11:40am - 12:55pm 201d Philosophy Hall	Hannah Gold	3.00	14/14
ENGL 1010	122/18437	M W 4:10pm - 5:25pm 201b Philosophy Hall	Jessica Campbell	3.00	13/14
ENGL 1010	128/15353	T Th 8:40am - 9:55am 652 Schermerhorn Hall	Susanna Kohn	3.00	14/14
ENGL 1010	151/18458	T Th 5:40pm - 6:55pm 116 Knox Hall	Kirkwood Adams	3.00	10/14
ENGL 1010	203/15355	M W 8:40am - 9:55am 652 Schermerhorn Hall	Levi Catherine Hord	3.00	14/14

ENGL 1010	217/15356	M W 2:40pm - 3:55pm 502 Northwest Corner	Ashley Thomas	3.00	13/14			502 Northwest Corner			
						ENGL 1010	549/18439	T Th 4:10pm - 5:25pm 307 Mathematics Building	Michael Schoch	3.00	14/14
ENGL 1010	226/15357	M W 5:40pm - 6:55pm 201d Philosophy Hall	Natalie Adler	3.00	14/14						
						ENGL 1010	606/15371	M W 10:10am - 11:25am 307 Mathematics Building	Meg Zhang	3.00	14/14
ENGL 1010	237/15358	T Th 11:40am - 12:55pm 201b Philosophy Hall	Connor Spencer	3.00	13/14						
						ENGL 1010	613/15372	M W 1:10pm - 2:25pm 502 Northwest Corner	Angelica Modabber	3.00	13/14
ENGL 1010	245/15359	T Th 2:40pm - 3:55pm 201d Philosophy Hall	Genevieve Shuster	3.00	14/14						
						ENGL 1010	625/15373	M W 5:40pm - 6:55pm 201b Philosophy Hall	Ayesha Verma	3.00	12/14
ENGL 1010	311/15360	M W 11:40am - 12:55pm 315 Hamilton Hall	Jehbreal Jackson	3.00	14/14						
						ENGL 1010	630/15374	T Th 10:10am - 11:25am 502 Northwest Corner	Kristie Schlauraff	3.00	14/14
ENGL 1010	320/15361	M W 4:10pm - 5:25pm 652 Schermerhorn Hall	Alice Clapie	3.00	14/14						
						ENGL 1010	733/15376	T Th 10:10am - 11:25am 201b Philosophy Hall	Wally Suphap	3.00	13/14
ENGL 1010	329/15362	T Th 8:40am - 9:55am 502 Northwest Corner	Abigail Melick	3.00	13/14						
						ENGL 1010	738/18427	T Th 1:10pm - 2:25pm 502 Northwest Corner	Pichaya Damrongpiwat	3.00	14/14
ENGL 1010	331/15363	T Th 10:10am - 11:25am 652 Schermerhorn Hall	Alessia Palanti	3.00	14/14						
						ENGL 1010	743/18428	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Celine Aenlle- Rocha	3.00	14/14
ENGL 1010	340/15364	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Claudia Grigg Edo	3.00	13/14						
						ENGL 1010	808/15377	M W 11:40am - 12:55pm 201b Philosophy Hall	Tejan Waszak	3.00	13/14
ENGL 1010	407/15365	M W 10:10am - 11:25am 201d Philosophy Hall	Grant Miner	3.00	13/14						
						ENGL 1010	818/16092	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Shanelle Kim	3.00	14/14
ENGL 1010	408/18745	M W 5:40pm - 6:55pm 418 International Affairs Bldg	John Fitzgerald	3.00	14/14						
						ENGL 1010	824/15378	M W 5:40pm - 6:55pm 307 Mathematics Building	Stephanie Wambugu	3.00	13/14
ENGL 1010	419/18422	M W 2:40pm - 3:55pm 307 Mathematics Building	Seth Cosimini	3.00	14/14						
						ENGL 1010	842/15379	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Amy Barenboim	3.00	14/14
ENGL 1010	447/18431	T Th 4:10pm - 5:25pm 212a Lewisohn Hall	Therese Cox	3.00	13/14						
						ENGL 1010	844/15380	T Th 2:40pm - 3:55pm 307 Mathematics Building	Catherine Fisher	3.00	14/14
ENGL 1010	504/15367	M W 10:10am - 11:25am 201b Philosophy Hall	Ruilin Fan	3.00	14/14						
						ENGL 1010	850/15381	T Th 5:40pm - 6:55pm 502 Northwest Corner	Gabriella Etoniru	3.00	14/14
ENGL 1010	512/18419	M W 1:10pm - 2:25pm 506 Lewisohn Hall	Elizabeth Walters	3.00	14/14						
						ENGL 1010	902/15382	M W 8:40am - 9:55am 502 Northwest Corner	Charles Green	3.00	13/14
ENGL 1010	527/15368	T Th 8:40am - 9:55am 201d Philosophy Hall	Julia Ryan	3.00	14/14						
						ENGL 1010	910/18418	M W 11:40am - 12:55pm 506 Lewisohn Hall	Elizabeth Walters	3.00	14/14
ENGL 1010	541/15370	T Th 1:10pm - 2:25pm 476b Alfred Lerner Hall	Margaret Banks	3.00	14/14						
						ENGL 1010	914/15383	M W 1:10pm - 2:25pm	Alina Shubina	3.00	13/14
ENGL 1010	546/18430	T Th 2:40pm - 3:55pm	Adam Winters	3.00	13/14						

ENGL 1010	952/18340	652 Schermerhorn Hall T Th 5:40pm - 6:55pm 501 International Affairs Bldg	Justin Snider	3.00	14/14	ENGL 1010	112/14918	201d Philosophy Hall M W 1:10pm - 2:25pm 408a Philosophy Hall	Jessica Campbell	3.00	14/14
Spring 2023: ENGL CC1010						ENGL 1010	141/14919	T Th 1:10pm - 2:25pm 201d Philosophy Hall	Kirkwood Adams	3.00	14/14
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	ENGL 1010	143/14920	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Hannah Gold	3.00	13/14
ENGL 1010	002/14897	M W 8:40am - 9:55am 201b Philosophy Hall	Gabrielle DaCosta	3.00	14/14	ENGL 1010	220/14921	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Genevieve Shuster	3.00	12/14
ENGL 1010	013/14898	M W 1:10pm - 2:25pm 502 Northwest Corner	Austin Mantele	3.00	14/14	ENGL 1010	227/14922	M W 5:40pm - 6:55pm 408a Philosophy Hall	Natalie Adler	3.00	14/14
ENGL 1010	014/14899	M W 1:10pm - 2:25pm 313 Hamilton Hall	Jason Ueda	3.00	14/14	ENGL 1010	244/14923	T Th 1:10pm - 2:25pm 408a Philosophy Hall	Kendall Collins	3.00	14/14
ENGL 1010	017/14901	M W 2:40pm - 3:55pm 408a Philosophy Hall	Jessica Campbell	3.00	14/14	ENGL 1010	245/17216	T Th 2:40pm - 3:55pm 476b Alfred Lerner Hall	Evyan Gainey	3.00	11/14
ENGL 1010	018/14902	M W 2:40pm - 3:55pm 201d Philosophy Hall	Glenn Gordon	3.00	13/14	ENGL 1010	249/14924	T Th 2:40pm - 3:55pm 502 Northwest Corner	Ashley Thomas	3.00	14/14
ENGL 1010	019/14903	M W 2:40pm - 3:55pm 508 Lewisohn Hall	Elena Dudum	3.00	14/14	ENGL 1010	252/14925	T Th 4:10pm - 5:25pm 307 Mathematics Building	Connor Spencer	3.00	14/14
ENGL 1010	021/14904	M W 4:10pm - 5:25pm 307 Mathematics Building	Seth Cosimini	3.00	14/14	ENGL 1010	324/14926	M W 4:10pm - 5:25pm 201b Philosophy Hall	Adrian Guo-Silver	3.00	14/14
ENGL 1010	022/14906	M W 4:10pm - 5:25pm 331 Uris Hall	Austin Mantele	3.00	14/14	ENGL 1010	325/15460	M W 4:10pm - 5:25pm 104 Knox Hall	Geoffrey Lokke	3.00	14/14
ENGL 1010	033/17212	T Th 10:10am - 11:25am 201d Philosophy Hall	Emily Foster	3.00	14/14	ENGL 1010	332/14927	T Th 8:40am - 9:55am 307 Mathematics Building	Abigail Melick	3.00	14/14
ENGL 1010	035/14908	T Th 10:10am - 11:25am 502 Northwest Corner	Brianne Baker	3.00	14/14	ENGL 1010	346/14929	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Jehbreal Jackson	3.00	14/14
ENGL 1010	039/14910	T Th 11:40am - 12:55pm 201b Philosophy Hall	Emily Weitzman	3.00	14/14	ENGL 1010	353/17427	T Th 1:10pm - 2:25pm 476a Alfred Lerner Hall	Claudia Grigg Edo	3.00	13/14
ENGL 1010	040/14911	T Th 11:40am - 12:55pm 502 Northwest Corner	Brianne Baker	3.00	14/14	ENGL 1010	406/14955	M W 10:10am - 11:25am 307 Mathematics Building	Grant Miner	3.00	14/14
ENGL 1010	042/14912	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Emily Weitzman	3.00	14/14	ENGL 1010	415/14930	M W 1:10pm - 2:25pm 508 Lewisohn Hall	Tyler Grand Pre	3.00	14/14
ENGL 1010	054/18030	T Th 4:10pm - 5:25pm 652 Schermerhorn Hall	Andrew Slater	3.00	13/14	ENGL 1010	416/14931	M W 2:40pm - 3:55pm 307 Mathematics Building	Seth Cosimini	3.00	13/14
ENGL 1010	055/14913	T Th 5:40pm - 6:55pm 502 Northwest Corner	Michael Schoch	3.00	14/14						
ENGL 1010	056/14914	T Th 5:40pm - 6:55pm	Julia Bannon	3.00	14/14						

ENGL 1010	436/14932	T Th 10:10am - 11:25am 201b Philosophy Hall	Eman Elhadad	3.00	13/14
ENGL 1010	438/14933	T Th 11:40am - 12:55pm 652 Schermerhorn Hall	Therese Cox	3.00	14/14
ENGL 1010	447/14934	T Th 2:40pm - 3:55pm 652 Schermerhorn Hall	Mieko Anders	3.00	14/14
ENGL 1010	504/14935	M W 10:10am - 11:25am 502 Northwest Corner	Adam Winters	3.00	14/14
ENGL 1010	508/14936	M W 11:40am - 12:55pm 201b Philosophy Hall	Elizabeth Walters	3.00	14/14
ENGL 1010	510/14937	M W 11:40am - 12:55pm 502 Northwest Corner	Adam Winters	3.00	14/14
ENGL 1010	531/14938	T Th 8:40am - 9:55am 201b Philosophy Hall	Julia Ryan	3.00	14/14
ENGL 1010	550/14939	T Th 4:10pm - 5:25pm 502 Northwest Corner	Michael Schoch	3.00	14/14
ENGL 1010	603/14940	M W 8:40am - 9:55am 307 Mathematics Building	Angelica Modabber	3.00	14/14
ENGL 1010	607/14941	M W 10:10am - 11:25am 201b Philosophy Hall	Meg Zhang	3.00	14/14
ENGL 1010	623/14942	M W 4:10pm - 5:25pm 201d Philosophy Hall	Ayesha Verma	3.00	14/14
ENGL 1010	630/14943	T Th 8:40am - 9:55am 652 Schermerhorn Hall	Kristie Schlauraff	3.00	14/14
ENGL 1010	705/14944	M W 10:10am - 11:25am 201d Philosophy Hall	Wally Suphap	3.00	14/14
ENGL 1010	711/14945	M W 11:40am - 12:55pm 652 Schermerhorn Hall	Kaagni Harekal	3.00	14/14
ENGL 1010	734/14946	T Th 10:10am - 11:25am 307 Mathematics Building	Celine Aenlle-Rocha	3.00	14/14
ENGL 1010	737/14947	T Th 11:40am - 12:55pm 201d Philosophy Hall	Pichaya Damrongpiwat	3.00	14/14
ENGL 1010	809/14948	M W 11:40am - 12:55pm 201d Philosophy Hall	Tejan Waszak	3.00	14/14

ENGL 1010	828/14949	M W 5:40pm - 6:55pm 201d Philosophy Hall	Stephanie Wambugu	3.00	14/14
ENGL 1010	848/14950	T Th 2:40pm - 3:55pm 307 Mathematics Building	Amy Barenboim	3.00	14/14
ENGL 1010	851/14951	T Th 4:10pm - 5:25pm 201d Philosophy Hall	Catherine Fisher	3.00	14/14
ENGL 1010	857/14952	T Th 5:40pm - 6:55pm 307 Mathematics Building	Gabriella Etoniru	3.00	14/14
ENGL 1010	901/14953	M W 8:40am - 9:55am 502 Northwest Corner	Charles Green	3.00	14/14
ENGL 1010	926/14954	M W 5:40pm - 6:55pm 201b Philosophy Hall	Justin Snider	3.00	14/14

SENIOR ESSAY METHODS SEMINAR

ENGL UN3795 SENIOR ESSAY RESEARCH METHODS. 3.00 points.

The senior essay is, for most English majors, the most substantial research you will have produced to this point in your intellectual life. As seniors tackle their essays, they discover that the methods they used to write smaller projects often don't transfer to a project of this size. The English Senior Essay Seminar prepares English majors to make the leap to this longer project. It guides you through the process of crafting your proposal and teaches the research methods that you will rely upon to complete your thesis in the spring. In the process, you will learn what researchers have discovered about how seasoned scholars research and write. This learning prepares you for the next stage of your writing career, whether it be in graduate school or the workplace. By the end of the semester, you will produce about 20 pages of writing toward your senior essay, some of it in rough draft form and some more polished. That writing includes an evolving set of research questions, a literature review, a senior essay proposal, an outline, and partial rough drafts of two sections of your essay

Fall 2022: ENGL UN3795

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3795	001/18301	F 2:10pm - 4:00pm 401 Hamilton Hall	Susan Mendelsohn	3.00	11/18
ENGL 3795	002/18302	W 6:10pm - 8:00pm 522c Kent Hall	Yea Jung Park	3.00	15/18

SPRING 2023

INTRODUCTION TO THE MAJOR

ENGL UN3001 LITERARY TEXTS # CRIT METHODS. 4.00 points.

Prerequisites: Students who register for ENGL UN3001 must also register for one of the sections of ENGL UN3011 Literary Texts, Critical Methods.

Prerequisites: Students who register for ENGL UN3001 must also register for one of the sections of ENGL UN3011 Literary Texts, Critical Methods. This course is intended to introduce students to the advanced study of literature. Students will read works from different genres (poetry, drama, and prose fiction), drawn from the medieval period to the present day, learning the different interpretative techniques required by each. The course also introduces students to a variety of critical schools and approaches, with the aim both of familiarizing them with these methodologies in the work of other critics and of encouraging them to make use of different methods in their own critical writing. This course (together with the companion seminar ENGL UN3011) is a requirement for the English Major and Concentration. It should be taken as early as possible in a student's career. Fulfillment of this requirement will be a factor in admission to seminars and to some lectures

Fall 2022: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/12953	F 10:10am - 11:25am 313 Fayerweather	Erik Gray	4.00	75/75

Spring 2023: ENGL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/13142	W 2:10pm - 3:25pm 402 Chandler	Frances Negron-Muntaner	4.00	70/75

MEDIEVAL

ENGL UN3920 MEDIEVAL ENGLISH TEXTS. 4.00 points.

Prerequisites: the instructor's permission.

The class will read the poem Sir Gawain and the Green Knight in the original Middle English language of its unique surviving copy of circa 1400, and will discuss both the poem's language and the poem's literary merit. The class will read the poem Sir Gawain and the Green Knight in the original Middle English language of its unique surviving copy of circa 1400, and will discuss both the poem's language and the poem's literary merit

Spring 2023: ENGL UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3920	001/13181	T 2:10pm - 4:00pm 401 Hamilton Hall	David Yerkes	4.00	18/18

CLEN GU4015 VERNACULAR PALEOGRAPHY. 4.00 points.

This class is designed to introduce graduate students (and some advanced undergraduates) to the paleography of English

vernacular manuscripts written during the period ca. 700 -1500, with brief excursions into Latin and into French as it was written on the Continent. The purpose of the course is fourfold: (1) to teach students how to make informed judgments with regard to the date (and sometimes place) of origin, (2) to provide instruction and practice in the accurate reading and transcription of medieval scripts, (3) to learn and use the basic vocabulary of the description of scripts, and (4) to examine the manuscript book as a product of the changing society that produced it and, thus, as a primary source for the study of that society and its culture. In order to localize manuscripts in time and place, we also examine aspects of the written page besides the script, such as the material on which it is written, its layout and ruling, the decoration and illustration of the text, the provenance, and binding. We also examine the process of manuscript production itself, whether institutional, commercial, or personal. The history of book production and of decoration and illumination are thus considered part of the study of paleography, as is the history of patronage and that of libraries. Manuscripts are among the most numerous and most reliable surviving witnesses to medieval social and intellectual change, and they will be examined as such. To become proficient in the study of manuscripts it is necessary to look at manuscripts, as well as to read about them. The more time you are able to spend looking at manuscripts critically, in the manuals and in the Rare Book and Manuscript Library, the greater will be your first-hand experience and hence your reliable knowledge

Spring 2023: CLEN GU4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4015	001/13115	T Th 12:10pm - 2:00pm Chang Rm Butler Library	Christopher Baswell	4.00	5/12

ENGL GU4790 ADVANCED OLD ENGLISH. 4.00 points.

Prerequisites: Students must have previous knowledge of Old English -- minimum one semester.

The course description will remain the same

Spring 2023: ENGL GU4790

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4790	001/13197	M 4:10pm - 6:00pm 612 Philosophy Hall	Leslie Carpenter	4.00	7/18

ENGL GU4791 MYSTICISM # MEDIEVAL DRAMA. 3.00 points.

(Lecture). This class is designed to interrogate the genre-boundary that has traditionally separated visionary writings from dramatic ones in the study of English medieval literature. Although this separation has long existed in scholarship, it is deeply problematic, and produces an understanding of the relationship between private devotion and publically performed religious ritual that is untenable, and does considerable violence to our understanding of the medieval imagination. As we will see, notionally "private" visionary writings and notionally "public" dramatic writings have a great deal in common, not just in terms of their overt content, but also in terms of their formal construction, their poetic devices, their favorite

rhetoical maneuvers, and their articulated relationship with history and English literature. The works we will read this term are all phenomenally strange, many of them extremely difficult because of their unfamiliarity. For this reason, we will divide the semester into three sections: the first will deal with the famous medieval cycle dramas, which narrate events from the New Testament. The second section will transition to examine three important visionary texts that were written between 1370 and 1430, contemporaneous with the efflorescence of dramatic composition and performance in England, and two late Antique visionary texts that inspired them. The final section of class will turn to examine the so-called "morality plays," which emerge just slightly after the cycle dramas and after the visionary works we will have read. Since all of these works are linguistically challenging, we will work with translations in certain instances (Piers Plowman, Julian of Norwich, Margery Kempe). For all of the other works, we will be reading in Middle English, but you are welcome to consult translations, online summaries, or anything else that helps you get up to speed on what's going on in the plays. Bear in mind, however, that your midterm and final will be based on the Middle English texts, so you do need to make a serious effort to read them (except in the case of Piers Plowman, which will be in modern English).

Spring 2023: ENGL GU4791

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4791	001/13198	T Th 10:10am - 11:25am 702 Hamilton Hall	Eleanor Johnson	3.00	46/60

RENAISSANCE

ENGL UN3336 SHAKESPEARE II. 3.00 points.

(Lecture). Shakespeare II examines plays from the second half of Shakespeare's dramatic career, primarily a selection of his major tragedies and his later comedies (or "romances")

Spring 2023: ENGL UN3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3336	001/13151	M W 10:10am - 11:25am 503 Hamilton Hall	Alan Stewart	3.00	43/54
ENGL 3336	AU1/19952	M W 10:10am - 11:25am Othr Other	Alan Stewart	3.00	3/3

CLEN GU4122 RENAISSANCE IN EUROPE II. 3.00 points.

Major texts of the Renaissance both south and north of the Alps, including those of Petrarch, Valla, Machiavelli, Castiglione, Erasmus, Thomas More, and Montaigne, with special emphasis on diverse style of early modern writing and the habits of reading they encouraged

Spring 2023: CLEN GU4122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4122	001/13123	M W 11:40am - 12:55pm 503 Hamilton Hall	Kathy Eden	3.00	38/54

18TH AND 19TH CENTURY

ENGL UN3626 GREAT SHORT WORKS OF AMERICAN PROSE. 4.00 points.

The aim of this course is to read closely and slowly short prose masterworks written in the United States between the mid-19th century and the mid-20th century, and to consider them in disciplined discussion. Most of the assigned works are fiction, but some are public addresses or lyrical or polemical essays. We will read with attention to questions of audience and purpose: for whom were they written and with what aim in mind: to promote a cause, make a case for personal or political action, provoke pleasure, or some combination of all of these aims? We will consider the lives and times of the authors but will focus chiefly on the aesthetic and argumentative structure of the works themselves

Spring 2023: ENGL UN3626

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3626	001/13168	M 4:10pm - 6:00pm 317 Hamilton Hall	Andrew Delbanco	4.00	15/18

ENGL UN3789 AMERICAN NATURE WRITING TO 1900. 4.00 points.

The course is a survey of canonical texts from the American Literary Canon, with emphasis on how these writers experienced the natural world. Some of them had to deal with extreme cold, others with tropical heat. Some of them encountered abundance, others sparsity and famine. They all encountered new life forms – from marine life to birds, reptiles and animals. They had to cope with frequent earthquakes and hurricanes, and classify newly discovered species of vegetal life. What they saw, however, was read not only through the lenses of natural history, but also theologically and politically. For some, the natural world was rich with signs sent by God for them to interpret, for others it was a political space that they organized according to the a theocratic or plantation logic. The class will therefore also pay special attention to politics, and investigate how the ecological spaces that the colonists encountered shaped their politics and ethics

Spring 2023: ENGL UN3789

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3789	001/13179	M 2:10pm - 4:00pm 507 Philosophy Hall	Branka Arsic	4.00	18/18

ENGL UN3991 ROMANTIC MARGINS. 4.00 points.

British literature of the Romantic period, from the late eighteenth to the early nineteenth century, displays a fascination with what is on the margins. This manifests itself most memorably in the unprecedented focus on socially marginalized figures – the beggars, madmen, abandoned women, and solitary wanderers who populate the pages of Romantic poetry and fiction. The author too is often figured as an outsider in this period, someone whose authority derives specifically from his or her position of marginality, looking in from the fringes. Geographically, the peripheries of the island of Great Britain (Wales and especially Scotland) were major sites of literary experimentation in the Romantic era, while the south coast of

England attracted particular interest because of the constant threat of invasion from France during these years. And of course Romantic writers famously exploited textual margins: many of the major literary works of the period make innovative use of footnotes, glosses, and other paratextual apparatus. This course considers these various aspects of Romantic marginality and the intersections between them. In addition to the work of more canonical authors (William Wordsworth, Samuel Taylor Coleridge, Walter Scott, Mary Shelley), we will be reading poems, novels, essays, and letters by writers, especially women, whose work has historically been marginalized

Spring 2023: ENGL UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3991	001/13225	Th 12:10pm - 2:00pm 522c Kent Hall	Erik Gray	4.00	12/18

ENGL GU4404 VICTORIAN POETRY. 3.00 points.

Open to all undergraduates (regardless of major) and graduate students.

(Lecture). This course examines the works of the major English poets of the period 1830-1900. We will pay special attention to Alfred Tennyson and Robert Browning, and their great poetic innovation, the dramatic monologue. We will also be concentrating on poems by Elizabeth Barrett Browning, Gerard Manley Hopkins, Christina Rossetti, Matthew Arnold, A. E. Housman, and Thomas Hardy

Spring 2023: ENGL GU4404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4404	001/13184	M W 10:10am - 11:25am 330 Uris Hall	Erik Gray	3.00	42/60

20TH AND 21ST CENTURY

ENGL GU4622 AFRICAN AMERICAN LITERATURE II. 3.00 points.

(Lecture). This survey of African American literature focuses on language, history, and culture. What are the contours of African American literary history? How do race, gender, class, and sexuality intersect within the politics of African American culture? What can we expect to learn from these literary works? Why does our literature matter to student of social change? This lecture course will attempt to provide answers to these questions, as we begin with Zora Neale Hurstons *Their Eyes Were Watching God* (1937) and Richard Wrights *Native Son* (1940) and end with Melvin Dixons *Loves Instruments* (1995) with many stops along the way. We will discuss poetry, fiction, drama, and non-fictional prose. Other authors include Ralph Ellison, James Baldwin, Gwendolyn Brooks, Malcom X, Ntozake Shange, Audre Lorde, and Toni Morrison. There are no prerequisites for this course. The formal assignments are two five-page essays and a final examination. Class participation will be graded

Spring 2023: ENGL GU4622

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 4622	001/13190	T Th 10:10am - 11:25am 503 Hamilton Hall	Farah Griffin	3.00	50/54
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ENGL GU4110 Avant-Garde Feminist Poetry. 3.00 points.

This course will wrangle with three simple-seeming, but actually fraught and electrified questions: what does it mean to be "feminist"? What is "poetry" in the contemporary American poetry world? And what is "avant-garde?" One could read a thousand books of poetry to answer these questions, but in this course, we'll stick to works written by women between 1990 and today. We will pay sustained, careful attention to poetic form and structure, and we will look at how formal experimentation might intersect with ethical and political realities. And, as a heuristic device, we'll read two or three works by individual authors, to get a sense of their evolution over the course of a period of their careers

Spring 2023: ENGL GU4110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4110	001/13183	T Th 8:40am - 9:55am 702 Hamilton Hall	Eleanor Johnson	3.00	37/60

ENGL UN3042 Ulysses. 4.00 points.

The seminar will look at the structure of the novel, its plan, with special attention paid to 'The Odyssey', but also to the variations in tone in the book, the parodies and elaborate games becoming more complex as the book proceeds. We will examine a number of Irish texts that are relevant to the making of 'Ulysses', including Robert Emmett's speech from the dock, Yeats's 'The Countess Cathleen' and Lady Gregory translations from Irish folk-tales

Spring 2023: ENGL UN3042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3042	001/13148	T 12:10pm - 2:00pm 613 Hamilton Hall	Colm Toibin	4.00	20/18

ENGL UN3286 Freaks & Aesthetes in Fifties Families. 4 points.

Prerequisites: E-mail Professor Ross Posnock (rp2045@columbia.edu) with the subject heading "seminar application." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list from which the instructor will in due course admit them as spaces become available.

We will read J.D. Salinger's *Glass Family* fiction, which features a group of hyper-articulate New York prodigies who experiment with Eastern religion, Robert Lowell's prose and poetry in *Life Studies*, a breakthrough in "confessional" subject matter, and Carson McCuller's novel *A Member of the Wedding*, about the coming of age of a Southern tomboy. We will also watch and discuss Nicholas Ray's film *Rebel Without a Cause* with James Dean, the most famous portrayal of teenage rage and angst. All these works narrate crises of

conformity in postwar America--the much advertised sense of "alienation"--and dramatize the possibility of alternative values and improvised families.

Spring 2023: ENGL UN3286

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3286	001/13149	T 12:10pm - 2:00pm 309 Hamilton Hall	Ross Posnock	4	12/18

ENTA UN3970 MAJOR 20TH CENTURY PLAYWRIGHTS. 4.00 points.

Prerequisites: the instructor's permission.

The course will trace the pattern of the evolving theatrical careers of Henrik Ibsen and Harold Pinter, exploring the nature of and relationships among key features of their emerging aesthetics. Thematic and theatrical exploration involve positioning the plays in the context of the trajectories of modernism and postmodernism and examining, in that context, the emblematic use of stage sets and tableaux; the intense scrutiny of families, friendships, and disruptive intruders; the experiments with temporality, multi-linearity, and split staging; the issues raised by performance and the implied playhouse; and the plays' potential as instruments of cultural intervention. Two papers are required, 5-7 pages and 10-12 pages, with weekly brief responses, and a class presentation. Readings include major plays of both writers and key statements on modernism and postmodernism. Application Instructions: E-mail Professor Austin Quigley (aeq1@columbia.edu) with the subject heading "Ibsen and Pinter seminar." In your message, include basic information: your name, school, major, year of study, and relevant courses taken, along with a brief statement about why you are interested in taking the course. Admitted students should register for the course; they will automatically be placed on a wait list from which the instructor will in due course admit them as spaces become available

Spring 2023: ENTA UN3970

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3970	001/13214	W 4:10pm - 6:00pm 301m Fayerweather	Austin Quigley	4.00	14/18

ENGL GU4956 THE ASIAN AMERICAN NOVEL. 4.00 points.

What does it mean to write an Asian American novel? In this seminar, we will explore this question by examining a range of novels written by Asian American authors. I use the term "Asian American" to underscore its political importance as an identity and community formation that consolidated in the late 1960s. These novels we will read were published from the early twentieth century to as recently as earlier this calendar year. Some are bestsellers, prize winners, or have been deemed as pivotal to the development of Asian American literature and its history. Others are not. Some are well known authors; others are newer or emergent writers. Some feature characters who are Asian or Asian American. Others explicitly questions our assumptions and expectations regarding literary and cultural representations of Asians and Asian Americans. Across their work, these authors are nevertheless held together in part by

their engagement with transnational relations in Asia and North America, including U.S. expansion across to the Pacific, migration and immigration legislation, labor exclusions and political resistance, and the changing dynamics of the United States in the wake of a so-called global Asian century. A guiding principle will inform our work: Asian American writers have long been interested in theorizing the novel as an artistic, literary, and political form. While the content of these novels will of course be important, we will also examine how Asian American writers have explicitly experimented with the form of the novel as a genre, including romance, bildungsroman, hybrid creative nonfiction, speculative fiction, postmodern palimpsest, YA novel, apocalyptic dystopia. To guide us in this goal, we will read scholars who have theorized the novel as a genre, we'll also situate this work alongside the substantial history of Asian American literary scholarship on the novel

Spring 2023: ENGL GU4956

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4956	001/13203	F 10:10am - 12:00pm 302 Hamilton Hall	Denise Cruz	4.00	16/18

CLEN GU4565 Postcolonial Theory and Decolonization. 4.00 points.

This course will examine the major debates, contested genealogies, epistemic and political interventions, and possible futures of the body of writing that has come to be known as postcolonial theory. We will examine the relationships between postcolonial theory and other theoretical formations, including post-structuralism, feminism, Marxism, subaltern studies, Third Worldism, Global South Studies, and Decolonial Theory. We will also consider what counts as "theory" in postcolonial theory: in what ways have novels, memoirs, or revolutionary manifestos, for example, offered seminal, generalizable statements about the (settler) colonial and postcolonial condition? How can we understand the relationship between the rise of postcolonial studies in the United States and the role of the U.S. in the post-Cold War era? How do postcolonial theory and its insights about European and American imperialism contribute to analyses of contemporary globalization?

Spring 2023: CLEN GU4565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4565	001/13127	M 4:10pm - 6:00pm 1102 International Affairs Bldg	Joseph R Slaughter	4.00	14/18

CLEN GU4742 WORLD FICTION SINCE 1965. 3.00 points.

In the period since 1965, fiction has become global in a new sense and with a new intensity. Writers from different national traditions have been avidly reading each other, wherever they happen to come from, and they often resist national and regional labels altogether. If you ask the Somali writer Nuruddin Farah whether the precocious child of Maps was inspired by Salman Rushdie's *Midnight's Children*, he will answer (at least he did when I asked him) that he and Rushdie both were inspired by Sterne's *Tristram Shandy*

and Grass's *The Tin Drum*. At the same time, the human experiences around which novelists organize their fiction are often themselves global, explicitly and powerfully but also mysteriously. Our critical language is in some ways just trying to catch up with innovative modes of storytelling that attempt to be responsible to the global scale of interconnectedness on which, as we only rarely manage to realize, we all live. Authors will include some of the following: Gabriel Garcia Márquez, Jamaica Kincaid, W.G. Sebald, Elena Ferrante, and Zadie Smith

Spring 2023: CLEN GU4742

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4742	001/13131	M W 10:10am - 11:25am 516 Hamilton Hall	Bruce Robbins	3.00	50/54

ENGL GU4943 CRITICISM AND POLITICS. 4.00 points.

"Poetry makes nothing happen." So wrote W. H. Auden, encapsulating one of the most powerful concepts in literature for the last 100 years: literature is not meant to do anything in the world, it is not directly interventionist; it is meant to stand the test of time but not to intervene in the politics of the moment or change the views of readers. This is the orthodoxy of modernism and its entrenched legacies. In this course, we will explore an alternate model of literary self-assessment: the desire to effect real changes in one's society. "Books that Change the World" is offered as a thought exercise, a new way to conceptualize literary self-understanding and value. We will read works mostly from the 20th century, with several forays into the 19th and 21st, wondering how, if at all, these might aim to stimulate new ways of reading, thinking, responding, and indeed writing, in an activist spirit. The course is organized thematically and chronologically, with works from the U.S., England, Canada, India, and elsewhere. Each week we will read a novel (some novels are spread across two weeks), and these will often be paired with other materials, such as visual works, other literary materials, theoretical readings, etc. Themes to which these activist works are geared include: slavery and abolition; working conditions; gender and patriarchy; war and revolution; race and racism; and environmental crisis. This is a discussion seminar, and each student is expected to participate in every class meeting. The primary written work for the course is a final paper on a book of your choosing; the question will be, what work would you add to our syllabus, and why? The paper is an explanation/defense of your selection, with critical reading of the text itself along with appropriate context, and it is due at the end of the semester. Students concerned about work management can meet with me to come up with a different time-table. Weekly reading responses, posted to the Canvas page, are also required. In addition, after the first two weeks, we will begin each class with a short student presentation on the material (an outline is also required, to be shared with the group). Your grade for the course will be determined as follows: final paper (30#); presentation and outline (20#); class participation and reading responses (50#). Please note the heavy weight toward classroom participation and reading responses. If participating in class is not comfortable for you, please see

me early on and we can work out some alternatives. The goal for our classroom is to be inclusive and to stimulate a positive, active learning environment for all

Spring 2023: ENGL GU4943

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4943	001/16668	M W 2:40pm - 3:55pm 503 Hamilton Hall	Bruce Robbins	4.00	29/54

ENGL GU4932 ESSAYISM. 4.00 points.

In the second decade of the 21st century there is more critical attention than ever before on the essay as a literary genre and a cultural practice that crosses media, registers, disciplines, and contexts. The concept of "essayism" was redefined by the Robert Musil in his unfinished modernist novel, *The Man Without Qualities* (1930) from a style of literature to a form of thinking in writing: "For an essay is not the provisional or incidental expression of a conviction that might on a more favourable occasion be elevated to the status of truth or that might just as easily be recognized as error ... ; an essay is the unique and unalterable form that a man's inner life takes in a decisive thought." In this course will explore how essays can increase readers' and writers' tolerance for the existential tension and uncertainty we experience both within ourselves as well as in the worlds we inhabit. As Cheryl Wall argues, essays also give their practitioners meaningful work to do with their private musings and public concerns in a form that thrives on intellectual as well as formal experimentation. The course is organized to examine how practitioners across media have enacted essayism in their own work and how theorists have continued to explore its aesthetic effects and ethical power

Spring 2023: ENGL GU4932

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4932	001/13202	W 10:10am - 12:00pm 569 Alfred Lerner Hall	Nicole Wallack	4.00	8/18

SPECIAL TOPICS

ENGL UN3394 HOW WRITERS THINK. 4.00 points.

Prerequisites: Permission of instructor.

Prerequisites: Permission of instructor. (Seminar). This course uses contemporary philosophies of research and writing to train students to become writing center and library consultants. Readings will highlight major voices in rhetoric and composition research, with an emphasis on collaborative learning theory. We will ground our study in hands-on teaching experiences: students will shadow Columbia Writing Center consultants and research librarians and then practice strategies they learn in consultation with other students. Those who successfully complete this course will be eligible to apply for a peer writing consultant job in the Columbia Writing Center. This course is co-taught by the director of the Writing Center and the undergraduate services librarian

Spring 2023: ENGL UN3394

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 001/13154 W 8:10am - Susan 4.00 18/18
3394 10:00am Mendelsohn
401 Hamilton Hall

ENGL GU4561 CHILDREN'S LITERATURE. 3.00 points.

This is a historical survey of literature written principally for children (primarily narrative), which will explore not only the pleasures of imagination but the varieties of narrative and lyric form, as well as the ways in which story-telling gives shape to individual and cultural identity. Drawing on anonymous folk tale from a range of cultures, as well as a variety of literary works produced from the late 17th century to the present, we'll attend to the ways in which changing forms of children's literature reflect changing understandings of children and childhood, while trying not to overlook psychological and formal structures that might persist across this history. Readings of the primary works will be supplemented by a variety of critical approaches—psychoanalytic, materialist, feminist, and structuralist—that scholars have employed to understand the variety and appeal of children's literature.

Spring 2023: ENGL GU4561

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4561	001/13188	M W 2:40pm - 3:55pm 233 Seeley W. Mudd Building	James Adams	3.00	39/45

ETHNICITY AND RACE STUDIES

Center for the Study of Ethnicity and Race: 420 Hamilton; 212-854-0510

Program Co-Directors: Professors Mae Ngai (mn53@columbia.edu) and (Karl Jacoby kj2305@columbia.edu - **ON LEAVE FOR AY21/22**) | 425 Hamilton |

Director of Undergraduate Studies: Prof. Deborah Paredez, 425 Hamilton | 212-854-2564 | Office Hours [Online Appointment Scheduling](#) | d.paredez@columbia.edu

Associate Director: Josephine Caputo | 424 Hamilton Hall | 212-854-0510 | jc2768@columbia.edu

Founded in 1999, the Center for the Study of Ethnicity and Race (CSER) is an interdisciplinary intellectual space whose mission is to advance the most innovative teaching, research, and public discussion about race and ethnicity. To promote its mission, the Center organizes conferences, seminars, exhibits, film screenings, and lectures that bring together faculty, undergraduates, and graduate students with diverse interests and backgrounds. Moreover, CSER partners with departments, centers, and institutes at Columbia, as well as with colleagues and organizations on and off campus, in order to reach new audiences and facilitate an exchange of knowledge.

PROGRAMS OF STUDY

Ethnicity and Race Studies major and concentration encompass a variety of fields and interdisciplinary approaches to the critical study of ethnicity and race. What makes CSER unique is its attention to the comparative study of racial and ethnic categories in the production of social identities, power relations, and forms of knowledge in a multiplicity of contexts including the arts, social sciences, natural sciences, and humanities. In addition to the major, CSER also offers a concentration in ethnicity and race studies.

In both the major and concentration, students have the opportunity to select from the following areas of specialization:

- Asian American studies
- Comparative ethnic studies
- Latino/a studies
- Native American/Indigenous studies
- Individualized courses of study

Faculty and students find this field exciting and important because it opens up new ways of thinking about two fundamental aspects of human social existence: race and ethnicity. Although various traditional disciplines such as history, sociology, anthropology, and literature, among others, offer valuable knowledge on race and ethnicity, ethnicity and race studies provides a flexible interdisciplinary and comparative space to bring the insights of various conceptual frameworks and disciplines together in critical dialogue.

Overall, this program introduces students to the study of ethnicity and race, and the deep implications of the subject matter for thinking about human bodies, identity, culture, social hierarchy, and the formation of political communities. The major encourages students to consider the repercussions of racial and ethnic identifications to local and global politics, and how race and ethnicity relates to gender, sexuality, and social class, among other forms of hierarchical difference.

Students majoring in ethnicity and race studies may focus their work on specific groups, such as Asian Americans, Latino/a, or Native Americans/Indigenous; or a comparative study of how race and ethnicity are formed and how conceptions of race and ethnicity transform and change over time and place. Students also have the option of designing an individualized course of study, which may encompass a wide variety of themes. Among the most studied are those involving the relationship between race, ethnicity and law; health; human rights; urban spaces; cultural production; visual culture; and the environment.

Due to its rigorous curriculum, which trains students in theory, history, and a wide range of modes of inquiry, the major enables students to follow multiple directions after graduation. According to our internal surveys, nearly half of CSER students continue to Ph.D. programs in history, anthropology, and ethnic studies, among other areas. A second significant number of

students continue on to professions most notably related to law, public policy, medicine, human rights, community organizing, journalism, and the environment.

STUDY ABROAD

Students are encouraged to participate in study abroad programs, as they represent an exciting opportunity to learn new languages and live in countries that are germane to their areas of study. In addition, traveling abroad can enrich every student's intellectual experience by providing an opportunity to learn about other perspectives on ethnicity and race.

In summer 2017 CSER, together with Columbia's Office of Global Programs (OGP) launched a pilot summer program in Mexico City in collaboration with the Centro de Investigación y Docencia Económicas--CIDE, a leading institution of higher education with a focus in the social sciences. The program consists of an intensive 5-week CSER core course, "Colonization-Decolonization," visits to various historical colonial sites and a field trip to Oaxaca. Professors Claudio Lomnitz and Manan Ahmed jointly taught the class. Eleven Columbia students participated in this exchange. For more information about the CSER 2018 Global Program in Mexico, please contact cser@columbia.edu

In the past, students have also participated in study abroad programs in Australia, Dominican Republic, Mexico, and South Africa. To ensure that study abroad complements the major and integrates effectively with the requirements of the major, students are encouraged to consult with CSER's undergraduate adviser as early in their academic program as possible. The director of undergraduate studies can advise students on what may be exciting programs for their areas.

DEPARTMENTAL HONORS

CSER majors may choose to write and/or produce an honors project. The senior thesis gives undergraduate majors the opportunity to engage in rigorous, independent, and original research on a specific topic of their choosing. If a monograph, the honors thesis is expected to be 35-50 pages in length. Honors projects can also take other forms, such as video or websites. These projects also require a written component, but of a shorter length than the traditional thesis. During their senior year, honors students perform research as part of [CSER UN3990 Senior Project Seminar](#). Senior projects are due in early April. The Honors Thesis is an excellent option for any student interested in pursuing a Master's degree or Ph.D. Students should consult with their [director of undergraduate studies](#) no later than the beginning of the first term of their senior year if they wish to be considered for departmental honors. Students who are awarded departmental honors are notified by their department in mid-May.

In order to qualify for departmental honors, students must satisfy all the requirements for the major, maintain a GPA of at least 3.6 in the major, and complete a high quality honors project. In addition, each student is expected to meet

periodically with his or her supervising project adviser and preceptor. Although the senior thesis is a prerequisite for consideration for departmental honors, all Ethnicity and Race studies majors are strongly encouraged to consider undertaking thesis work even if they do not wish to be considered for departmental honors.

CORE FACULTY AND EXECUTIVE COMMITTEE

Sayantani DasGupta (CSER, Professional Studies)
 Jennifer Lee (Sociology)
 Catherine Fennel (Anthropology)
 Karl Jacoby CSER Co-Director (History) - ON LEAVE AY21-22
 Claudio Lomnitz (Anthropology)
 Frances Negrón-Muntaner (English and Comparative Literature) -ON LEAVE FALL 2021
 Mae Ngai CSER Co-Director (History)
 Ana Maria Ochoa (Ethnomusicology)
 Deborah Paredez (CSER and Professional Practice)
 Audra Simpson (Anthropology)
[Mariana Souto-Manning](#) (TC Professor of Education)
 Kevin Fellezs (Ethnomusicology and IRAAS)

AFFILIATED FACULTY

Rachel Adams
 Associate Professor, Department of English and Comparative Literature
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Carlos Alonso
 Morris A. & Alma Schapiro Professor in the Humanities, Department of Spanish and Portuguese
[View Profile](#)

Vanessa Agard-Jones
 Assistant Professor, Department of Anthropology
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Christina Duffy-Ponsa
 Associate Professor of Law, Columbia Law School
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Nadia Abu El-Haj
 Professor of Anthropology

Kevin Fellezs
 Assistant Professor, Music Department/Institute for Research in African American Studies
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Kaiama L. Glover
 Associate Professor, French Department /African Studies Program, Barnard College
[View Profile](#)

Steven Gregory
Associate Professor of Anthropology and African-American
Studies, Department of Anthropology and Institute for Research
in African-American Studies
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Frank Guridy
Associate Professor of History
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Kim Hall
Professor, Department of English, Barnard College
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Jill Hill
Assistant Professor of Psychology and Education, Department
of Counseling & Clinical Psychology, Teachers College
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Jean Howard
George Delacorte Professor in the Humanities, Department of
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Professor of Korean Studies

Elizabeth Hutchinson
Associate Professor of Art History, Barnard
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George Lewis
Edwin H. Case Professor of Music, Department of Music
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Ana Paulina Lee
Assistant Professor of Luso-Brazilian Studies, Department of
Latin American and Iberian Cultures
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Natasha Lightfoot
Associate Professor of History

Celia Naylor
Associate Professor, Department of History and Africana
Studies, Barnard College
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Associate Professor, Department of English and Comparative
Literature
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Gray Tuttle
Leila Hadley Luce Associate Professor of Modern Tibetan
Studies

Christopher Washburne
Associate Professor, Department of Ethnomusicology
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MAJOR IN ETHNICITY AND RACE STUDIES

The requirements for this program were modified on March 2022. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The major in ethnicity and race studies consists of a minimum of 27 points. All majors are required to take three core courses as listed below:

			Points
Core Courses			
1.			
CSER UN1010	INTRO TO COMP ETHNIC STUDIES (or)		4.00
2.			
CSER UN3928	COLONIZATION/ DECOLONIZATION		4.00
OR			
CSER UN3942	RACE AND RACISMS		4.00
3.			
CSER UN3919	MODES OF INQUIRY		4.00
Specialization			
All majors will select one of the areas of specialization listed below from which to complete their remaining coursework:			
Asian American studies			
Comparative ethnic studies			
Latino/a studies			
Native American/Indigenous studies			
Individualized courses of study			

Majors who elect NOT to follow the Honors track must complete at least five CSER elective courses, in consultation with their major adviser, within their area of specialization. At least one of these electives must be a writing-intensive seminar (3000 or above level courses must be chosen within the department). Majors who elect to follow the Honors track must complete at least four CSER elective courses, in consultation with their major adviser, within their area of specialization.

Honors

In lieu of a fifth elective, Honors majors are required to enroll in the following course in the spring semester of their senior year, during which they are required to write a thesis:

CSER UN3990	SENIOR PROJECT SEMINAR	4
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Honors majors are required to present their senior essays at the annual undergraduate symposium in April. Students may fulfill this option in one of the following two ways:

1. By matriculating in the Senior Thesis course and writing the thesis under the supervision of the course faculty.
2. By taking an additional 4-point seminar where a major paper is required and further developing the paper into a thesis length work (minimum of 30 pages) under the supervision of a CSER faculty member.

Language Courses

- One of the following is highly recommended, although not required for the major:

- One course beyond the intermediate-level in language pertinent to the student's focus
- An introductory course in a language other than that used to fulfill the degree requirements, but that is pertinent to the student's focus
- A linguistics or other course that critically engages language
- An outside language and study abroad programs that include an emphasis on language acquisition

CONCENTRATION IN ETHNICITY AND RACE STUDIES

The requirements for this program were modified on March 2022. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The concentration in ethnicity and race studies requires a minimum of 19 points. Students take two core courses (may choose between CSER UN1010 and CSER UN1040) and four elective courses, one of which must be a seminar:

Core Courses

The concentration in ethnicity and race studies requires a minimum of 19 points. All students who choose a concentration are required to take two core course as listed below:

- 1.

CSER UN1010	INTRO TO COMP ETHNIC STUDIES (or)	4
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2.

CSER UN3928	COLONIZATION/ DECOLONIZATION	4
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OR

CSER UN3942	RACE AND RACISMS	4
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Specialization

Students must complete at least four courses, in consultation with their major adviser, in one of the following areas of specialization. At least one of the elective courses must be a seminar.

- Asian American studies
- Comparative ethnic studies
- Latino/a studies
- Native American/Indigenous studies
- Individualized courses of study

FALL 2022

Ethnicity and Race Studies

CSER UN1010 INTRO TO COMP ETHNIC STUDIES.

4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Students MUST register for a Discussion Section.

Introduction to the field of comparative ethnic studies

Fall 2022: CSER UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1010	001/13503	T Th 1:10pm - 2:25pm 330 Uris Hall	Shana Redmond	4.00	25/30
CSER 1010	002/13667	M W 11:40am - 12:55pm 233 Seeley W. Mudd Building	Bahia Munem	4.00	24/30
CSER 1010	003/20759	F 12:00pm - 1:00pm 420 Hamilton Hall	Hannah Bruno	4.00	0/15
CSER 1010	003/20759	Th 4:00pm - 5:00pm 420 Hamilton Hall	Hannah Bruno	4.00	0/15
CSER 1010	004/20760	F 10:00am - 11:00am 420 Hamilton Hall	Carolyn Lau	4.00	0/15
CSER 1010	004/20760	F 9:00am - 10:00am 420 Hamilton Hall	Carolyn Lau	4.00	0/15

Spring 2023: CSER UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1010	001/14984	T Th 1:10pm - 2:25pm 703 Hamilton Hall	Shana Redmond	4.00	29/30

CSER UN1040 CRIT APPRO-STUDY OF ETH # RACE.

3.00 points.

This course provides an introduction to central approaches and concepts animating the investigation of race and ethnicity. We will not treat either of these categories of difference as a given, nor as separable from other axes of social difference. Rather, we will apply an interdisciplinary and intersectional framework

Points

to illuminate how these concepts have come to emerge and cohere within a number of familiar and less familiar socio-cultural and historical contexts. We will consider how racial and ethnic differentiation as fraught but powerful processes have bolstered global labor regimes and imperial expansion projects; parsed, managed, and regulated populations; governed sexed and gendered logics of subject and social formation; and finally, opened and constrained axes of self-understanding, political organization, and social belonging. Special attention will be given to broadening students understanding of racial and ethnic differentiation beyond examinations of identity. Taken together, theoretical and empirical readings, discussions, and outside film screenings will prepare students for further coursework in race and ethnic studies, as well as fields such as literary studies, women's studies, history, sociology, and anthropology

CSER UN1111 INTRO TO COMP ETHNIC STUDIES DS. 0.00 points.

CSER UN3490 POST 9/11 IMMIGRATION POLICIES. 4.00 points.

Since September 11, 2001, there has been an avalanche of immigration enforcement policies and initiatives proposed or implemented under the guise of national security. This course will analyze the domino effect of the Patriot Act, the Absconder Initiative, Special Registration, the Real I.D. Act, border security including the building of the 700-mile fence along the U.S./Mexico border, Secured Communities Act-that requires the cooperation of state and local authorities in immigration enforcement, the challenge to birthright citizenship, and now the congressional hearings on Islamic radicalization. Have these policies been effective in combating the war on terrorism and promoting national security? Who stands to benefit from these enforcement strategies? Do immigrant communities feel safer in the U.S.? How have states joined the federal bandwagon of immigration enforcement or created solutions to an inflexible, broken immigration system?

Fall 2022: CSER UN3490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3490	001/13672	Th 10:10am - 12:00pm 301m Fayerweather	Elizabeth OuYang	4.00	24/22

CSER UN3919 MODES OF INQUIRY. 4.00 points.

Corequisites: CSER UN3921

Corequisites: CSER UN3921 This class, a combination of a seminar and a workshop, will prepare students to conduct, write up, and present original research. It has several aims and goals. First, the course introduces students to a variety of ways of thinking about knowledge as well as to specific ways of knowing and making arguments key to humanistic and social science fields. Second, this seminar asks students to think critically about the approaches they employ in pursuing their research. The course will culminate in a semester project, not a fully executed research project, but rather an 8-10 page proposal for research that will articulate a question, provide basic background on the context that this question is situated

in, sketch preliminary directions and plot out a detailed methodological plan for answering this question. Students will be strongly encouraged to think of this proposal as related to their thesis or senior project. Over the course of the semester, students will also produce several short exercises to experiment with research techniques and genres of writing

Fall 2022: CSER UN3919

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3919	001/11568	W 12:10pm - 2:00pm 420 Hamilton Hall	Sayantani DasGupta	4.00	17/18

CSER UN3922 RACE#REPRESENTATION IN ASIAN AMER CINEMA. 4.00 points.

Enrollment limited to 22.

This seminar focuses on the critical analysis of Asian representation and participation in Hollywood by taking a look at how mainstream American cinema continues to essentialize the Asian and how Asian American filmmakers have responded to Hollywood Orientalist stereotypes. We will analyze various issues confronting the Asian American, including yellowface, white patriarchy, male and female stereotypes, the "model minority" myth, depictions of "Chinatowns," panethnicity, the changing political interpretations of the term Asian American throughout American history, gender and sexuality, and cultural hegemonies and privileging within the Asian community

Fall 2022: CSER UN3922

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3922	001/11572	Th 4:10pm - 6:00pm 507 Philosophy Hall	Eric Gamalinda	4.00	22/22

CSER UN3926 LATIN MUSIC AND IDENTITY. 4.00 points.

Latin music has had a historically strained relationship with mainstream music tastes, exploding in occasional boom periods, and receding into invisibility in others. What if this were true because it is a space for hybrid construction of identity that directly reflects a mixture of traditions across racial lines in Latin America? This course will investigate Latin musics transgression of binary views of race in Anglo-American society, even as it directly affects the development of pop music in America. From New Orleans jazz to Texas corridos, salsa, rock, and reggaeton, Latin music acts as both as a soundtrack and a structural blueprint for the 21st century's multicultural experiment. There will be a strong focus on studying Latin musics political economy, and investigating the story it tells about migration and globalization

Fall 2022: CSER UN3926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3926	001/11573	T 2:10pm - 4:00pm 315 Hamilton Hall	Edward Morales	4.00	24/22

CSER UN3928 COLONIZATION/DECOLONIZATION. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Enrollment limited to 22.

Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructor's permission.

Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructors permission.

This course explores the centrality of colonialism in the making of the modern world, emphasizing cross-cultural and social contact, exchange, and relations of power; dynamics of conquest and resistance; and discourses of civilization, empire, freedom, nationalism, and human rights, from 1500 to 2000. Topics include pre-modern empires; European exploration, contact, and conquest in the new world; Atlantic-world slavery and emancipation; and European and Japanese colonialism in Asia, Africa, and the Middle East. The course ends with a section on decolonization and post-colonialism in the period after World War II. Intensive reading and discussion of primary documents

Fall 2022: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/11569	T 10:10am - 12:00pm 602 Lewisohn Hall	Karl Jacoby	4.00	23/22
CSER 3928	002/11570	T 2:10pm - 4:00pm 609 Hamilton Hall	Natasha Lightfoot	4.00	19/20

Spring 2023: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/10147	W 10:10am - 12:00pm 602 Northwest Corner	Czarina Thelen	4.00	22/22
CSER 3928	002/14981	Th 4:10pm - 6:00pm 301m Fayerweather Crane	Emma	4.00	22/22

CSER UN3964 Maya Guatemala-Neoliberalism # Resistance. 4.00 points.

Guatemala's recurrent history of Indigenous genocide is closely linked to U.S. interventions. Meanwhile, Maya organizing in Guatemala has helped spearhead Indigenous political visibility globally. This course examines socio-historical dynamics that have shaped Indigenous Guatemala to better understand current crises like migration and postwar violence. We study settler colonialism; Maya land dispossession and labor exploitation; U.S. corporate imperialism via banana republics; Maya autonomy efforts; Maya intellectuals, populist organizing, and the guerrilla revolutionary movement; racism and postwar multiculturalism; genocidal military counterinsurgency; sexual violence and femicide; the social impacts of Guatemalan and U.S. Catholicism and Evangelicalism; postwar neoliberal restructuring; and the rise of the narco-state and resource extraction on Indigenous territories. We will look at contemporary postwar issues of political disillusionment, militarized "war by other means," conflicts between Indigenous communities and environmental conservationists, gender and the recovery of Indigenous law and anti-GMO organizing involving Native seed banks. We pay

special attention to Indigenous political action as resistance to highly oppressive regimes of terror

Fall 2022: CSER UN3964

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3964	001/16008	W 10:10am - 12:00pm 609 Hamilton Hall	Czarina Thelen	4.00	10/22

CSER GU4000 INTRO TO AMERICAN STUDIES. 3 points.

See department for course description

CSER GU4360 AMER DIVA:RACE,GDNR#PERFMNC. 4.00 points.

What makes a diva a diva? How have divas shaped and challenged our ideas about American culture, performance, race, space, and capital during the last century? This seminar explores the central role of the diva—the celebrated, iconic, and supremely skilled female performer—in the fashioning and re-imagining of racial, gendered, sexual, national, temporal, and aesthetic categories in American culture. Students in this course will theorize the cultural function and constitutive aspects of the diva and will analyze particular performances of a range of American divas from the 20th and 21st centuries and their respective roles in (re)defining American popular culture

Fall 2022: CSER GU4360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4360	001/13643	T 10:10am - 12:00pm 420 Hamilton Hall	Deborah Paredes	4.00	15/15

Ecology, Evolution, and Environmental Biology

EEEB GU4321 HUM NATURE:DNA,RACE # IDENTITY. 4.00 points.

The course focuses on human identity, beginning with the individual and progressing to communal and global viewpoints using a framework of perspectives from biology, genetics, medicine, psychiatry, religion and the law

Fall 2022: EEEB GU4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/12540	W 2:10pm - 4:00pm 309 Hamilton Hall	Robert Pollack, Marya Pollack	4.00	17/20

SPRING 2023

Ethnicity and Race Studies

CSER UN1010 INTRO TO COMP ETHNIC STUDIES. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Students MUST register for a Discussion Section.

Introduction to the field of comparative ethnic studies

Fall 2022: CSER UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1010	001/13503	T Th 1:10pm - 2:25pm 330 Uris Hall	Shana Redmond	4.00	25/30
CSER 1010	002/13667	M W 11:40am - 12:55pm 233 Seeley W. Mudd Building	Bahia Munem	4.00	24/30
CSER 1010	003/20759	F 12:00pm - 1:00pm 420 Hamilton Hall	Hannah Bruno	4.00	0/15
CSER 1010	003/20759	Th 4:00pm - 5:00pm 420 Hamilton Hall	Hannah Bruno	4.00	0/15
CSER 1010	004/20760	F 10:00am - 11:00am 420 Hamilton Hall	Carolyn Lau	4.00	0/15
CSER 1010	004/20760	F 9:00am - 10:00am 420 Hamilton Hall	Carolyn Lau	4.00	0/15

Spring 2023: CSER UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1010	001/14984	T Th 1:10pm - 2:25pm 703 Hamilton Hall	Shana Redmond	4.00	29/30

CSER UN1011 INTRO ASIAN AMERICAN STUDIES. 4.00 points.

This course provides an overview of Asian/ Pacific American history from the late 18th Century until the present day. The course follows a thematic format that begins with European and American empires in Asia and the Pacific. The course surveys significant and interrelated topics -- including anti-Asian movements, immigration and exclusion, various forms of resistance, Orientalism, media representations, the model minority myth, the Asian American movement, identity, and racial, ethnic, and generational conflicts -- in Asian/ Pacific American history of the 19th and 20th Centuries. Each of these concepts and topics will resonant, in various expressions and forms, well into the 21st Century and beyond

Fall 2022: CSER UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1011	001/11571	T 2:10pm - 4:00pm 420 Hamilton Hall	Mae Ngai	4.00	13/15

CSER UN1601 INTRODUCTION TO LATINO STUDIES. 3.00 points.

Enrollment limited to 101.

This course provides an introductory, interdisciplinary discussion of the major issues surrounding this nations Latino population. The focus is on social scientific perspectives utilized by scholars in the field of Latino Studies. Major demographic, social, economic, and political trends are discussed. Key topics covered in the course include: the evolution of Latino identity and ethnicity; the main Latino sub-populations in the United States; the formation of Latino communities in the United States; Latino immigration; issues of race and ethnicity within the Latino population; socioeconomic status and labor force participation of Latinos; Latino social

movements; and the participation of Latinos in U.S. civil society

Fall 2022: CSER UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1601	001/13873	Th 2:10pm - 4:00pm 420 Hamilton Hall	Frances Negron-Muntaner	3.00	18/15

CSER UN3701 LATINX RACIAL IDENTITY # CULTURAL PRODUCTION. 4.00 points.

Enrollment limited to 22.

The course will investigate the impact of racial identity among Latinx in the U.S. on cultural production of Latinos in literature, media, politics and film. The seminar will consider the impact of bilingualism, shifting racial identification, and the viability of monolithic terms like Latinx. We will see how the construction of Latinx racial identity affects acculturation in the U.S., with particular attention to hybrid identities and the centering of black and indigenous cultures. Examples will be drawn from different Latinx ethnicities from the Caribbean, Mexico and the rest of Latin America

Spring 2023: CSER UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3701	001/10002	T 2:10pm - 4:00pm 1102 International Affairs Bldg	Edward Morales	4.00	19/22

CSER UN3905 ASIAN AMERICAN # PSYCH OF RACE. 4.00 points.

This seminar provides an introduction to mental health issues for Asian Americans. In particular, it focuses on the psychology of Asian Americans as racial/ethnic minorities in the United States by exploring a number of key concepts: immigration, racialization, prejudice, family, identity, pathology, and loss. We will examine the development of identity in relation to self, family, college, and society. Quantitative investigation, qualitative research, psychology theories of multiculturalism, and Asian American literature will also be integrated into the course

CSER UN3928 COLONIZATION/DECOLONIZATION. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 22.

Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructor's permission.
Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructors permission.
This course explores the centrality of colonialism in the making of the modern world, emphasizing cross-cultural and social contact, exchange, and relations of power; dynamics of conquest and resistance; and discourses of civilization, empire, freedom, nationalism, and human rights, from 1500 to 2000. Topics include pre-modern empires; European exploration, contact, and conquest in the new world; Atlantic-world slavery and emancipation; and European and Japanese colonialism

in Asia, Africa, and the Middle East. The course ends with a section on decolonization and post-colonialism in the period after World War II. Intensive reading and discussion of primary documents

Fall 2022: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/11569	T 10:10am - 12:00pm 602 Lewisohn Hall	Karl Jacoby	4.00	23/22
CSER 3928	002/11570	T 2:10pm - 4:00pm 609 Hamilton Hall	Natasha Lightfoot	4.00	19/20

Spring 2023: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/10147	W 10:10am - 12:00pm 602 Northwest Corner	Czarina Thelen	4.00	22/22
CSER 3928	002/14981	Th 4:10pm - 6:00pm 301m Fayerweather	Emma Crane	4.00	22/22

CSER UN3940 COMP STUDY OF CONSTITUTNL CHAL. 4.00 points.

This course will examine how the American legal system decided constitutional challenges affecting the empowerment of African, Latino, and Asian American communities from the 19th century to the present. Focus will be on the role that race, citizenship, capitalism/labor, property, and ownership played in the court decision in the context of the historical, social, and political conditions existing at the time. Topics include the denial of citizenship and naturalization to slaves and immigrants, government sanctioned segregation, the struggle for reparations for descendants of slavery, and Japanese Americans during World War II

Spring 2023: CSER UN3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3940	001/10000	Th 10:10am - 12:00pm 301m Fayerweather	Elizabeth OuYang	4.00	22/22

CSER UN3942 RACE AND RACISMS. 4.00 points.

In this class we will approach race and racism from a variety of disciplinary and intellectual perspectives, including: critical race theory/philosophy, anthropology, history and history of science and medicine. We will focus on the development and deployment of the race concept since the mid-19th century. Students will come to understand the many ways in which race has been conceptualized, substantiated, classified, managed and observed in the (social) sciences, medicine, and public health. We will also explore the practices and effects of race (and race-making) in familiar and less familiar social and political worlds. In addition to the courses intellectual content, students will gain critical practice in the seminar format -- that is, a collegial, discussion-driven exchange of ideas

Fall 2022: CSER UN3942

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3942	001/11603	Th 10:10am - 12:00pm	Catherine Fennell	4.00	12/22

201 80 Claremont

Spring 2023: CSER UN3942

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3942	001/14982	T 10:10am - 12:00pm 420 Hamilton Hall	Bahia Munem	4.00	13/15

CSER UN3964 Maya Guatemala-Neoliberalism # Resistance. 4.00 points.

Guatemala's recurrent history of Indigenous genocide is closely linked to U.S. interventions. Meanwhile, Maya organizing in Guatemala has helped spearhead Indigenous political visibility globally. This course examines socio-historical dynamics that have shaped Indigenous Guatemala to better understand current crises like migration and postwar violence. We study settler colonialism; Maya land dispossession and labor exploitation; U.S. corporate imperialism via banana republics; Maya autonomy efforts; Maya intellectuals, populist organizing, and the guerrilla revolutionary movement; racism and postwar multiculturalism; genocidal military counterinsurgency; sexual violence and femicide; the social impacts of Guatemalan and U.S. Catholicism and Evangelicalism; postwar neoliberal restructuring; and the rise of the narco-state and resource extraction on Indigenous territories. We will look at contemporary postwar issues of political disillusionment, militarized "war by other means," conflicts between Indigenous communities and environmental conservationists, gender and the recovery of Indigenous law and anti-GMO organizing involving Native seed banks. We pay special attention to Indigenous political action as resistance to highly oppressive regimes of terror

Fall 2022: CSER UN3964

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3964	001/16008	W 10:10am - 12:00pm 609 Hamilton Hall	Czarina Thelen	4.00	10/22

CSER UN3990 SENIOR PROJECT SEMINAR. 4.00 points.

The Senior Paper Colloquium will focus primarily on developing students ideas for their research projects and discussing their written work. The course is designed to develop and hone the skills necessary to complete the senior paper. Students will receive guidance in researching for and writing an advanced academic paper. Conducted as a seminar, the colloquium provides the students a forum in which to discuss their work with each other. The CSER preceptor, who facilitates the colloquium, will also provide students with additional academic support, supplementary to the advice they receive from their individual faculty sponsors. While most of the course will be devoted to the students work, during the first weeks of the term, students will read and discuss several ethnic studies-oriented texts to gain insight into the kinds of research projects done in the field

Spring 2023: CSER UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CSER 3990 001/14986 W 12:10pm - 2:00pm Darius Echeverria 4.00 13/15
420 Hamilton Hall

CSER GU4350 CINEMA OF SUBVERSION. 4.00 points.

Russian filmmaker Andre Tarkovsky said that “the artist has no right to an idea in which he is not socially committed.” Argentine filmmaker Fernando Solanas and Spanish-born Octavio Getino postulated an alternative cinema that would spur spectators to political action. In this course we will ask the question: How do authoritarian governments influence the arts, and how do artists respond? We will study how socially committed filmmakers have subverted and redefined cinema aesthetics to challenge authoritarianism and repression. In addition, we will look at how some filmmakers respond to institutional oppression, such as poverty and corruption, even within so-called “free” societies. The focus is on contemporary filmmakers but will also include earlier classics of world cinema to provide historical perspective. The course will discuss these topics, among others: What is authoritarianism, what is totalitarianism, and what are the tools of repression within authoritarian/totalitarian societies? What is Third Cinema, and how does it represent and challenge authoritarianism? How does film navigate the opposition of censorship, propaganda and truth? How do filmmakers respond to repressive laws concerning gender and sexual orientation? How do they deal with violence and trauma? How are memories of repressive regimes reflected in the psyche of modern cinema? And finally, what do we learn about authority, artistic vision, and about ourselves when we watch these films?

Spring 2023: CSER GU4350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 4350	001/10001	Th 4:10pm - 6:00pm 613 Hamilton Hall	Eric Gamalinda	4.00	20/22

CSER GR5001 METHODS IN AMERICAN STUDIES. 4.00 points.

Conceived in the 1920's and 1930's, American Studies sought to make a synoptic account of the “national character.” Since the 1960's, the field has turned towards a focus on various forms of inequality as the dark side of American exceptionalism. This course surveys the development of the field's current preoccupations, covering a range of periods, regions, groups, and cultural practices that present productive problems for generalizations about U.S. identity. We begin with the first academic movement in American Studies, the myth and symbol school—and think through its growth in the context of post-WWII funding for higher education. We then move on to a series of debates centered at intersections of race, ethnicity, gender, and sexuality. We'll close by examining the historical background of protest movements built around the identitarian concerns about rape culture and mass incarceration

FILM AND MEDIA STUDIES

Departmental Office: 513 Dodge; 212-854-2815
<http://arts.columbia.edu/film>

Director of Undergraduate Studies: Prof. Robert King, Tuesday 9-12, Dodge 601C or <https://columbiauniversity.zoom.us/j/2037291445>

The major in film studies is scholarly, international in scope, and writing-intensive. Students choose to major in film if they want to learn more about the art form, from technology to cultural significance; want to work in the film industry; or are interested in a major that combines arts and humanities.

Students usually declare the major toward the end of the second year by meeting with the departmental adviser; together, they create a program of twelve required courses within the major, often supplemented by courses outside the department. In the lecture classes and seminars, there tends to be a mixed population of undergraduate majors and graduate film students.

Students have the opportunity to gain additional experience by taking advantage of internship opportunities with film companies, working on graduate student films, and participating in the Columbia Undergraduate Film Productions (CUFP), an active, student-run organization that provides film-making experience to Columbia undergraduate producers and directors. In addition to careers in screenwriting, directing, and producing, alumni have gone on to work in film distribution, publicity, archives, and festivals, and to attend graduate school to become teachers and scholars.

The trajectory of the major is from introductory-level courses (three are required), to intermediate and advanced-level courses (two are required, plus seven electives). While film studies majors take workshops in screenwriting and film-making, the course of study is rooted in film history, theory, and culture.

The prerequisite for all classes is *INTRO TO FILM # MEDIA STUDIES (FILM UN1000)* offered each term at Columbia as well as at Barnard, and open to first-year students. Subsequently, majors take a combination of history survey courses; workshops (“Labs”); and advanced classes in theory, genre study, national cinemas, auteur study, and screenwriting.

The educational goal is to provide film majors with a solid grounding in the history and theory of film; its relation to other forms of art; and its synthesis of visual storytelling, technology, economics, and sociopolitical context, as well as the means to begin writing a script and making a short film.

Students who wish to graduate with honors must take the *SENIOR SEMINAR IN FILM STUDIES (FILM UN3900)*, writing a thesis that reflects mastery of cinematic criticism. The essay is submitted after the winter break. Students decide upon

the topic with the professor and develop the essay during the fall semester.

Since film courses tend to be popular, it is imperative that students attend the first class. Registration priority is usually given to film majors and seniors.

DEPARTMENTAL HONORS

In order to qualify for departmental honors, students must have a GPA of 3.75 in the major and distinction in their overall achievements in film study. Students who take FILM UN3900 Senior Seminar in Film Studies automatically enter consideration for honors; however, the class is not a requirement for honors.

FACULTY

Vito Adriaenssens
Nico Baumbach
Loren-Paul Caplin
Jane Gaines
Racquel Gates
Ronald Gregg
Annette Insdorf
Caryn James
Robert King
Jason LaRiviere
Benjamin Leonberg
Richard Peña
James Schamus

MAJOR IN FILM & MEDIA STUDIES

The major in film studies requires a minimum of 36 points distributed as follows:

Introductory Courses

FILM UN1000	INTRO TO FILM # MEDIA STUDIES (The summer class Introduction to the Study and Theory of Film also satisfies this requirement.)
FILM GU4000	FILM AND MEDIA THEORY (This is an advanced class that students are recommended to take in their junior year. It is only offered in the Fall.)

Cinema History Courses

Select two of the following courses, one of which must either be FILM UN2010 or FILM UN2020:

FILM UN2010	CINEMA HIST I: BEGIN-1930
FILM UN2020	CINEMA HIST II: 1930-1960
FILM UN2030	CINEMA HIST III: 1960-1990
FILM UN2040	CINEMA HISTORY IV: AFTER 1990

Laboratories

Select one of the following courses:

FILM UN2410	LAB IN WRITING FILM CRITICISM
FILM UN2510	LAB IN FICTION FILMMAKING
FILM UN2420	LABORATORY IN SCREENWRITING
FILM UN2520	LAB IN NONFICTION FILMMAKING

Electives

Students take seven elective classes of their choosing. Electives commonly offered at Columbia include, but are not limited to, the following:

FILM UN2130	American Film: Comedy
FILM UN2132	American Film: Cult # Exploitation
FILM UN2134	American Film: The Western
FILM UN2136	American Film: Film Noir
FILM UN2290	Topics in World Cinema: Arab and Africa
FILM UN2292	Topics in World Cinema: China
FILM UN2294	World Cinema: Latin America
FILM UN2310	THE DOCUMENTARY TRADITION
FILM UN3010	AUTEUR STUDY
FILM UN3013	Auteur Studies: Chantal Akerman's Cinema, Writing and Moving Images
FILM UN3900	SENIOR SEMINAR IN FILM STUDIES
FILM UN3910	Senior Seminar in Filmmaking
FILM UN3920	SENIOR SEM IN SCREENWRITING
FILM UN3925	NARRATIVE STRAT-SCREENWRITING
FILM UN3950	SEMINAR IN MEDIA: SERIALITY
FILM GU4020	Brazilian Cinema: Cinema Novo and Beyond
FILM GU4294	World Cinema: Latin America
FILM GU4320	New Directions in Film and Philosophy
FILM GU4300	Black Film and Media
FILM GU4310	EXPERIMENTAL FILM # MEDIA
FILM GU4910	Seeing Narrative
FILM GU4940	QUEER CINEMA
FILM GU4953	Reality Television

NOTES:

- Outside of the required classes, most undergraduate courses offered through the Columbia or Barnard Film and Media Studies majors will count as an elective, including summer classes. Please confirm with the Director of Undergraduate Studies.

- Film- or media-related classes from other departments can count as electives only with prior DUS approval.
- There is a cap of FOUR classes in screenwriting or filmmaking that can be applied toward the major.
- Cinema History or Lab classes taken in excess of the above requirements roll over as electives (e.g., if you take two labs, one will count as one of your seven electives).

FILM UN1000 INTRO TO FILM # MEDIA STUDIES. 3.00 points.

Lecture and discussion. Priority given to declared film majors. Fee: \$75.

Prerequisites: Discussion section FILM UN1001 is a required corequisite

This course serves as an introduction to the study of film and related visual media, examining fundamental issues of aesthetics (mise-en-scene, editing, sound), history (interaction of industrial, economic, and technological factors), theory (spectatorship, realism, and indexicality), and criticism (auteurist, feminist, and genre-based approaches). The course also investigates how digital media change has been productive of new frameworks for moving image culture in the present.

Discussion section FILM UN1001 is a required corequisite

Fall 2022: FILM UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 1000	001/12694	T 1:10pm - 2:25pm Kob Lenfest Center For The Arts	Racquel Gates	3.00	94/100
FILM 1000	001/12694	Th 1:10pm - 3:55pm Kob Lenfest Center For The Arts	Racquel Gates	3.00	94/100

Spring 2023: FILM UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 1000	001/12497	M 10:10am - 11:25am Kob Lenfest Center For The Arts	Robert King	3.00	84/100
FILM 1000	001/12497	W 10:10am - 12:50pm Kob Lenfest Center For The Arts	Robert King	3.00	84/100
FILM 1000	AU1/18566	M 10:10am - 11:25am Othr Other	Robert King	3.00	11/12
FILM 1000	AU1/18566	W 10:10am - 12:25pm Othr Other	Robert King	3.00	11/12

FILM UN1010 Genre Study. 3 points.

Fee: Course Fee - 75

Prerequisites: This lecture course will have 3 discussion sections, capped at 20, listed as UN 1011 Genre Study - Disc. There will also be a film screening, scheduled immediately after one of the lecture sessions.

This course examines how globalization and the global success of American blockbuster films have affected Hollywood film production, stardom, distribution, and exhibition. The course

will analyze blockbuster aesthetics, including aspects of special effects, 3-D, sound, narration, genre, and editing. We will also study the effects of new digital technologies on Hollywood and the cross-pollination among Hollywood, art house, and other national cinemas. Finally, we will examine the effects of 9/11, the "war on terrorism," climate change and other global concerns on marketing, aesthetics and other aspects of this cinema

FILM UN2010 CINEMA HIST I: BEGIN-1930. 3.00 points.

This course rethinks the birth of cinema; from the vantage of when old media was new.; Following standard approaches, it moves from actualities to fiction, from the cinema of attractions; to narrative, from the cinematographe to cinema, from cottage industry to studio system. Units in silent film music, early genres, film piracy and copyright, word and moving image, and restoration--the film archivists dilemma in the digital era. FILM W2011

Spring 2023: FILM UN2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2010	001/12502	F 10:00am - 1:45pm Kob Lenfest Center For The Arts	Vito Adriaenssens	3.00	48/55

FILM UN2020 CINEMA HIST II: 1930-1960. 3.00 points.

This course examines major developments and debates in the history of cinema between 1930 and 1960, from the consolidation of the classic Hollywood studio system in the early sound era to the articulation of emergent new waves; and new critical discourses in the late 1950s. Our approach will be interdisciplinary in scope, albeit with an emphasis on social and cultural history - concerned not only with how movies have developed as a form of art and medium of entertainment, but also with cinemas changing function as a social institution. Discussion section FILM UN 2021 is a required co-requisite

Fall 2022: FILM UN2020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2020	001/12713	W 2:10pm - 3:25pm Kob Lenfest Center For The Arts	Richard Pena	3.00	49/55
FILM 2020	001/12713	M 2:10pm - 4:55pm Kob Lenfest Center For The Arts	Richard Pena	3.00	49/55

FILM UN2030 CINEMA HIST III:1960-1990. 3.00 points.

By closely watching representative classics from countries including Italy, Poland, Russia and Argentina, we will study the distinctive trends and masters of this vibrant era. Special attention will be paid to the French New Wave (60s); the New German Cinema (70s); the reformulation of Hollywood studio filmmaking in the 70s (Altman, Cassavetes, Coppola), and the rise of the independent American cinema (80s). Discussion section FILM UN 2031 is a required co-requisite

Fall 2022: FILM UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2030	001/12722	Th 2:10pm - 6:00pm 511 Dodge Building	Annette Insdorf	3.00	51/60

FILM UN2040 CINEMA HISTORY IV: AFTER 1990. 3.00 points.

This course brings our survey of the development of the art, technology, and industry of motion images up to the present. During this era, most people no longer watched movies (perhaps the most neutral term) in theaters, and digital technology came to dominate every aspect of production, distribution, and exhibition. Highlighted filmmakers include Michael Haneke, Lars von Trier, Wong Kar-wei, and Steve McQueen. Topics range from contemporary horror to animation. Requirements: short (2-3 pages) papers on each film shown for the class and a final, take-home exam. FILM W2041
Spring 2023: FILM UN2040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2040	001/12508	W 2:10pm - 3:25pm Kob Lenfest Center For The Arts	Richard Pena	3.00	59/70
FILM 2040	001/12508	M 2:10pm - 4:55pm Kob Lenfest Center For The Arts	Richard Pena	3.00	59/70

FILM UN2190 TOPICS IN AMERICAN CINEMA. 3.00 points.

This course surveys the American film genre known as film noir, focusing primarily on the genre's heyday in the 1940s and early 1950s, taking into account some of its antecedents in the hard-boiled detective novel, German Expressionism, and the gangster film, among other sources. We will consider a number of critical and theoretical approaches to the genre, and will also study a number of film noir adaptations and their literary sources

FILM UN2290 Topics in World Cinema: Arab and Africa. 3 points.

FILM W2291

FILM UN2292 Topics in World Cinema: China. 3 points.
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Fee: Course Fee - 75

The international revelation of Chinese cinema in the 1980s was one of the great events both for film studies and film production in the past fifty years: the depth and richness of the classic cinemas of the PRC, Hong Kong and Taiwan were complemented by the emergence of exciting new films and filmmakers from each of those film cultures. This course will trace the history and development of filmmaking in mainland China and Hong Kong, from the Shanghai cinema of the 1930s to recent examples of digital media production, examining changes in film style and technique within the context of ever-shifting political currents and production models. A special focus will be the ongoing dialogue between Chinese film and international trends ranging from realism to postmodernism.

FILM UN2293 TOPICS IN WORLD CINEMA-DISC. 0.00 points.

See above. This submission is to generate a course number for the discussion section to go with the lecture course.

FILM UN2294 World Cinema: Latin America. 3 points.
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An overview of the major developments in the art and industry of cinema in Latin America, ranging from its earliest days to the most recent works of the digital era. The interaction of Latin American filmmakers with international movements such as neorealism, modernism, *cinema vérité*, and postmodernism will be addressed. Among the filmmakers to be studied are Luis Buñuel, Glauber Rocha, Raúl Ruiz and Lucrecia Martel.

Students will discover the major industrial trends as well as artistic currents that have defined Latin American cinema, as well as have the chance to analyze a number of key works both in terms of their varying approaches to filmmaking as well as their resonance with political/social/historical issues.

FILM UN2295 World Cinema: Latin America - Discussion Section. 0 points.
Not offered during 2022-23 academic year.

Discussion section lead by a Teaching Assistant to review lecture, reading and screening.

FILM UN2310 THE DOCUMENTARY TRADITION. 3.00 points.

Film screening, lecture, and discussion. Fee: \$75.

This class offers an introduction to the history of documentary cinema and to the theoretical and philosophical questions opened up by the use of moving images to bear witness, persuade, archive the past, or inspire us to change the future. How are documentaries different than fiction films? What is the role of aesthetics in relation to facts and evidence in different documentary traditions? How do documentaries negotiate appeals to emotions with rational argument? From the origins of cinema to our current "post-truth" digital age, we will look at the history of how cinema has attempted to shape our understanding of reality. FILM W2311

Spring 2023: FILM UN2310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2310	001/12589	T 2:00pm - 5:45pm 511 Dodge Building	Nico Baumbach	3.00	34/55

FILM UN2400 Script Analysis. 3 points.
Lecture and discussion. Fee: \$50.

The dramatic and cinematic principles of screen storytelling, including dramaturgy, character and plot development, use of camera, staging, casting, sound, editing, and music. Diverse narrative techniques, story patterns, dramatic structures, and artistic and genre forms are discussed, and students do screenwriting exercises. FILM UN2401 discussion section is required

FILM UN2410 LAB IN WRITING FILM CRITICISM. 3.00 points.

Priority is given to film majors.

Prerequisites: the instructor's permission. Applicants must submit a writing sample, approximately 3 pages long, to cj2374@columbia.edu for permission to register. Lab in Writing Film Criticism, Fall 2021 Prof. Caryn James This course will focus on writing fresh, original criticism, on developing an individual voice, and on creating strong arguments supporting your ideas (qualities that translate to many areas, from reviewing to pitching a film project). Screenings in and outside class, with an emphasis on recent films, will be followed by discussion and in-class writing exercises. How do you choose an effective critical approach? How do you make your opinions vivid and convincing on the page? We will also analyze and evaluate recent criticism. Students will write short reviews and longer essays. Prerequisite: Instructor's permission. Submit a short sample to cj2374@columbia.edu. Note: because permission is required, on-line registration may say the course is full when it is not

Fall 2022: FILM UN2410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2410	001/12729	M 1:10pm - 3:40pm 403 Dodge Building	Caryn James	3.00	12/12

FILM UN2420 LABORATORY IN SCREENWRITING. 3.00 points.

This lab is limited to declared Film and Media Studies majors. Exercises in the writing of film scripts

Fall 2022: FILM UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2420	001/18222	T 10:00am - 1:00pm 15t River Side Church	Rali Chaouni	3.00	11/12
FILM 2420	002/18223	F 10:00am - 1:00pm 12t River Side Church	Grace Philips	3.00	11/12
FILM 2420	003/18769	M 6:00pm - 9:00pm 15t River Side Church	Melina Margit Maraki	3.00	11/12

Spring 2023: FILM UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2420	001/12596	F 10:00am - 1:00pm 316 River Side Church	Melanie Rish	3.00	11/12
FILM 2420	002/15533	F 10:00am - 1:00pm 314 River Side Church	Vishnu Sinha	3.00	9/12
FILM 2420	003/17149	Th 6:00pm - 9:00pm 314 River Side Church	Angeline Dimambro	3.00	12/12

FILM UN2510 LAB IN FICTION FILMMAKING. 3.00 points.

Open to film majors only. Fee: \$75.

This lab course is limited to declared Film # Media Studies majors. Exercises in the use of video for fiction shorts

Fall 2022: FILM UN2510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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FILM 2510	001/18221	W 6:00pm - 9:00pm 507 Dodge Building	Hector Pratsi Castro	3.00	12/12
FILM 2510	002/18771	F 10:00am - 1:00pm 15t River Side Church	Kunao Yan	3.00	12/12

Spring 2023: FILM UN2510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2510	001/12592	F 10:00am - 1:00pm 508 Dodge Building	Javier Cibils Madero	3.00	12/12

FILM UN2520 LAB IN NONFICTION FILMMAKING. 3.00 points.

Open to film majors only. Fee: \$75.

Exercises in the use of video for documentary shorts

Spring 2023: FILM UN2520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 2520	001/15147	Th 10:00am - 1:00pm 508 Dodge Building	Zuko Garagic	3.00	10/12

FILM UN3010 AUTEUR STUDY. 3.00 points.

Fee: \$50.

This seminar in Auteur Study explores the cinematic work of the renowned Polish filmmaker Krzysztof Kieslowski, best known for such classics as *Three Colors: Blue, White, Red* and *Decalogue*. Special attention will be paid to the latter--ten 1-hour films loosely based on the 10 Commandments--considered a towering achievement of poetic style as well spiritual vision. Through in-class screenings, discussions, and readings, we will focus on the formal, political and thematic richness of his films. Requirements include weekly attendance, punctuality, classroom participation, a midterm paper (5 - 7 pages), and a final paper (10 - 12 pages)

FILM UN3020 Interdisciplinary Studies. 3 points.

Fee: \$75.

We will explore how films from a variety of countries--notably Germany, Poland, France, Italy and the U.S.--have attempted to grapple with the legacy of the Shoah. Through close reading of such motion pictures as *THE SHOP ON MAIN STREET*, *THE PAWNBROKER*, *SEVEN BEAUTIES*, *PARTISANS OF VILNA*, *KORCZAK* and *GENGHIS COHN*, we will discuss the possibilities and limitations of Holocaust representation onscreen.

FILM UN3900 SENIOR SEMINAR IN FILM STUDIES. 3.00 points.

Fee: \$30.

A seminar for senior film majors planning to write a research paper in film history/theory/culture. Course content changes yearly

Fall 2022: FILM UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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FILM 3900 001/12795 W 6:10pm - 8:40pm Richard 3.00 15/15
508 Dodge Building Pena

FILM UN3910 Senior Seminar in Filmmaking. 3 points.

Prerequisites: FILM UN2420 or FILM UN2510

An advanced directing workshop for senior film majors who have already completed *FILM UN2420* or *FILM UN2510*.

FILM UN3915 ADVANCED FILM PRODUCTION PRACTICE. 3.00 points.

Prerequisites: FILM UN2510 or FILM UN2520

Advanced Film Production Practice is an advanced production and lecture course for students who wish to obtain a deeper understanding of the skills involved in screenwriting, directing and producing. Building on the fundamentals established in the Labs for Fiction and Non-Fiction Filmmaking, this seminar further develops each student's grasp of the concepts involved in filmmaking through advanced analytical and practical work to prepare Thesis film materials

Fall 2022: FILM UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3915	001/12798	Th 10:00am - 1:00pm 508 Dodge Building	Benjamin Leonberg	3.00	11/12

Spring 2023: FILM UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3915	001/12602	W 9:30am - 12:30pm 504 Dodge Building	Benjamin Leonberg	3.00	11/12

FILM UN3920 SENIOR SEM IN SCREENWRITING. 3.00 points.

A seminar for senior film majors. Students will complete a step outline and minimum of 30 pages of their project, including revisions. Through reading/viewing and analyzing selected scripts/films, as well as lectures, exercises and weekly critiques, students will expand their understanding of dramatic writing and narrative-making for film and TV, including adaptations. They will learn appropriate structure for each specific screenwriting form, and endeavor to apply their understanding of drama, character, theme, and structure to their chosen narrative project

Fall 2022: FILM UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3920	001/12831	Th 10:10am - 12:40pm 12t River Side Church	Loren-Paul Caplin	3.00	15/15

FILM UN3925 NARRATIVE STRAT-SCREENWRITING. 3.00 points.

Prerequisites: *FILM UN2420*.

Prerequisites: FILM W2420. This workshop is primarily a continuation of Senior Seminar in Screenwriting. Students will either continue developing the scripts they began in Senior Seminar in Screenwriting, or create new ones including a step outline and a minimum of 30 pages. Emphasis will be placed

on character work, structure, theme, and employing dramatic devices. Weekly outlining and script writing, concurrent with script/story presentation and class critiques, will ensure that each student will be guided toward the completion of his or her narrative script project

Spring 2023: FILM UN3925

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3925	001/12606	F 10:00am - 1:00pm 403 Dodge Building	Loren-Paul Caplin	3.00	13/15

FILM UN3930 The Actor's Art: Jeanne Moreau. 3.00 points.

Study of major films in the seven-decade career of Jeanne Moreau (1928-2017), the performing artist who is widely recognized as France's greatest actress of the post-World War II era and who has also been a pioneering female director. Topics include: the value for film criticism and history of conceptualizing the performer as a creative auteur; Moreau's manner(s) of film acting and role realization; the risks and the productive consequences of her serving as "muse" to such male directors as Louis Malle, François Truffaut, Orson Welles, Joseph Losey, Rainer Werner Fassbinder, and Paul Mazursky, and as a creative partner to such female directors as Marguerite Duras and Josée Dayan; her embodiments and projections of sexuality and sensuality and how they differ from those of other so-called "screen love goddesses" (Brigitte Bardot, Elizabeth Taylor, Sophia Loren, Simone Signoret, Catherine Deneuve); Moreau's own work as a director of feature-length films; the rewards and burdens of international stardom and the challenge of being expected to "represent" France and its cinema; growing old in the public eye and life-long strategies for career renewal and sustainability

FILM UN3950 SEMINAR IN MEDIA: SERIALITY. 3.00 points.

From streaming to binge-viewing, *Serial* to *Breaking Bad*, seriality is a preeminent framework for the orchestration of contemporary media production and consumption. This course explores histories and theories of seriality as a recurrent trope of media cultures over the last century and more. To this end, the course adopts a comparative media perspective, exploring seriality in its varied textual manifestations across diverse media forms (the penny press, early cinema, television, podcasts, and social media). It also focuses on the range of functions that seriality has performed, as, e.g., a mode for the systematization of mass cultural reproduction, as a framework for the integration of fan networks and media systems, even as a vehicle for the creation of national and political communities.

FILM UN3960 INTRO TO EXPERIMENTAL FILM # VIDEO. 3.00 points.

This course provides an overview of experimental film and video since the early 20th century European art movements (abstract, Dada, Surrealism), including the emergence of American experimental film in the 1940s, post-World War II underground experimental films, structuralist films and early video art in the 1960s and 70s, post-1960s identitarian

experimental work, the emergence of digital video in museums and online in the 1990s to the present. The course surveys and analyses a wide range of experimental work, including the artists Hans Richter, Luis Bunuel, Salvador Dali, Joseph Cornell, Maya Deren, Andy Warhol, Stan Brakhage, Michael Snow, Martha Rosler, Vito Acconci, Barbara Hammer, Su Friedrich, Julie Dash, Isaac Julien, Matthew Barney, Ryan Trecartin, and others. The course will study the structural, aesthetic and thematic links between mainstream and avant-garde cinema, theater, and art movements, and will place the films in their economic, social, and political contexts

FILM GU4000 FILM AND MEDIA THEORY. 3.00 points.

Fee: \$50.

This course offers a historical and critical overview of film and media theory from its origins up to the present

Fall 2022: FILM GU4000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4000	001/12827	T 1:10pm - 4:55pm 511 Dodge Building	Nico Baumbach	3.00	65/65

FILM GU4300 Black Film and Media. 3.00 points.

This course examines the historical and theoretical issues concerning the representation of African Americans in film and media. The course will provide a historical overview while focusing on key themes, concepts, and texts

Spring 2023: FILM GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4300	001/12632	T 10:00am - 1:45pm 511 Dodge Building	Racquel Gates	3.00	53/65

FILM GU4310 EXPERIMENTAL FILM # MEDIA. 3.00 points.

This course provides an overview of experimental film and video since the early 20th century European art movements (abstract, Dada, Surrealism), including the emergence of American experimental film in the 1940s, post-World War II underground experimental films, structuralist films and early video art in the 1960s and 70s, post-1960s identitarian experimental work, the emergence of digital video in museums and online in the 1990s to the present. The course surveys and analyses a wide range of experimental work, including the artists Hans Richter, Luis Bunuel, Salvador Dali, Joseph Cornell, Maya Deren, Andy Warhol, Stan Brakhage, Michael Snow, Martha Rosler, Vito Acconci, Barbara Hammer, Su Friedrich, Julie Dash, Isaac Julien, Matthew Barney, Ilana Harris-Babou, and others. The course will study the structural, aesthetic and thematic links between mainstream and avant-garde cinema, theater, and art movements, and will place the films in their economic, social, and political contexts

Spring 2023: FILM GU4310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4310	001/14638	M 2:00pm - 5:00pm 403 Dodge Building	Ronald Gregg	3.00	14/15

FILM GU4320 New Directions in Film and Philosophy. 0 points.

FILM GU4910 Seeing Narrative. 3 points.

Prerequisites: the instructor's permission.

An advanced film theory "workshop" in which we shall avoid reading film theory in favor of a selection of other texts, taken mainly from the domains of art history, philosophy, and literature. Our central question will be: What can filmmakers and film theorists learn from discourses about vision and its relation to narrative that pre-date the cinema, or that consider the cinema only marginally?

FILM GU4940 QUEER CINEMA. 3.00 points.

This course examines themes and changes in the (self-)representation of lesbians, gay men, bisexuals, and transgender people in cinema from the early sound period to the present. It pays attention to both the formal qualities of film and filmmakers' use of cinematic strategies (mise-en-scene, editing, etc.) designed to elicit certain responses in viewers and to the distinctive possibilities and constraints of the classical Hollywood studio system, independent film, avant-garde cinema, and world cinema; the impact of various regimes of formal and informal censorship; the role of queer men and women as screenwriters, directors, actors, and designers; and the competing visions of gay, progay, and antigay filmmakers. Along with considering the formal properties of film and the historical forces that shaped it, the course explores what cultural analysts can learn from film. How can we treat film as evidence in historical analysis? We will consider the films we see as evidence that may shed new light on historical problems and periodization, and will also use the films to engage with recent queer theoretical work on queer subjectivity, affect, and culture

Spring 2023: FILM GU4940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4940	001/13815	Th 10:00am - 1:45pm 511 Dodge Building	Ronald Gregg	3.00	18/15

FILM GU4950 Visual Bodies: From Cinema to New Media. 3 points.

How is the human body, in its diversity, portrayed on screen? And how may filmic languages—from cinema to new media—be affected by the multifaceted experience of our embodied dimension? In this course we will examine the intricate relationship between cinema and the body as a paradigmatic way to study how moving images are seen, made, and experienced today. From a plurality of standpoints (historical, formal, theoretical) and across a wide range of corpus (documentary, fiction, experimental, new media, art cinema), we will ask ourselves how different filmic discourses are able to represent and explore the creative faculties but also the darker sides of the body, its gestures, desires, impulses or drives. We will investigate how they can account for the cognitive, gender, cultural, technological and political revolutions associated with the body throughout history, with a particular emphasis on contemporary contexts of new images, mediascapes, and practices. Focusing on several key-sites of the (post-)modern

condition—cosmopolitan/metropolitan experiences, narrative technologies, pluralist (dis-)identifications, transmedial mobility, immanent temporalities—the course will offer rich critical opportunities to make sense of contemporary bodies via moving images, and *vice versa*.

Theoretical/critical works read in class will include texts by Bergson, Epstein, Pierce, Deleuze, Bellour, Elsaesser, Doane, Lastra...

The course is organized around lectures/seminars and film screenings. Students are expected to participate fully by carrying out assessed readings and writing assignments, actively involve in classroom discussions/viewings, and give scheduled oral presentations.

FILM GU4951 NEW MEDIA ART. 3.00 points.

The rapid democratization of technology has led to a new wave of immersive storytelling that spills off screens into the real world and back again. These works defy traditional constraints as they shift away from a one-to-many to a many-to-many paradigm, transforming those formerly known as the audience from passive viewers into storytellers in their own right. New opportunities and limitations offered by emergent technologies are augmenting the grammar of storytelling, as creators wrestle with an ever-shifting digital landscape. New Media Art pulls back the curtain on transmedial works of fiction, non-fiction, and emergent forms that defy definition. Throughout the semester we'll explore projects that utilize Artificial Intelligence, Virtual Reality, Augmented Reality and the Internet of Things, alongside a heavy-hitting selection of new media thinkers, theorists, and critics. The course will be co-taught as a dialogue between artistic practice and new media theory. Lance Weiler, a new media artist and founder of Columbia's Digital Storytelling Lab, selected the media artworks; Rob King, a film and media historian, selected the scholarly readings. It is in the interaction between these two perspectives that the course will explore the parameters of emerging frontiers in media art and the challenges these pose for existing critical vocabularies.

Fall 2022: FILM GU4951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4951	001/12870	M 10:10am - 12:40pm 507 Dodge Building	Lance Weiler, Robert King	3.00	23/23

FRENCH

Departmental Office: 515 Philosophy; 212-854-2500 or 212-854-3208

<http://www.columbia.edu/cu/french/>

Director of Undergraduate Studies: Prof. Joanna Stalnaker, 512 Philosophy; 212-854-4567; jrs2052@columbia.edu

Director of Academic Administration and Finance: Isabelle Chagnon, 515 Philosophy; 212-854-7978; ic7@columbia.edu

The Department of French offers a major and concentration in French and Francophone Studies. Both the major and concentration provide students with an overview of French and Francophone literature, culture, and history from the Middle Ages to the present.

MAJOR IN FRENCH AND FRANCOPHONE STUDIES

The major in French and Francophone Studies provides an interdisciplinary framework for the study of the history, literature, and culture of France and parts of the world in which French is an important medium of culture. Students explore the history and contemporary applications of concepts such as citizenship, national unity, secularism, and human rights, and explore central issues including universalism/relativism, tradition/modernity, and religion/state as they have developed in France and its colonies/former colonies since the 18th century.

Students take a series of required courses that includes:

- FREN UN3405 ADVANCED GRAMMAR AND COMPOSITION;
- FREN UN3409 INTRO TO FRENCH AND FRANCOPHONE HISTORY;
- FREN UN3410 INTRO TO FRENCH AND FRANCOPHONE LITERATURE;
- [FREN UN3995](#) SENIOR SEMINAR.

Students also take advanced electives (at the 3000 or 4000 level) on French and francophone literature, culture, and history. A senior thesis is optional but encouraged.

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

Students beginning the study of French at Columbia must take four terms of the following two-year sequence: FREN UN1101-UN1102 Elementary French I & II, and FREN UN2101-UN2102 Intermediate French I & II.

Entering students are placed, or exempted, on the basis of their College Board Achievement or Advanced Placement scores, or their scores on the placement test taken online: [FRENCH PLACEMENT TEST](#). An SAT score of 780 or a score of 5 on the AP exam satisfies the language requirement. Students with a score of 4 on the AP exam will be placed in Intermediate II, but may attempt to place out by requesting to take an oral exam administered by the Director of the Language Program.

Please note: The Barnard course, [FREN BC1204](#) Intermediate II does not fulfill the undergraduate language requirement.

Language Proficiency Courses

Elementary and intermediate French courses help students develop an active command of the language. In FREN UN1101 ELEMENTARY FRENCH I and FREN UN1102 ELEMENTARY FRENCH II, the communicative approach is the main instructional method. In addition to practicing all four language skills—listening, speaking, reading, and writing—students are introduced to the cultural features of diverse French-speaking communities.

In intermediate courses FREN UN2101 INTERMEDIATE FRENCH I and FREN UN2102 INTERMEDIATE FRENCH II, students develop linguistic competence through the study of short stories, films, novels, and plays. After completing the four-semester language sequence, students can discuss and write in fairly proficient French on complex topics.

At the third-year level, attention is focused on more sophisticated use of language, in grammar and composition courses, and on literary, historical, and philosophical questions.

Conversation Courses

Students looking for intensive French oral practice may take some of the 2-point conversation courses offered at intermediate and advanced levels. Conversation courses generally may not be counted toward the major or concentration.

Advanced Placement

- AP score of 4 automatically places a student in French Intermediate II, thereby granting them the equivalency of the first 3 courses of the elementary-intermediate sequence.
- AP score of 5 or DELF: The department grants 3 credits for a score of 5 on the AP French Language exam, or for the completion of DELF (Diplôme d'Etudes en Langue Française). Students are awarded this credit only after they take a 3000-level French course (taught in French, for at least 3 points) and obtain a grade of B or above in that course.
- DALF C1 level or IB HL score of 6 or 7: The department grants 3 credits for the C1 level of DALF (Diplôme Approfondi de Langue Française), or for a score of 6 or 7 on the International Baccalaureate (IB) Higher Level (HL) exam. Students have no obligation to take higher-level French courses in order to receive these 3 credits, but restrictions apply on the use of these credits toward the French major.

LANGUAGE LABORATORY AND ON-LINE MATERIALS

Language laboratories located in the International Affairs Building provide opportunities for intensive practice in French pronunciation and aural comprehension. French courses

typically make extensive use of on-line interactive materials that students can access from their own computers.

MAISON FRANÇAISE

Students interested in French should acquaint themselves with the Maison Française, which houses a reading room of French newspapers, periodicals, books, and videos, and sponsors lectures/discussions and ably distinguished French visitors to New York City. With its weekly French film series as well as, book club, café-conversation. Another opportunity to practice French, discover new aspects of Francophone culture, and learn about internships and professional opportunities is the French Cultural Society. For information about the FCS, contact the departmental liaison, Dr. Laurence Marie. and other events, the Maison Française offers an excellent opportunity for students to perfect their language skills and enhance their knowledge of French and Francophone culture.

STUDY ABROAD

Because a direct experience of contemporary French society is an important essential part of the program, majors and concentrators are strongly encouraged to spend either a semester or a year at Reid Hall-Columbia University in Paris, or at another French or Francophone university. During their time abroad, students take courses credited toward the major and, in some cases, also toward other majors (e.g. history, art history, political science) and the global core.

For information on study abroad, visit the OGP website at www.ogp.columbia.edu, call 212-854-2559, or e-mail studyabroad@columbia.edu. For a list of approved study abroad programs, visit <http://www.ogp.columbia.edu/index.cfm?FuseAction=Programs.ListAll>.

Summer Study in Paris

Study abroad opportunities at Reid Hall are also available during the summer. These include language and culture courses, global core electives and a combined course that meets both Columbia's ArtHum and MusicHum requirements.

For information about study abroad, visit <https://global.undergrad.columbia.edu/studyabroad>.

GRADING

Students who wish to use toward the major or concentration a course in which a grade of D has been received must consult with the director of undergraduate studies.

DEPARTMENTAL HONORS

Majors who wish to be considered for departmental honors should consult with the director of undergraduate studies. To be eligible for departmental honors, students must have a grade point average of at least 3.7 in major courses and have completed an approved senior thesis under the guidance of a faculty member at Columbia or Reid Hall. Normally no more

than 10% of graduating majors receive departmental honors in a given academic year.

UNDERGRADUATE PRIZES

The Department of French awards the following prizes to students enrolled in courses in the department:

1. Prize for Excellence in French Studies: awarded to a highly promising student in an intermediate or advanced French course;
2. Senior French Prize: awarded to an outstanding graduating major.

Professors

- Madeleine Dobie
- Antoine Compagnon
- Souleymane Bachir Diagne
- Pierre Force
- Elisabeth Ladenson
- Camille Robcis
- Emmanuelle Saada
- Joanna Stalnaker

Associate Professors

- Peter Connor (Barnard)
- Eliza Zingesser

Assistant Professors

- Thomas Dodman
- Aubrey Gabel

Senior Lecturers

- Heidi Holst-Knudsen
- Pascale Hubert-Leibler
- Sophie Queuniet

Lecturers

- Alexandra Borer
- Pascale Crépon
- Samuel Skippon
- Eric Matheis
- Laurence Marie

MAJOR IN FRENCH AND FRANCOPHONE STUDIES

The requirements for this program were modified on December 18, 2021. Students who declared this program before this date should contact the Director of Undergraduate Studies for the department in order to confirm their correct course of study.

The program of study should be planned before the end of the sophomore year with the director of undergraduate studies.

The major in French and Francophone Studies requires a minimum of 30 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II) (or advanced placement), distributed as follows:

FREN UN3405	THIRD-YEAR GRAMMAR # COMP
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FREN UN3409	INTRO TO FRENCH # FRANCOPHONE HISTORY
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FREN UN3410	Intro French # Francophone Literature
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FREN UN3995	SENIOR SEMINAR
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Select one upper level course (3000 or 4000 level) on literature before 1800

The remaining 5 courses (15 points) are to be chosen from 3000 or 4000 level courses in French Literature, Culture, or History

Two of the following advanced Language classes can be counted as an elective: French for diplomats, FREN UN324X, Advanced Translation Workshop

Note the following:

- FREN BC3006 Composition and Conversation is not applicable to either the French and Francophone Studies major or the concentration. Other Barnard French courses may be taken with the approval of the Director of undergraduate studies;
- Heritage speakers are exempted from FREN UN3405 ADVANCED GRAMMAR # COMP, but must replace the course by taking an advanced elective.

The following Columbia French courses are not applicable to the French and Francophone Studies major or concentration:

FREN UN1101	ELEMENTARY FRENCH I
FREN UN1102	ELEMENTARY FRENCH II
FREN UN1105	ACCELERATED ELEM FRENCH
FREN UN2101	INTERMEDIATE FRENCH I
FREN UN2102	INTERMEDIATE FRENCH II
FREN UN2106	RAPID READING AND TRANSLATION
FREN UN2121	INTERMED CONVERSATN FRENCH I

FREN UN2122	INTERMED CONVERSATN FRENCH II
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FREN UN3131	THIRD-YEAR CONVERSATION FR I
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FREN UN3132	THIRD-YEAR CONVERSATION FR II
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FREN UN2105 ACCELERATED INTERMEDIATE FRENCH I and II	
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CONCENTRATION IN FRENCH AND FRANCOPHONE STUDIES

The concentration in French and Francophone Studies requires a minimum of 24 points beyond completion of the language requirement ([FREN UN2102](#) Intermediate Course II), distributed as follows:

FREN UN3405	THIRD-YEAR GRAMMAR # COMP
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FREN UN3409	INTRO TO FRENCH # FRANCOPHONE HISTORY
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FREN UN3410	Intro French # Francophone Literature
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FREN UN3995	SENIOR SEMINAR
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The remaining four courses (12 points) are to be chosen from 3000- or 4000- level offerings in French literature, culture, or history.

One of the following advanced language classes can be counted as an elective: French for Diplomats; French Culture, Language and Society through ... (FREN UN324X); Advanced Translation Workshop.

MAJOR IN FRENCH

The major in French requires a minimum of 33 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	THIRD-YEAR GRAMMAR # COMP
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FREN UN3333 - FREN UN3334	INTRO TO LITERARY STUDIES I and INTRO TO LITERARY STUDIES II
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FREN UN3600	INTRO TO FRENCH CIVILIZATION
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FREN UN3995	SENIOR SEMINAR
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Select one upper-level course on literature before 1800.

Select one course in area of Francophone literature or culture, i.e., bearing on practices of French outside of France or on internal cultural diversity of France.

The remaining four courses (12 points) are to be chosen from 3000-level offerings in French literature, linguistics, or civilization.

One of the following advanced language classes can be counted as an elective: French for Diplomats; French Culture, Language and Society through...; Advanced Translation Workshop; and The Cultural Workshop.

Note the following:

FREN BC3006 Composition and Conversation is not applicable to either the French major or the concentration. Other Barnard French courses may be taken with the approval of the director of undergraduate studies;

Heritage speakers are exempted from FREN UN3405 THIRD-YEAR GRAMMAR # COMP, but must replace the course by taking an advanced elective

The following Columbia French courses are not applicable to the French major or concentration:

FREN UN1101	ELEMENTARY FRENCH I
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FREN UN1102	ELEMENTARY FRENCH II
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FREN UN1105	ACCELERATED ELEM FRENCH
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FREN UN2101	INTERMEDIATE FRENCH I
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FREN UN2102	INTERMEDIATE FRENCH II
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FREN UN2106	RAPID READING AND TRANSLATION
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FREN UN2121	INTERMED CONVERSATN FRENCH I
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FREN UN2122	INTERMED CONVERSATN FRENCH II
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FREN UN3131	THIRD-YEAR CONVERSATION FR I
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FREN UN3132	THIRD-YEAR CONVERSATION FR II
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CONCENTRATION IN FRENCH

The concentration in French requires a minimum of 24 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	THIRD-YEAR GRAMMAR # COMP
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FREN UN3333 - FREN UN3334	INTRO TO LITERARY STUDIES I and INTRO TO LITERARY STUDIES II
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FREN UN3600	INTRO TO FRENCH CIVILIZATION
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The remaining four courses (12 points) are to be chosen from 3000-level offerings in French literature, linguistics, or civilization.

One of the following advanced language classes can be counted as an elective: French for Diplomats; French Culture, Language and Society through...; Advanced Translation Workshop; and The Cultural Workshop

LANGUAGE

FREN UN1101 ELEMENTARY FRENCH I. 4.00 points.

The aim of the beginning French sequence (French 1101 and French 1102) is to help you to develop an active command of the language. Emphasis is placed on acquiring the four language skills--listening, speaking, reading and writing--within a cultural context, in order to achieve basic communicative proficiency

Fall 2022: FREN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101	001/10380	T Th F 8:40am - 9:55am 407 Hamilton Hall	Alexandra Borer	4.00	10/18
FREN 1101	002/10381	M T W Th 8:50am - 9:55am 411 Hamilton Hall	Bryan Pirolli	4.00	17/18
FREN 1101	003/10382	T Th F 10:10am - 11:25am 407 Hamilton Hall	Alexandra Borer	4.00	16/18
FREN 1101	004/10383	M T W Th 11:40am - 12:45pm 411 Hamilton Hall	Bryan Pirolli	4.00	12/18
FREN 1101	005/10384	M T W Th 1:10pm - 2:15pm 411 Hamilton Hall	Annie Schultz	4.00	16/18
FREN 1101	006/10386	T Th F 1:10pm - 2:25pm 407 Hamilton Hall	Wesley Gunter	4.00	13/18
FREN 1101	007/10385	M W Th 4:10pm - 5:25pm 407 Hamilton Hall	Marie-Helene Koffi-Tessio	4.00	12/18
FREN 1101	008/10387	M W Th 6:10pm - 7:25pm 407 Hamilton Hall	Marie-Helene Koffi-Tessio	4.00	7/18
FREN 1101	009/10388	T Th F 2:40pm - 3:55pm 407 Hamilton Hall	Wesley Gunter	4.00	14/18
FREN 1101	010/20225	T Th F 10:10am - 11:25am 315 Hamilton Hall	Samuel Skippon	4.00	6/18

Spring 2023: FREN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101	001/13251	M T W Th 8:50am - 9:55am 511 Hamilton Hall	Eric Matheis	4.00	17/18
FREN 1101	002/13255	T Th F 10:10am - 11:25am 201a Philosophy Hall	Pauline Guedj	4.00	17/18
FREN 1101	003/13256	M T W Th 11:40am - 12:45pm 253 Engineering Terrace	Eric Matheis	4.00	13/18
FREN 1101	004/13259	M T W Th 1:10pm - 2:15pm 308a Lewisohn Hall	Iziar De Miguel	4.00	12/18
FREN 1101	005/13262	T Th F 1:10pm - 2:25pm 313 Hamilton Hall	Marie-Helene Koffi-Tessio	4.00	13/18

FREN 1101	006/13263	T Th F 2:40pm - 3:55pm 413 Hamilton Hall	Marie-Helene Koffi-Tessio	4.00	13/18
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FREN UN1102 ELEMENTARY FRENCH II. 4.00 points.

The aim of the beginning French sequence (French 1101 and French 1102) is to help you to develop an active command of the language. Emphasis is placed on acquiring the four language skills--listening, speaking, reading and writing--within a cultural context, in order to achieve basic communicative proficiency

Fall 2022: FREN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1102	001/10389	M T W Th 8:50am - 9:55am 212d Lewisohn Hall	Pauline Guedj	4.00	19/18
FREN 1102	002/10390	M T W Th 10:10am - 11:15am 212d Lewisohn Hall	Pauline Guedj	4.00	9/18
FREN 1102	003/10391	M T W Th 11:40am - 12:45pm 413 Hamilton Hall	Eric Matheis	4.00	15/18
FREN 1102	004/10392	M T W Th 1:10pm - 2:15pm 413 Hamilton Hall	Eric Matheis	4.00	11/18
FREN 1102	005/10393	T Th F 2:40pm - 3:55pm 411 Hamilton Hall	Molly Lindberg	4.00	15/18

Spring 2023: FREN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1102	001/13145	T Th F 8:40am - 9:55am 201a Philosophy Hall	Pauline Guedj	4.00	10/18
FREN 1102	002/13150	M T W Th 8:50am - 9:55am 411 Hamilton Hall	Bryan Pirolli	4.00	17/18
FREN 1102	003/13164	M T W Th 10:10am - 11:15am 411 Hamilton Hall	Bryan Pirolli	4.00	16/18
FREN 1102	004/13169	M T W Th 11:40am - 12:45pm 411 Hamilton Hall	Wesley Gunter	4.00	16/18
FREN 1102	006/13195	M T W Th 1:10pm - 2:15pm 411 Hamilton Hall	Wesley Gunter	4.00	8/18
FREN 1102	007/13200	T Th F 2:40pm - 3:55pm 328 Uris Hall	Molly Lindberg	4.00	15/18
FREN 1102	008/13248	M W Th 6:10pm - 7:25pm 413 Hamilton Hall	Marie-Helene Koffi-Tessio	4.00	13/18

FREN UN1105 ACCELERATED ELEM FRENCH. 8.00 points.

Prerequisites: The instructor's permission

Prerequisites: The instructor's permission This course covers in one semester the material normally presented in Elementary French I and II. This course is especially recommended for students who already know another Romance language

Fall 2022: FREN UN1105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1105	001/10394	M T W Th 9:00am - 11:00am 327 Seeley W. Mudd Building	Pascale Hubert-Leibler	8.00	5/18

FREN UN2101 INTERMEDIATE FRENCH I. 4.00 points.

This course will further your awareness and understanding of the French language, culture and literature, provide a comprehensive review of fundamental grammar points while introducing more advanced ones, as well as improve your mastery of oral, reading, and writing skills. By the end of the course, you will be able to read short to medium-length literary and non-literary texts, and analyze and comment on varied documents and topics, both orally and in writing

Fall 2022: FREN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2101	001/10395	T Th F 8:40am - 9:55am 522b Kent Hall	Nadrah Mohammed	4.00	10/18
FREN 2101	002/10396	M T W Th 9:10am - 10:00am 302 Alfred Lerner Hall	Sophie Queuniet	4.00	12/18
FREN 2101	003/10397	M T W Th 10:10am - 11:00am 302 Alfred Lerner Hall	Sophie Queuniet	4.00	13/18
FREN 2101	004/10398	T Th F 1:10pm - 2:25pm 328 Uris Hall	Laurence Marie	4.00	9/18
FREN 2101	005/10399	M T W Th 1:10pm - 2:00pm 509 Hamilton Hall	Pascale Hubert-Leibler	4.00	15/18
FREN 2101	006/10400	T Th F 2:40pm - 3:55pm 328 Uris Hall	Laurence Marie	4.00	17/18
FREN 2101	007/10401	M W Th 6:10pm - 7:25pm 413 Hamilton Hall	Brian Kilgo-Kelly	4.00	10/18

Spring 2023: FREN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2101	001/13300	T Th F 8:40am - 9:55am 407 Hamilton Hall	Nadrah Mohammed	4.00	7/18
FREN 2101	002/13303	T Th F 10:10am - 11:25am 253 Engineering Terrace	Sophie Queuniet	4.00	19/18
FREN 2101	003/13305	M T W Th 1:10pm - 2:00pm 315 Hamilton Hall	Alexandre Bournery	4.00	13/18
FREN 2101	004/13308	T Th F 2:40pm - 3:55pm 201a Philosophy Hall	Benjamin Olivennes	4.00	11/18

FREN UN2102 INTERMEDIATE FRENCH II. 4.00 points.

Enrollment limited to 20.

Prerequisites: FREN UN2121 Intermediate Conversation is a suggested, not required, corequisite

Prerequisites: FREN UN2121 Intermediate Conversation is a suggested, not required, corequisite Prepares students for advanced French language and culture. Develops skills in speaking, reading, and writing French. Emphasizes cross-cultural awareness through the study of short stories, films, and passages from novels. Fosters the ability to write about and discuss a variety of topics using relatively complex structures

Fall 2022: FREN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2102	001/10408	T Th F 8:40am - 9:55am 413 Hamilton Hall	Samuel Clack	4.00	6/18
FREN 2102	002/10409	M T W Th 10:10am - 11:00am 413 Hamilton Hall	Pascale Crepon	4.00	13/18
FREN 2102	003/10411	M T W Th 1:10pm - 2:00pm 201a Philosophy Hall	Pascale Crepon	4.00	12/18
FREN 2102	004/10412	T Th F 2:40pm - 3:55pm 413 Hamilton Hall	Heidi Holst-Knudsen	4.00	17/18
FREN 2102	005/10413	T Th F 11:40am - 12:55pm 306 Uris Hall	Thibault Lavaud-Vavaskeur	4.00	11/18

Spring 2023: FREN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2102	001/13271	M T W Th 9:10am - 10:00am 413 Hamilton Hall	Pascale Crepon	4.00	18/18
FREN 2102	002/13278	T Th F 10:10am - 11:25am 413 Hamilton Hall	Samuel Clack	4.00	14/18
FREN 2102	004/13286	M T W Th 1:10pm - 2:00pm 201a Philosophy Hall	Pascale Crepon	4.00	19/18
FREN 2102	005/13289	T Th F 2:40pm - 3:55pm 609 Hamilton Hall	Heidi Holst-Knudsen	4.00	19/18
FREN 2102	006/13294	M W Th 4:10pm - 5:25pm 413 Hamilton Hall	Hayet Sellami	4.00	17/18
FREN 2102	007/13297	M W Th 6:10pm - 7:25pm 407 Hamilton Hall	Indra Avens	4.00	16/18
FREN 2102	009/17565	T Th F 1:10pm - 2:25pm 327 Uris Hall	Marguerite Van Cook	4.00	12/18

FREN UN2121 INTERMED CONVERSATN FRENCH I. 2.00 points.

We will be working on pronunciation, vocabulary acquisition, listening comprehension, and oral expression. Activities will include listening comprehension exercises, skits, debates, and oral presentations, as well as discussions of films, songs, short films, plays, news, articles, short stories or other short written documents. Although grammar will not be the focus of the course, some exercises will occasionally aim at reviewing

particular points. The themes and topics covered will be chosen according to students' interests

Fall 2022: FREN UN2121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2121	001/10415	M W 10:10am - 11:25am 411 Hamilton Hall	Bryan Pirolli	2.00	4/15
FREN 2121	002/10416	T Th 2:40pm - 3:55pm 201a Philosophy Hall	Eleanor Grabowski	2.00	8/15

Spring 2023: FREN UN2121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2121	001/13695	T Th 11:40am - 12:55pm 201a Philosophy Hall	Pauline Guedj	2.00	13/15
FREN 2121	002/13696	T Th 4:10pm - 5:25pm 407 Hamilton Hall	Marie-Helene Koffi-Tessio	2.00	8/15

FREN UN2122 INTERMED CONVERSATN FRENCH II. 2.00 points.

We will be working on pronunciation, vocabulary, listening comprehension, and oral expression. Activities will include listening comprehension exercises, skits, debates, and oral presentations, as well as discussions of films, songs, short films, news, articles, short stories or other short written documents. Although grammar will not be the focus of the course, some exercises will occasionally aim at reviewing particular points

Fall 2022: FREN UN2122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2122	002/10418	T Th 4:10pm - 5:25pm 411 Hamilton Hall	Laetitia Ndiaye	2.00	8/15

Spring 2023: FREN UN2122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2122	001/13697	T Th 1:10pm - 2:25pm 616 Hamilton Hall	Laurence Marie	2.00	10/15
FREN 2122	002/13698	T Th 2:40pm - 3:55pm 411 Hamilton Hall	Wesley Gunter	2.00	4/15

FREN UN2106 RAPID READING AND TRANSLATION. 3.00 points.

The course focuses on reading comprehension and translation into English and includes a grammar and vocabulary overview. It also addresses the differences between English and French syntax and raises questions of idiomatic versus literal translations

Fall 2022: FREN UN2106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2106	001/10414	M W 4:10pm - 5:25pm 413 Hamilton Hall	Katherine Raichlen	3.00	7/18

Spring 2023: FREN UN2106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 2106	001/13324	T Th 2:40pm - 3:55pm 407 Hamilton Hall	Sophie Queuniet	3.00	2/18

FREN UN3131 THIRD-YEAR CONVERSATION FR I. 2.00 points.

Prerequisites: completion of the language requirement in French or the equivalent. Conversation on contemporary French subjects based on readings in current popular French periodicals

Fall 2022: FREN UN3131

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3131	001/10419	T Th 11:40am - 12:55pm 407 Hamilton Hall	Samuel Clack	2.00	8/15
FREN 3131	003/10491	M W 1:10pm - 2:25pm 407 Hamilton Hall	Hayet Sellami	2.00	10/15

FREN UN3240 FREN LANG,SOC,CULTRE THRU FILM. 3.00 points.

Prerequisites: FREN UN2102

Prerequisites: FREN UN2102 French socio-political issues and language through the prism of film. Especially designed for non-majors wishing to further develop their French language skills and learn about French culture. Each module includes assignments targeting the four language competencies: reading, writing, speaking and oral comprehension, as well as cultural understanding

Fall 2022: FREN UN3240

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3240	001/10492	T Th 4:10pm - 5:25pm 413 Hamilton Hall	Heidi Holst-Knudsen	3.00	14/20
FREN 3240	002/14924	T Th 10:10am - 11:25am 411 Hamilton Hall	Tommaso Manfredini	3.00	13/18

FREN UN3241 FRENCH LANGUAGE THRU THEATER. 3.00 points.

The course is taught in French and focuses on learning the French language via the study of theatre (through plays, scenes, theories, lecture/workshops by guests, as well as performing a series of activities). The course offers students the opportunity to have a better grasp of the variety of French theatres within the culture; and to perform the language through the body and mind. Its goal is to both introduce students to theatre and to explore how it challenges us physically and emotionally, as well as in intellectual, moral, and aesthetic ways. No previous acting experience is necessary but a desire to "get up and move" and possibly even go see plays as a class project is encouraged

Spring 2023: FREN UN3241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3241	001/13702	M W 10:10am - 11:25am 413 Hamilton Hall	Pascale Crepon	3.00	8/15

FREN UN3405 THIRD-YEAR GRAMMAR # COMP. 3.00 points.

Enrollment limited to 15.

Prerequisites: *FREN UN3405* must be taken before *FREN UN3333/4* unless the student has an AP score of 5 or the director of undergraduate studies' permission.

Prerequisites: *FREN UN3405* must be taken before *FREN UN3333/4* unless the student has an AP score of 5 or the director of undergraduate studies' permission. The goal of *FREN UN3405* is to help students improve their grammar and perfect their writing and reading skills, especially as a preparation for taking literature or civilization courses, or spending a semester in a francophone country. Through the study of two full-length works of literature and a number of short texts representative of different genres, periods, and styles, they will become more aware of stylistic nuances, and will be introduced to the vocabulary and methods of literary analysis. Working on the advanced grammar points covered in this course will further strengthen their mastery of French syntax. They will also be practicing writing through a variety of exercises, including pastiches and creative pieces, as well as typically French forms of academic writing such as “résumé,” “explication de texte,” and “dissertation

Fall 2022: FREN UN3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3405	001/10493	T Th 1:10pm - 2:25pm 327 Uris Hall	Alexandra Borer	3.00	6/15
FREN 3405	002/10705	M W 8:40am - 9:55am 407 Hamilton Hall	Pascale Crepon	3.00	7/15

Spring 2023: FREN UN3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3405	001/13704	T Th 2:40pm - 3:55pm 616 Hamilton Hall	Laurence Marie	3.00	5/18

FREN UN3242 FREN LANG,SOC,CULTRE THRU PARIS. 3.00 points.

Prerequisites: 2 years of college French

Prerequisites: 2 years of college French Paris may be referred to as the capital of modernity, as the city of romance and pleasure, as the center of social and political powers, or as a privileged stage for crises and revolutions. Analyzing and researching the meanings of these diverse representations would expose students to key aspects of French and Francophone political, social, and cultural history. This is a proposal for a course intended for students who, having completed their language requirement in French, would like to better their knowledge of French language and society. It would offer students the opportunity to study representations of Paris over the centuries as a way to practice writing, reading, and conversation in French and as a way to deepen their understanding of French and Francophone cultures. Materials for the course would include major literary texts as well as paintings, movies and popular songs, but also museum websites, local newspapers

and local ads, brochures from retail and food malls, restaurant menus, postcards... such variety can be utilitarian and intellectually compelling at the same time. It would allow students not only to study language registers and vocabulary contextualization but also work on finding patterns and making connections

FREN UN3244 FRENCH THRU CURRENT EVENTS. 3.00 points.

The course will offer students an understanding of fundamental underlying concepts that structure French society and that are necessary to grasp if one wants to follow current events in France. This course could be of interest not only to CC students but also to students enrolled at SIPA or Teacher's College. Moreover, this course would allow for a comparative approach to how same events are covered in US, or other foreign media, and in France. Given that this course will deal with current events, the readings will depend entirely on how the news unfolds. Students will be given an introduction to the various media outlets available to them: the press, television and online sources. As the course unfolds, I will adapt the choice of sources that best follow events as they happen. 2022 for example, will be the year France assumes the presidency of the European Union. It will also be the year of the presidential elections. For such events, I will propose specific institutional sources. On the other hand, events that could not be anticipated will require some form of guidance in terms of sources. In spite of the obvious unpredictability of the specific content of this course, certain key concepts necessary to understand current events in France will be presented. These may vary slightly from one semester to another, but would include, without being limited to: the structure of government and public institutions, political parties, unions and “associations”, social benefits and “the welfare state”, public vs. private sector, “Paris is France”, universalism, secularism and “laïcité”, cultural exceptionalism, the figure of the intellectual, national identity, immigration, geography of France and demographics, relation to Europe, geopolitics, globalization and sovereignty. Of course, the choice of themes and concepts in a given semester would be influenced by dominant topics in the French news

Fall 2022: FREN UN3244

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3244	001/10494	T Th 1:10pm - 2:25pm 313 Hamilton Hall	Samuel Skippon	3.00	14/18

Spring 2023: FREN UN3244

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3244	001/17562	T Th 1:10pm - 2:25pm 212a Lewisohn Hall	Samuel Skippon	3.00	12/18

FREN UN3243 Lang. Culture, Society: La culture pop. 3.00 points.

The host of the daily radio show Popopop on the public radio France Inter routinely introduces his guests by asking them “what is pop culture?”/“qu'est ce que la culture pop?” The answers are at least as diverse as the guests' cultural, social, and

generational backgrounds. Keeping the complexity and variety of the possible answers to this question in mind, students in this class will be introduced to French pop culture or La culture pop française both in its specificity and in contrast to American pop culture. In this French language class, critical thinking applied to mass media such as music, movies, ads, and newspapers, as well as literature ranging from les BD (comics and graphic novels) to les polars (detective fiction), and as well as to Social Media (blogs, podcasts, influencers, etc.) will enable students to better grasp some of the forces shaping culture in French society, equipping them with knowledge and concepts that are helpful to understanding dominant cultural trends and their impact on contemporary French Society. Exposing students to such a wide variety of materials will be intellectually compelling and will also expose them to a variety of language registers

Spring 2023: FREN UN3243

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3243	001/13703	T Th 10:10am - 11:25am 407 Hamilton Hall	Alexandra Borer	3.00	12/15

LITERATURE AND CULTURE

FREN UN3503 Enlightenment/Counter-Enlightenment. 3 points.

Prerequisites: completion of FREN UN3333 or UN3334 and UN3405, or the director of undergraduate studies' permission. Taking modern definitions and critiques of Enlightenment as its starting point, this course will look at how the Enlightenment defined itself as a philosophical, cultural and literary movement, practiced self-criticism from within, and responded to dissension and critique from without. Authors will include Adorno, Horkheimer, Foucault and Israel for the modern critical context, and Voltaire, Diderot, Buffon, Rousseau, Sade and Kant for the eighteenth century material. The course will be given in French, but non-majors may write papers in English. This course fulfills the French Major requirement for a course on literature before 1800.

FREN W3515 Writing the Self Workshop. 3 points.

Corequisites: FREN W3333-FREN W3334 or equivalent, or the director of undergraduate studies' permission.

In this course, we will read works spanning the history of French literature from the Renaissance to the present in which the problem of writing the self is posed. We will also engage in various writing exercises (pastiche, translation, personal narrative) and discuss the works on the syllabus in conjunction with our own attempts to write the self. Authors will include Montaigne, Rousseau, Roland, Sand, Colette, Barthes, Modiano, and NDiaye. This course fulfills the pre-1800 requirement.

FREN UN3517 Montaigne, Descartes, Pascal. 3 points.

Prerequisites: FREN UN3333-UN3334 or the director of undergraduate studies' or the instructor's permission.

A study of Montaigne's *Essais* and their rewriting by Descartes and Pascal, with a focus on the nature of intellectual and aesthetic innovation in a humanist context.

FREN UN3600 INTRO TO FRENCH CIVILIZATION. 3.00 points.

Prerequisites: FREN UN3333 or UN3334 and UN3405, or the director of undergraduate studies' permission.

Prerequisites: FREN UN3333 or UN3334 and UN3405, or the director of undergraduate studies' permission. Based on readings of short historical sources, the course will provide an overview of French political and cultural history since 1700

FREN W3666 Moliere. 3 points.

Prerequisites: completion of FREN W3333 or W3334 and W3405, or the director of undergraduate studies' permission. Study of Molière's major plays, including *Tartuffe*, *Dom Juan*, and *Le Misanthrope*, focusing on key concepts such as naturalness and convention, value and exchange, and the relationship between ethics and comedy. Special attention will be paid to the connections between critical approaches of the text and the various ways in which the plays can be staged.

FREN W3714 1914-2014 : un siècle de littératures en français. 3 points.

Not offered during 2022-23 academic year.

Prerequisites: completion of FREN W3333 or W3334 and W3405, or the director of undergraduate studies' permission. This class is intended as a survey course on French literatures in the past 100 years. It will consider all major moments and movements of literature in French in the 20th century (surrealism, existentialism, negritude, Nouveau Roman...) until and including some of the most remarkable literary creations of the early 21st century. The course is taught in French and the readings will be in French.

FREN W3766 Transcribing/Writing Tales in Africa. 3 points.

Not offered during 2022-23 academic year.

Prerequisites: FREN W3333-FREN W3334 or the director of undergraduate studies' or the instructor's permission. The students are required to be able to read and discuss tales in French.

Transcribing, adapting, rewriting, reinventing in the French language African oral tales is an important literary genre in African francophone literature. The works of authors such as Amadou Hampâté Bâ from Mali, Bernard Dadié from Côte d'Ivoire and Birago Diop from Senegal are among the classics of that genre. The course is a study of a certain number of "tales" written with talent and humor by Bâ, Dadié and Diop; they are from the following books: *Il n'y a pas de petite querelle* (Bâ), *Le pagne noir* (Dadié), *Les contes d'Amadou Koumba*, and *Les nouveaux contes d'Amadou Koumba* (Diop). This course is intended primarily for undergraduate students interested in French and in Francophone Studies majors,

concentrators, and those who speak French and want to study an important aspect of literature in French.

FREN W3726 Sex, Class and Shame in 20th-21th Century French Literature. 3 points.

Prerequisites: Prerequisites: completion of FREN W3333 or W3334 and W3405, or the director of undergraduate studies' permission.

The second half of the twentieth century in France saw a sudden explosion of literary works examining, with unprecedented explicitness, sexuality and social class and the relations between them. This course will provide an introduction to the literature of sexual and social abjection, beginning with Genet and Violette Leduc and including works by Annie Ernaux, Christine Angot, Virginie Despentes, and Edouard Louis. We will also consider relevant sociological writings by Bourdieu, Eribon, and Goffman. Readings and discussion will be in French.

CLFR UN3830 French Film. 3 points.

A study of landmarks of French cinema from its origins to the 1970s. We will pay particular attention to the relation between cinema and social and political events in France. We will study films by Jean Vigo, Jean Renoir, Rene Clair, Alain Resnais, Francois Truffaut and Jean-Luc Godard. In English.

FREN UN3409 INTRO TO FRENCH # FRANCOPHONE HISTORY. 3.00 points.

This class provides an introduction to the history of France and of the francophone world since the Middle Ages. It initiates students to the major events and themes that have shaped politics, society, and culture in France and its former colonies, paying special attention to questions of identity and diversity in a national and imperial context. Modules include a combination of lecture and seminar-style discussion of documents (in French). This course is part of a two-course sequence and is a core requirement the French and Francophone Studies major

Fall 2022: FREN UN3409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3409	001/10498	T Th 4:10pm - 5:25pm 201a Philosophy Hall	Emmanuelle Saada	3.00	10/15

Spring 2023: FREN UN3409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3409	001/13809	T Th 11:40am - 12:55pm 608 Schermerhorn Hall	Eleanor Grabowski	3.00	13/20

FREN UN3410 Intro French # Francophone Literature. 3.00 points.

This class offers a survey of major works of French and francophone literature from the Middle Ages to the present. Emphasis will be placed on formal and stylistic elements of the works read and on developing the critical skills necessary for literary analysis. Works will be placed in their historical context

Fall 2022: FREN UN3410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3410	001/10497	T Th 2:40pm - 3:55pm 603 Hamilton Hall	Joanna Stalnaker	3.00	11/15

Spring 2023: FREN UN3410

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3410	001/13810	M W 4:10pm - 5:25pm 407 Hamilton Hall	Laetitia Ndiaye	3.00	18/20

SENIOR SEMINAR AND SENIOR THESIS

FREN UN3995 SENIOR SEMINAR. 3.00 points.

Prerequisites: completion of either *FREN UN3333-FREN UN3334* or *FREN UN3420-FREN UN3421*, and *FREN UN3405*, or the director of undergraduate studies' or the instructor's permission.

Prerequisites: completion of either FREN UN3333-FREN UN3334 or FREN UN3420-FREN UN3421, and FREN UN3405, or the director of undergraduate studies' or the instructor's permission. Required of all French and French # Francophone Studies majors. Usually taken by majors during the fall term of their senior year. Critical discussion of a few major literary works along with some classic commentaries on those works. Students critically assess and practice diverse methods of literary analysis

Fall 2022: FREN UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3995	001/10495	T 4:10pm - 6:00pm 507 Philosophy Hall	Antoine Compagnon	3.00	6/20

FREN UN3996 SENIOR TUTORIAL IN LITERATURE. 3.00 points.

Prerequisites: the director of undergraduate studies permission. Required for majors wishing to be considered for departmental honors. This course may also be taken at Reid Hall.

Recommended for seniors majoring or concentrating in French and open to other qualified students. Preparation of a senior essay. In consultation with a staff member designated by the director of undergraduate studies, the student develops a topic withing the areas of French language, literature, or intellectual history

Fall 2022: FREN UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3996	001/10600		Kaiama Glover	3.00	1/18

Spring 2023: FREN UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3996	001/16674		Joanna Stalnaker	3.00	2/10

GERMANIC LANGUAGES

Departmental Office: 415 Hamilton; 212-854-3202
<https://germanic.columbia.edu/>

Director of Undergraduate Studies: Prof. Annie Pfeifer, 409 Hamilton; 212-854-8986; ap750@columbia.edu

Language Instruction: Jutta Schmiers-Heller, 403A Hamilton; 212-854-4824; js2331@columbia.edu

The Department of Germanic Languages and Literatures is considered one of the very best in the country. Many of the faculty specialize in the study of German literature and culture from 1700 to the present. German majors acquire proficiency in examining literary, philosophical, and historical texts in the original, as well as critical understanding of modern German culture and society. Particular attention is given to German-speaking traditions within larger European and global contexts. Courses taught in translation build on Columbia's Core Curriculum, thereby allowing students to enroll in upper-level seminars before completing the language requirement.

All classes are taught as part of a living culture. Students have ample opportunities to study abroad, to work with visiting scholars, and to take part in the cultural programs at Deutsches Haus. In addition, the department encourages internships with German firms, museums, and government offices. This hands-on experience immerses students in both language and culture, preparing them for graduate study and professional careers.

Upon graduation, German majors compete successfully for Fulbright or DAAD scholarships for research in Germany or Austria beyond the B.A. degree. Our graduating seniors are highly qualified to pursue graduate studies in the humanities and social sciences, as well as professional careers. Former majors and concentrators have gone on to careers in teaching, law, journalism, banking and consulting, international affairs, and communications.

German literature and culture courses are taught as seminars integrating philosophical and social questions. Topics include romanticism, revolution, and national identity; German intellectual history; minority literatures; Weimar cinema; German-Jewish culture and modernity; the Holocaust and memory; and the history and culture of Berlin. Classes are small, with enrollment ranging from 5 to 15 students.

The department regularly offers courses in German literature and culture in English for students who do not study the German language. The department also participates in Columbia's excellent program in comparative literature and society.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP German Language exam, which satisfies the foreign language

requirement. Credit is awarded upon successful completion of a 3000-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in German. Courses taught in English may not be used for language AP credit. The department grants 0 credits for a score of 4 on the AP German Language exam, but the foreign language requirement is satisfied.

THE YIDDISH STUDIES PROGRAM

The Yiddish Studies Program at Columbia University, the global leader in Yiddish scholarship and teaching, focuses on the experiences and cultural efflorescence of Ashkenazic Jewry over a thousand years and five continents. It is a perfect exemplar of Columbia's interests in global and transnational study, weaving together language, literature, and culture in a way that echoes the best of Columbia's justly famed humanities programs.

The program in Yiddish studies offers both the undergraduate Major and Concentration, in addition to graduate studies leading to the Ph.D. In both the undergraduate and graduate program, emphasis is placed not merely on acquiring linguistic proficiency and textual study, but also viewing Yiddish literature in a larger cultural and interdisciplinary context. The graduate program, the only degree-granting Yiddish Studies Program in the United States, is considered one of the world's most important, with its graduates holding many of the major university positions in the field.

Students of Yiddish have ample opportunities to enhance their studies through a number of fellowships. The Naomi Fellowship, a fully-subsidized Yiddish Study Abroad program allows students to explore Yiddish culture and history in Israel and Poland. The Irene Kronhill Pletka YIVO Fellowship enables students to expand on their archival research skills in New York. Upon graduation, our majors compete successfully for Fulbright and other prestigious scholarships, and are highly qualified to pursue careers in humanities, social sciences, as well as artistic and professional careers.

Students work with faculty in Germanic languages, Jewish studies, history, and Slavic studies to broaden their understanding of the literature, language, and culture of Eastern European Jewry. The Yiddish Studies Program is also closely affiliated with the Institute for Israel and Jewish Studies, which offers diverse programming and other fellowship opportunities. Classes are small, and instruction is individualized and carefully directed to ensure that students gain both a thorough general grounding and are able to pursue their own particular interests in a wide-spanning field. The program also offers classes taught in translation for students who do not study Yiddish. The Yiddish programming, such as lectures, monthly conversation hours, Meet a Yiddish Celebrity series, as well as the activities of the Yiddish Club of Columbia's Barnard/Hillel allows students to explore Yiddish culture outside the classroom.

THE GERMAN LANGUAGE PLACEMENT EXAM

The German Language Placement exam is offered periodically to those students who already speak the language, in order to determine their proficiency level (A, B or C). For more information, and for the latest exam dates, please click [here](#).

THE GERMAN LANGUAGE PROGRAM

First- and second-year German language courses emphasize spoken and written communication, and provide a basic introduction to German culture. Goals include mastery of the structure of the language and enough cultural understanding to interact comfortably with native speakers.

After successfully completing the elementary German sequence, GERM UN1101 ELEMENTARY GERMAN I-GERM UN1102 ELEMENTARY GERMAN II, students are able to provide information about themselves, their interests, and daily activities. They can participate in simple conversations, read edited texts, and understand the main ideas of authentic texts. By the end of GERM UN1102 ELEMENTARY GERMAN II, students are able to write descriptions, comparisons, and creative stories, and to discuss general information about the German-speaking countries.

The intermediate German sequence, GERM UN2101 INTERMEDIATE GERMAN I-GERM UN2102 INTERMEDIATE GERMAN II, increases the emphasis on reading and written communication skills, expands grammatical mastery, and focuses on German culture and literary texts. Students read short stories, a German drama, and increasingly complex texts. Regular exposure to video, recordings, the World Wide Web, and art exhibits heightens the cultural dimensions of the third and fourth semesters. Students create portfolios comprised of written and spoken work.

Upon completion of the second-year sequence, students are prepared to enter advanced courses in German language, culture, and literature at Columbia and/or at the Berlin Consortium for German Studies in Berlin. Advanced-level courses focus on more sophisticated use of the language structure and composition (GERM UN3001 ADVANCED GERMAN I-GERM UN3002 ADVANCED GERMAN II); on specific cultural areas; and on literary, historical, and philosophical areas in literature-oriented courses (GERM UN3333 INTRO TO GERMAN LIT (GERMAN)).

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT IN GERMAN

Students beginning the study of German at Columbia must take four terms of the following two-year sequence:

GERM UN1101	ELEMENTARY GERMAN I
GERM UN1102	ELEMENTARY GERMAN II
GERM UN2101	INTERMEDIATE GERMAN I
GERM UN2102	INTERMEDIATE GERMAN II

Entering students are placed, or exempted, on the basis of their College Board Achievement or Advanced Placement scores, or their scores on the placement test administered by the departmental language director. Students who need to take GERM UN1101 ELEMENTARY GERMAN I-GERM UN1102 ELEMENTARY GERMAN II may take GERM UN1125 Accelerated Elementary German I & II as preparation for GERM UN2101 INTERMEDIATE GERMAN I.

UNIVERSITY STUDY IN BERLIN

The Berlin Consortium for German Studies provides students with a study abroad program, administered by Columbia, which includes students from the other consortium member schools (Princeton, Yale, University of Pennsylvania, Johns Hopkins, and the University of Chicago). Under the guidance of a senior faculty member, the program offers a home stay with a German family, intensive language instruction, and study in regular German university courses at the Freie Universität Berlin.

For additional information on the Berlin Consortium, see the *Study Abroad—Sponsored Programs* section in this Bulletin, visit the [Center for Undergraduate Global Engagement](#), or consult the program's office in 606 Kent Hall; 212-854-2559; berlin@columbia.edu.

DEUTSCHES HAUS

Deutsches Haus, 420 West 116th Street, provides a center for German cultural activities on the Columbia campus. It sponsors lectures, film series, and informal gatherings that enrich the academic programs of the department. Frequent events throughout the fall and spring terms offer students opportunities to practice their language skills.

GRADING

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

DEPARTMENTAL HONORS

Normally no more than 10% of graduating majors receive departmental honors in a given academic year. For the requirements for departmental honors, see the director of undergraduate studies.

PROFESSORS

Mark Anderson (on leave, Fall 2022)
 Stefan Andriopoulos (on leave, AY2022-2023)
 Claudia Breger (Chair)
 Jeremy Dauber (on leave, AY2022-2023)
 Andreas Huyssen (emeritus)
 Harro Müller (emeritus)

Dorothea von Mücke (on leave, Spring 2023)
Annie Pfeifer
Oliver Simons

SENIOR LECTURERS

Wijnie de Groot (Dutch)
Jutta Schmiers-Heller (German)

LECTURERS

Agnieszka Legutko (Yiddish)
Simona Vaidean (German)

MAJOR IN GERMAN LITERATURE AND CULTURAL HISTORY

The goal of the major is to provide students with reasonable proficiency in reading a variety of literary, philosophical, and historical texts in the original and, through this training, to facilitate a critical understanding of modern German-speaking cultures and societies. Students should plan their program of study with the director of undergraduate studies as early as possible. Competence in a second foreign language is strongly recommended, especially for those students planning to attend graduate school.

The major in German literature and cultural history requires a minimum of 30 points, distributed as follows:

GERM UN3001	ADVANCED GERMAN I (can be waived and replaced by another 3000 level class upon consultation with the DUS)
or GERM UN3002	ADVANCED GERMAN II

GERM UN3333	INTRO TO GERMAN LIT (GERMAN)
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Select two of the following survey courses in German literature and culture (at least one of these must focus on pre-20th-century cultural history):

GERM UN3442	Literature in the 18th and 19th Centuries
GERM UN3443	SURVEY OF GERMAN LIT:19C (GER)
GERM UN3444	SURVEY OF GERMAN LIT:20C (GER)
GERM UN3445	German Literature After 1945 [In German]

One course in German intellectual history

GERM UN3991	Advanced Topics in German Literature
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The remaining courses to be chosen from the 3000- or 4000-level offerings in German and Comparative Literature—German in consultation with the Director of Undergraduate Studies.

Senior Thesis

A senior thesis is not required for the major. Students interested in a senior thesis or research project may do so through

independent study with a faculty member over one or two semesters.

MAJOR IN YIDDISH STUDIES

The program is designed as a combination of language and content courses. First- and second-year Yiddish language courses emphasize spoken and written communication, and provide a basic introduction to Eastern European Jewish culture. Goals include mastery of the structure of the language and enough cultural understanding to interact comfortably with native speakers.

After second-year Yiddish language courses are completed, students should feel sufficiently comfortable to begin to work with Yiddish literature in the original. Upper-level undergraduate/graduate courses are designed to accommodate students with a range of Yiddish language experience, and intensive language summer study abroad, such as the Naomi Prawer Kadar International Yiddish Summer Program (the Yiddish Studies program at Columbia offers the fully-subsidized Naomi Fellowship for students of Yiddish), or other academic summer programs, is also encouraged for improvement in language acquisition and comprehension.

The goal is to provide students with reasonable proficiency in reading a variety of literary, philosophical, and historical texts in the original and, through this training, to provide them with a critical understanding of Yiddish-speaking culture and society.

The second pillar of the Yiddish program is an intimate exposure to the literature and culture of the Yiddish-speaking Jewry. That exposure is achieved through several courses in Yiddish literature, which, although they may cover a variety of subjects or proceed from a number of methodological and disciplinary orientations, share a rigorous commitment to analyzing and experiencing that literature within an overarching historical and cultural framework.

These courses in Yiddish literature, culture and Jewish history will provide students with a solid interdisciplinary foundation in Yiddish studies. Inevitably and necessary, these courses, whether taught in Yiddish, English, or in a combination of the Yiddish text and English language instruction – cover the sweep of Yiddish literary history from the early modern period to today.

Students should plan their program of study with the director of undergraduate studies as early as possible. There is a prerequisite of two years of Yiddish, or equivalent to be demonstrated through testing.

The Major in Yiddish Studies requires a minimum of 30 points, distributed as follows:

1. **Two courses of advanced language study** (6 points);
YIDD UN3101, YIDD UN3102

2. **Three courses in Yiddish literature** (9 points); e.g. YIDD UN3500, YIDD GU4420
3. **At least one course related to a senior thesis** (3 points);
4. **Four related courses, at least one of which is in medieval or modern Jewish history** (12 points); e.g. HIST UN4604, YIDD GU4113.

A senior thesis **is required** for the Major in Yiddish Studies. Students interested in a senior thesis or research project may do so through independent study with a faculty member over one or two semesters. Students must conduct original research, some of which must take place in the Yiddish language, and are required to submit a culminating paper, of no less than 35 pages.

Elective courses: Elective courses can be taken at Columbia as well as at affiliated institutions such as the Jewish Theological Seminary, Barnard College, New York University, etc. Columbia's arrangements with the joint degree appointing program at JTS, i.e. JTS and GS Joint program with List College, offers students exposure to a wide variety of courses on Yiddish and Yiddish-related topics taught by experts in the field of Yiddish and comparative Jewish literature such as Profs. David Roskies and Barbara Mann.

Thanks to the consortial arrangements with other universities in the New York area (Barnard, NYU, Yale, Penn, etc.) students both in Columbia College and General Studies, can take courses at these institutions for degree credit, which allows for student exposure to experts in twentieth-century Soviet Yiddish literature, Yiddish women's writing, Yiddish literature in Israel, and much more (Profs. Gennady Estrakh, Kathryn Hellerstein, and Hannan Hever). These arrangements allow students to have, if they so choose, an even broader intellectual experience than the already broad interdisciplinary opportunities available to them via the courses offered by the faculty on the Interdisciplinary Committee on Yiddish at Columbia.

Language courses need to be taken at Columbia.

Honors options: Departmental Honors in Yiddish Studies can be granted to a total of 10% of the students graduating with the Major in Yiddish Studies in a given year across both Columbia College and General Studies.

CONCENTRATION IN GERMAN LITERATURE AND CULTURAL HISTORY

The concentration in German literature and cultural history requires a minimum of 21 points in German courses.

GERM UN3333 INTRO TO GERMAN LIT
(GERMAN)

At least one of the period survey courses in German literature and culture

GERM UN3442 Literature in the 18th and 19th Centuries

GERM UN3443 SURVEY OF GERMAN LIT:19C (GER)

GERM UN3444 SURVEY OF GERMAN LIT:20C (GER)

GERM UN3445 German Literature After 1945 [In German]

GERM UN3991 Advanced Topics in German Literature

The remaining courses to be chosen from the 3000- or 4000-level offerings in German and Comparative Literature in consultation with the Director of Undergraduate Studies

CONCENTRATION IN YIDDISH STUDIES

The concentration in Yiddish studies requires a minimum of 21 points, distributed as follows:

1. **Two courses of advanced language study** (6 points); YIDD UN3101, YIDD UN3102
2. **Two courses in Yiddish literature** (6 points); e.g. YIDD UN3500, YIDD GU4420
3. **Three related courses, at least one of which is in medieval or modern Jewish history** (9 points); e.g. HIST UN4604, YIDD GU4113.

SPECIAL CONCENTRATION IN GERMAN FOR COLUMBIA COLLEGE AND SCHOOL OF GENERAL STUDIES STUDENTS IN STEM FIELDS

The special concentration in German requires a minimum of 15 points.

GERM UN3333 INTRO TO GERMAN LIT
(GERMAN)

At least one of the period survey courses in German Literature and Culture

GERM UN3442 Literature in the 18th and 19th Centuries

GERM UN3443 SURVEY OF GERMAN LIT:19C (GER)

GERM UN3444 SURVEY OF GERMAN LIT:20C (GER)

GERM UN3445 German Literature After 1945 [In German]

GERM UN3991 Advanced Topics in German Literature

Two courses to be chosen from the 3000- or 4000-level (taught in German or English) offerings in German and Comparative Literature German in consultation with the Director of Undergraduate Studies

COMPARATIVE LITERATURE- GERMAN

CLGR UN3000 Grimms' Fairy Tales: Power, Gender # Narrative. 3.00 points.

Although the first volume of the Grimms' Children Stories and Household Tales was published more than 200 years ago, their fairy tales continue to enchant readers. In this course we will not only study the Grimms' fairy tales themselves, but also examine their origins and their social, ideological, and political contexts in 19th-century Europe. We will work with fairy tale theory (narrative, psychoanalytic, historical) and discuss the function of the tales as folklore as well as their status as children's literature. Alongside the "original" Grimms' tales—a concept that we will discuss—a major portion of the course will engage the legacy of the fairy tales and the way they have been appropriated by others, particularly from a critical, feminist perspective. Points of emphasis will include: how writers in the first half of the 20th century politicized the tales in the battle for social change during the time of the Weimar Republic and Nazi Germany; how the tales were reinterpreted in different national traditions and historical periods; how the fairy tale become a mass culture icon in Disney's film versions; and how contemporary writers like Margaret Atwood continue to employ tales in questioning and challenging traditional constructions of gender

Fall 2022: CLGR UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGR 3000	001/11947	M W 1:10pm - 2:25pm 516 Hamilton Hall	Annie Pfeifer	3.00	50/50
CLGR 3000	AU1/18516	M W 1:10pm - 2:25pm 516 Hamilton Hall	Annie Pfeifer	3.00	8/7

CLGR GU4130 LIT THRY:NIETZSCHE-AGAMBEN(ENG). 3.00 points.

A survey of the most influential literary theories of the twentieth century, this seminar will discuss seminal contributions to hermeneutics, psychoanalysis, structuralism, deconstruction, discourse analysis, and gender theory. Each section will juxtapose two representative authors whose texts either complement or contradict one another. Based on close readings of exemplary texts, we will explore basic concepts of these theories and examine their intersections and differences. A second focal point of the seminar will be on applications of theory to literature. We will analyze their reformulation as methodologies in literary studies and discuss how they influenced different approaches to literature. The aim of the seminar will ultimately be to scrutinize critically these "applications" of theory to literature. Readings and discussions in English. No prior knowledge of literary theories required

Spring 2023: CLGR GU4130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CLGR 4130	001/11867	M 10:10am - 12:00pm 301m Fayerweather	Oliver Simons	3.00	21/25
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CLGR GU4270 PARADIGMS OF THE EURO NOVEL. 3.00 points.

In the wealth of plots, characters, settings, descriptive details and narrative strategies it has generated over the course of three centuries, the European novel has proved to be one of the most inventive and resilient forms of Western literature. Nonetheless, certain paradigms have predominated from the beginning, two of which will form the center of this course: 1) the illusion of a "true," that is historically grounded story, and 2) the bourgeois family as an organizing narrative principle. This course will analyze seven strikingly diverse European novels from Spain, England, France and Austria in order to show the continuity through variation of these two paradigms. Students will read some of the major theorists of the novel (Auerbach, Watt, Bakhtin, Moretti), but the emphasis will be on developing a theory based on the novels themselves. All readings and discussions in English, though reference will frequently be made to the particular linguistic and historical circumstances of the original texts. Students will write weekly response papers to the literary and critical texts, do one in-class presentation, and write a final paper of 15 to 20 pages

Spring 2023: CLGR GU4270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLGR 4270	001/14777	M 12:10pm - 2:00pm 302 Fayerweather	Mark Anderson	3.00	3/25

COMPARATIVE LITERATURE- YIDDISH DUTCH

DTCH UN1101 ELEMENTARY DUTCH I. 4.00 points.

Fundamentals of grammar, reading, speaking, and comprehension of the spoken language. During the spring term supplementary reading is selected according to students' needs

Fall 2022: DTCH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 1101	001/11948	M W 6:10pm - 8:00pm 254 International Affairs Bldg	Wijnie de Groot	4.00	19/18
DTCH 1101	002/11949	T Th 2:10pm - 4:00pm 352c International Affairs Bldg	Pieter Lauwaert	4.00	17/16

DTCH UN1102 ELEMENTARY DUTCH II. 4.00 points.

Fundamentals of grammar, reading, speaking, and comprehension of the spoken language. During the spring term supplementary reading is selected according to students' needs

Spring 2023: DTCH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DTCH 1102	001/12307	M W 6:10pm - 8:00pm 253 International Affairs Bldg	Wijnie de Groot	4.00	18/21	
DTCH 1102	002/14704	T Th 2:10pm - 4:00pm 352c International Affairs Bldg	Pieter Lauwaert	4.00	14/18	

DTCH UN2101 INTERMEDIATE DUTCH I. 4.00 points.

Prerequisites: DTCH UN1101-UN1102 or the equivalent.

Prerequisites: DTCH UN1101-UN1102 or the equivalent.

Continued practice in the four skills (aural comprehension, reading, speaking, and writing); review and refinement of basic grammar; vocabulary building. Readings in Dutch literature

Fall 2022: DTCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 2101	001/11950	M W 4:10pm - 6:00pm 352c International Affairs Bldg	Wijnie de Groot	4.00	16/16

DTCH UN2102 INTERMEDIATE DUTCH II. 4.00 points.

Prerequisites: DTCH UN1101-UN1102 or the equivalent.

Prerequisites: DTCH UN1101-UN1102 or the equivalent.

Continued practice in the four skills (aural comprehension, reading, speaking, and writing); review and refinement of basic grammar; vocabulary building. Readings in Dutch literature

Spring 2023: DTCH UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 2102	001/12309	M W 4:10pm - 6:00pm 224 Pupin Laboratories	Wijnie de Groot	4.00	15/18

DTCH UN3101 ADVANCED DUTCH I. 3.00 points.

This advanced course is a content-based language course, and is centered around the history of the Low Countries. Each week focuses on a specific era, such as the counts of Holland in the 13th century and the Reformation in the 16th century. Students will read texts about history and literature of the historical periods. Students will read texts at home and discuss them in class, explore history-related websites and watch short video clips. Attention will be paid to advanced grammar issues and vocabulary

Fall 2022: DTCH UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3101	001/11951	M W 1:15pm - 2:30pm 205 Deutsches Haus	Wijnie de Groot	3.00	2/18

DTCH UN3102 ADVANCED DUTCH II. 3.00 points.

see department for details

Spring 2023: DTCH UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3102	001/12312	M W 1:15pm - 2:30pm	Wijnie de Groot	3.00	7/18

352b International
Affairs Bldg**DTCH UN3994 SPECIAL READING COURSE. 1.00 points.**

See department for course description

Spring 2023: DTCH UN3994

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3994	001/12313	T 10:30am - 11:45am 313 Hamilton Hall	Wijnie de Groot	1.00	1/5

FINNISH**FINN UN1101 ELEMENTARY FINNISH I. 4.00 points.**

Fundamentals of grammar and lexicon. Building proficiency in aural comprehension, reading, speaking, and writing. Linguistic structures in the cultural context

Fall 2022: FINN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1101	001/11975	T Th 5:10pm - 7:00pm 352b International Affairs Bldg	Heli Sirvioe	4.00	6/18

FINN UN1102 ELEMENTARY FINNISH II. 4.00 points.

Fundamentals of grammar and lexicon. Building proficiency in aural comprehension, reading, speaking, and writing. Linguistic structures in the cultural context

Spring 2023: FINN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1102	001/12640	T Th 5:10pm - 7:00pm 352b International Affairs Bldg	Heli Sirvioe	4.00	7/15

GERMAN**GERM UN1101 ELEMENTARY GERMAN I. 4.00 points.**

Upon completion of the course, students understand, speak, read, and write German at a level enabling them to communicate with native speakers about their background, family, daily activities, student life, work, and living quarters. Emphasis is placed on acquiring the four language skills--listening, speaking, reading and writing--within a cultural context. Daily assignments and consistent work are necessary in order to achieve basic communicative proficiency. Daily assignments and consistent work are the basis for achieving basic communicative proficiency

Fall 2022: GERM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1101	001/11952	T Th F 8:40am - 9:55am 609 Hamilton Hall	Iloe Ariss	4.00	8/15
GERM 1101	002/11953	M T Th 11:40am - 12:55pm 609 Hamilton Hall	Romney Walker Wood	4.00	15/15
GERM 1101	003/11954	M W Th 2:40pm - 3:55pm 313 Hamilton Hall	Jutta Schmiers- Heller	4.00	14/15

GERM 1101	004/11956	T Th 6:10pm - 8:00pm 313 Hamilton Hall	Young Na	4.00	14/15
GERM 1101	005/11957	M W 6:10pm - 8:00pm 313 Hamilton Hall	Evan Parks	4.00	13/15

Spring 2023: GERM UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1101	001/12681	T Th F 8:40am - 9:55am 313 Hamilton Hall	Young Na	4.00	10/15
GERM 1101	002/12682	M W Th 11:40am - 12:55pm 313 Hamilton Hall	Iloe Ariss	4.00	14/15
GERM 1101	003/12684	T Th 6:10pm - 8:00pm 313 Hamilton Hall	Romney Walker Wood	4.00	13/15

GERM UN1102 ELEMENTARY GERMAN II. 4.00 points.

Prerequisites: GERM UN1101 or the equivalent.

Prerequisites: GERM UN1101 or the equivalent. Students expand their communication skills to include travel, storytelling, personal well-being, basic economics, and recent historical events. Emphasis is placed on acquiring the four language skills--listening, speaking, reading and writing--within a cultural context. Daily assignments and consistent work are necessary in order to achieve basic communicative proficiency

Fall 2022: GERM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1102	001/11958	M W Th 11:40am - 12:55pm 313 Hamilton Hall	Simona Vaidean	4.00	9/15
GERM 1102	002/11959	M W Th 2:40pm - 3:55pm 609 Hamilton Hall	Simona Vaidean	4.00	6/15
GERM 1102	003/11960	T Th 6:10pm - 8:00pm 315 Hamilton Hall	Maiken Kaczmar	4.00	4/15

Spring 2023: GERM UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1102	001/12692	M W Th 8:40am - 9:55am 315 Hamilton Hall	Simona Vaidean	4.00	12/15
GERM 1102	002/12691	M T Th 11:40am - 12:55pm 424 Pupin Laboratories	Sybille Rinkert-Garcia	4.00	10/15
GERM 1102	003/12693	M W Th 2:40pm - 3:55pm 313 Hamilton Hall	Jutta Schmiere-Heller	4.00	15/15
GERM 1102	004/13057	T Th 6:10pm - 8:00pm 315 Hamilton Hall	Maiken Kaczmar	4.00	9/15

GERM UN2101 INTERMEDIATE GERMAN I. 4.00 points.

Prerequisites: GERM UN1102 or the equivalent.

Prerequisites: GERM UN1102 or the equivalent. Intermediate German UN2101 is conducted entirely in German and emphasizes the four basic language skills, cultural awareness, and critical thinking. A wide range of topics (from politics and poetry to art) as well as authentic materials (texts, film, art, etc.)

are used to improve the 4 skills. Practice in conversation aims at enlarging the vocabulary necessary for daily communication. Grammar is practiced in the context of the topics. Learning and evaluation are individualized (individual vocabulary lists, essays, oral presentations, final portfolio) and project-based (group work and final group project)

Fall 2022: GERM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2101	002/11963	M W Th 10:10am - 11:25am 313 Hamilton Hall	Simona Vaidean	4.00	13/15
GERM 2101	003/11964	M W Th 11:40am - 12:55pm 302 Alfred Lerner Hall	Carl Claussen	4.00	9/15
GERM 2101	004/00112	T Th 6:10pm - 8:00pm 302 Milbank Hall	Irene Motyl	4.00	11/15

Spring 2023: GERM UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2101	001/12702	M W Th 10:10am - 11:25am 509 Hamilton Hall	Simona Vaidean	4.00	8/15
GERM 2101	002/12704	M T Th 11:40am - 12:55pm 315 Hamilton Hall	Nathaniel Wagner	4.00	4/15

GERM UN2102 INTERMEDIATE GERMAN II. 4.00 points.

Prerequisites: GERM UN2101 or the equivalent.

Prerequisites: GERM UN2101 or the equivalent. Intermediate German UN2102 is conducted entirely in German and emphasizes the four basic language skills, cultural awareness, and critical thinking. A wide range of topics (from politics and poetry to art) as well as authentic materials (texts, film, art, etc.) are used to improve the 4 skill. Practice in conversation aims at enlarging the vocabulary necessary for daily communication. Grammar is practiced in the context of the topics. Learning and evaluation are individualized (individual vocabulary lists, essays, oral presentations, final portfolio) and project-based (group work and final group project)

Fall 2022: GERM UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2102	001/12682	M W Th 11:40am - 12:55pm 568 Alfred Lerner Hall	Uta Habbig	4.00	10/15
GERM 2102	002/12683	T Th 6:10pm - 8:00pm 316 Hamilton Hall	Laura Tedford	4.00	9/15

Spring 2023: GERM UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2102	001/12712	M W Th 10:10am - 11:25am 407 Mathematics Building	Laura Tedford	4.00	10/15
GERM 2102	002/12718	M W Th 11:40am - 12:55pm 316 Hamilton Hall	Uta Habbig	4.00	12/15

GERM 003/00029 T Th 6:10pm - Irene Motyl 4.00 12/15
2102 8:00pm
302 Milbank Hall

GERM UN2521 INTERMEDIATE CONVERSATION I. 2.00 points.

Prerequisites: GERM UN1102 or the equivalent, or placement by the Director of German Language Program

Corequisites: GERM UN1201

Prerequisites: Completion of GERM UN1101 and UN1102 or the equivalent This 2-point conversation group is designed for students who are now taking Intermediate German UN2101 or who wish to maintain their spoken German at least at the advanced intermediate level. The course is designed to improve your ability to speak and understand and manage German in everyday situations; to provide opportunities to participate in conversational situations on any topics you are interested in; to strengthen and acquire skills to understand German spoken at normal conversational speed; to expand active and passive vocabularies speaking skills; and to maintain a certain level of written German through short written activities. This course does not count towards the language requirement

Fall 2022: GERM UN2521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2521	001/11965	M W 6:10pm - 7:25pm 316 Hamilton Hall	Didi Tal	2.00	5/15

GERM UN2522 INTERMEDIATE CONVERSATION II. 2.00 points.

Prerequisites: Completion UN2101, or the equivalent This 2-point conversation group is designed for students who are now taking Intermediate German UN2102 or who wish to maintain their spoken German at least at the advanced intermediate level. The course is designed to improve your ability to speak and understand and manage German in everyday situations; to provide opportunities to participate in conversational situations on any topics you are interested in; to strengthen and acquire skills to understand German spoken at normal conversational speed; to expand active and passive vocabularies speaking skills; and to maintain a certain level of written German through short written activities. This course does not count towards the language requirement

Spring 2023: GERM UN2522

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 2522	001/12848	T Th 6:10pm - 7:25pm 318 Hamilton Hall	Carl Claussen	2.00	10/15

GERM UN3001 ADVANCED GERMAN I. 3.00 points.

Prerequisites: GERM UN2102 or the Director of the German Language Program's permission.

Prerequisites: GERM UN2102 or the Director of the German Language Program's permission. German UN3001 is an ambitious socio-cultural exploration of Berlin. Designed to follow up the language skills acquired in first- and second-year language courses (or the equivalent thereof), this course gives

students greater proficiency in speaking, reading, and writing German while focusing on topics from German society today through German newspapers and periodicals through the lens of Germany's capital, Berlin. The course represents a gateway class to literature courses. This course counts towards the major and concentration

Fall 2022: GERM UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3001	001/11966	M W 11:40am - 12:55pm 316 Hamilton Hall	Jutta Schmiers-Heller	3.00	8/15

GERM UN3333 INTRO TO GERMAN LIT (GERMAN).

3.00 points.

Prerequisites: GERM UN2102 or the equivalent.

Prerequisites: GERM UN2102 or the equivalent. Examines short literary texts and various methodological approaches to interpreting such texts in order to establish a basic familiarity with the study of German literature and culture

Fall 2022: GERM UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3333	001/11967	M W 10:10am - 11:25am 315 Hamilton Hall	Dorothea von Muecke	3.00	10/25
GERM 3333	AU1/18517	M W 10:10am - 11:25am 315 Hamilton Hall	Dorothea von Muecke	3.00	1/2

GERM UN3335 ADVANCD CONVERSTN # COMPOSTN I. 2.00 points.

Prerequisites: GERM UN2102 or the equivalent This two-point course is designed to strengthen both oral and written communication and the ability to engage in critical analysis in German. Students will develop interpretative skills needed for communicating questions, ideas, and opinions; build vocabulary; interact comfortably with various forms of media; and communicate new skills through discussions, various writing assignments, and a presentation. This course does not fulfill degree requirements

Spring 2023: GERM UN3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3335	001/15084	T Th 10:10am - 11:25am 408a Philosophy Hall	Luca Arens	2.00	3/15

GERM UN3442 Literature in the 18th and 19th Centuries.

3.00 points.

Prerequisites: GERMUN3333

Prerequisite OR Corequisite: GERMUN3333 This class will provide an introduction to the rich and varied forms of literary production between 1750 and 1900 by focusing on the culture of Sensibility, the Enlightenment, Storm and Stress, Romanticism, the "Vormärz" and Realism. We will situate major literary innovations of the 18th century in the context of changing reading and theater cultures and focus primarily on Lessing's innovative domestic tragedy, and on poems and an

epistolary novel by Goethe. Then we will discuss the literary production of the 19th century by analyzing changing concepts of art, music and literature during those times of great social and political change. We will study (and translate) poems, and read pamphlets and novellas by Tieck, Kleist, Hölderlin, Novalis, Brentano, Eichendorff, Günderröde, Droste-Hülshoff, Heine, Büchner, Mörike, Keller and Fontane. **This course is taught entirely in German

Fall 2022: GERM UN3442

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3442	AU1/18518	M W 4:10pm - 5:25pm 313 Hamilton Hall	Dorothea von Muecke	3.00	2/2

GERM UN3675 GERMAN LIT-WORLD CONTEXT (ENG). 3.00 points.

This seminar explores the development of German Studies through a transnational lens. Topics may vary by semester. All readings and discussions in English; no German required

Spring 2023: GERM UN3675

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3675	002/15411	T Th 11:00am - 12:15pm 404 Hamilton Hall	Mark Anderson	3.00	4/25

GERM UN3780 BERL/

ISTANBUL:MIGRATN,CLTR,VAL. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An intensive seminar analyzing questions of migration, identity, (self-) representation, and values with regard to the Turkish minority living in Germany today. Starting with a historical description of the „guest worker“ program that brought hundreds of thousands of Turkish nationals to Germany in the 1960s and 1970s, the course will focus on the experiences and cultural production of the second and third generations of Turkish Germans, whose presence has profoundly transformed German society and culture. Primary materials include diaries, autobiographies, legal and historical documents, but the course will also analyze poetry, novels, theater plays and films. In German

Spring 2023: GERM UN3780

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3780	001/12327	T 2:10pm - 4:00pm 707 Hamilton Hall	Claudia Breger	3.00	13/25

GERM GU4141 Race and Germany. 3.00 points.

This seminar gives in-depth consideration to shifting ideas and paradigms about race in German culture by tracing their associations with colonialism, slavery, eugenics, Nazism, and the contemporary rise of right-wing populism. In order to explore these evolving and sometimes interrelated notions of race and racism, this seminar brings together a study of anti-Semitism, anti-Blackness, Islamophobia, and other forms of racism. In addition to its study of prejudice, this seminar examines the experiences of minoritized communities in the German-speaking world. How do “non-white” Germans

challenge German historical narratives and models of identity? How do discourses of race, discrimination, and solidarity politics contribute to contemporary understandings and misunderstandings of racism in Germany?

Fall 2022: GERM GU4141

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 4141	001/13947	T 2:10pm - 4:00pm 332 Uris Hall	Annie Pfeifer	3.00	11/25
GERM 4141	AU1/18519	T 2:10pm - 4:00pm Sat Alfred Lerner Hall	Annie Pfeifer	3.00	11/10

GERM UN3991 Advanced Topics in German Literature.

3.00 points.

“Advanced Topics in German Literature” is open to seniors and other advanced undergraduate students who have taken Intro to German Literature (GERM 3333) or an equivalent class. The seminar provides students the opportunity to closely examine a topic from a variety of perspectives and theoretical approaches. Readings and discussion in German. The course is repeatable for credit

Spring 2023: GERM UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3991	002/15396	T 4:10pm - 6:00pm 406 Hamilton Hall	Annie Pfeifer	3.00	8/20

GERM GU4350 GERMAN FILM AFTER 1945. 3.00 points.

This introduction to German film since 1945 (in its European contexts) deploys a focus on feelings as a lens for multifaceted, intersectional investigations of cinematic history. We will explore how feelings have been gendered and racialized; how they overlap with matters of sex (as closely associated with political revolt in Western Europe, while considered too private for public articulation in the socialist East, especially when queer); and how they foreground matters of nation and trauma (for example via the notions of German ‘coldness’ and inability to mourn the Holocaust). Simultaneously, the focus on feelings highlights questions of mediality (cinema as a prototypically affective medium?), genre and avant-garde aesthetics: in many films, ‘high-affect’ Hollywood cinema intriguingly meets ‘cold’ cinematic modernism. In pursuing these investigative vectors through theoretical readings and close film analysis, the course connects affect, gender, queer, and cultural studies approaches with cinema studies methodologies. The films to be discussed span postwar and New German Cinema, East German DEFA productions, the ‘Berlin School’ of the 2000s, and contemporary transnational cinema

Fall 2022: GERM GU4350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 4350	001/11968	W 2:10pm - 4:00pm 318 Hamilton Hall	Claudia Breger	3.00	20/25

GERM GU4445 BRECHT. 3.00 points.

Spring 2023: GERM GU4445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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GERM 001/12607 W 4:10pm - 6:00pm Stefan 3.00 6/25
4445 315 Hamilton Hall Willer

GERM GU4670 MARX, NIETZSCHE, FREUD [IN ENGLISH]. 3.00 points.

Along with Darwin, Marx, Nietzsche and Freud have radically altered what and how we know; about humans, language, history, religion, things and life. Because their thought has shaped our sense of ourselves so fundamentally, Michel Foucault has referred to these three authors as discourse-founders. As such they will be treated in this class. Special attention will be paid to the affinities and competition among their approaches. Secondary sources will be subject to short presentations (in English) of those students capable of reading German

Fall 2022: GERM GU4670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 4670	001/11970	M 12:10pm - 2:00pm 303 Hamilton Hall	Oliver Simons	3.00	30/35

SWEDISH

SWED UN1101 ELEMENTARY SWEDISH I. 4.00 points.

The goal of this course is to introduce students to the Swedish language as it is spoken in Sweden today. The class will also introduce important aspects of contemporary Swedish culture, historical figures and events, and Swedish traditions. Upon the completion of the course, students who have attended class regularly have submitted all assignments and taken all tests and quizzes should be able to: provide basic information in Swedish about themselves, families, interests, food, likes and dislikes, daily activities; understand and participate in a simple conversation on everyday topics (e.g. occupation, school, meeting people, food, shopping, hobbies, etc.); read edited texts on familiar topics, understand the main ideas and identify the underlying themes; pick out important information from a variety of authentic texts (e.g. menus, signs, schedules, websites, as well as linguistically simple literary texts such as songs and rhymes); fill in forms requesting information, write letters, notes, postcards, or messages providing simple information; provide basic information about Sweden and the rest of the Nordic countries (e.g. languages spoken, capitals, etc); use and understand a range of essential vocabulary related to everyday life (e.g. days of the week, colors, numbers, months, seasons, telling time, foods, names of stores, family, common objects, transportation, basic adjectives etc.) pronounce Swedish well enough and produce Swedish with enough grammatical accuracy to be comprehensible to a Swedish speaker with experience in speaking with non-natives. use and understand basic vocabulary related to important aspects of contemporary Swedish culture and Swedish traditions (e.g. Christmas traditions, St. Lucia, etc.). Methodology The class will be taught in a communicative way. It will be conducted primarily, but not exclusively in Swedish. In-class activities and homework assignments will focus on developing speaking, reading, writing, listening skills, and a

basic understanding of Swedish culture through interaction. Authentic materials will be used whenever possible

Fall 2022: SWED UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 1101	001/11974	M W 10:10am - 12:00pm 352c International Affairs Bldg	Heli Sirvioe	4.00	18/18

SWED UN1102 ELEMENTARY SWEDISH II. 4.00 points.

This course is a continuation of the introductory Swedish 101 course. It will introduce you to the Swedish language as it is used in Sweden today. You will also learn about aspects of contemporary Swedish culture, main events and figures in Swedens history, and Swedish traditions. Upon the completion of the course, students who have attended class regularly, have submitted all assignments and taken all tests and quizzes should be able to: talk about themselves, families, interests, likes and dislikes, daily activities, education, professional interests and future plans in some detail; understand and participate in a simple conversation on everyday topics such as educational choices, subjects, plans for the weekend and the holidays, places to live, transportation, etc read and fully comprehend edited texts on familiar topics understand the main ideas and identify the underlying themes in original texts such as literary fiction, film, and newspaper articles write short essays on a familiar topic using the relevant vocabulary understand and utilize the information in a variety of authentic texts (e.g. menus, signs, train schedules, websites) carry out simple linguistic tasks that require speaking on the phone (e.g. setting up an appointment, asking questions about an announcement, talking to a friend) fill in forms requesting information, write letters, e-mails, notes, post cards, or messages providing simple information; provide basic information about Sweden including: Swedens geography, its political system and political parties, educational system, etc. discuss and debate familiar topics recognize significant figures from Swedens history and literary history use and understand basic vocabulary related to important aspects of contemporary Swedish culture and Swedish traditions and contemporary lifestyles in Sweden. pronounce Swedish well enough and produce Swedish with enough grammatical accuracy to be comprehensible to a Swedish speaker with experience in speaking with non-natives. Methodology The class will be taught in a communicative way. It will be conducted primarily, but not exclusively in Swedish. In-class activities and homework assignments will focus on developing speaking, reading, writing, listening skills and a basic understanding of Swedish culture through interaction. Authentic materials will be used whenever possible

Spring 2023: SWED UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 1102	001/12645	M W 10:10am - 12:00pm 352c International Affairs Bldg	Heli Sirvioe	4.00	17/15

YIDDISH

YIDD UN1101 ELEMENTARY YIDDISH I. 4.00 points.

This course offers an introduction to the language that has been spoken by the Ashkenazi Jews for more than a millennium, and an opportunity to discover a fabulous world of Yiddish literature, language and culture in a fun way. Using games, new media, and music, we will learn how to speak, read, listen and write in a language that is considered one of the richest languages in the world (in some aspects of vocabulary). We will also venture outside the classroom to explore the Yiddish world today: through field trips to Yiddish theater, Yiddish-speaking neighborhoods, Yiddish organizations, such as YIVO or Yiddish farm, and so on. We will also have Yiddish-speaking guests and do a few digital projects. At the end of the two-semester course, you will be able to converse in Yiddish on a variety of everyday topics and read most Yiddish literary and non-literary texts. Welcome to Yiddishland!

Fall 2022: YIDD UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1101	001/11972	T Th 12:10pm - 2:00pm 316 Hamilton Hall	Agnieszka Legutko	4.00	16/18

Spring 2023: YIDD UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1101	001/12665	M W 2:10pm - 4:00pm 315 Hamilton Hall	Noa Tsaushu	4.00	8/18

YIDD UN1102 ELEMENTARY YIDDISH II. 4.00 points.

This course offers an introduction to the language that has been spoken by the Ashkenazi Jews for more than a millennium, and an opportunity to discover a fabulous world of Yiddish literature, language and culture in a fun way. Using games, new media, and music, we will learn how to speak, read, listen and write in a language that is considered one of the richest languages in the world (in some aspects of vocabulary). We will also venture outside the classroom to explore the Yiddish world today: through field trips to Yiddish theater, Yiddish-speaking neighborhoods, Yiddish organizations, such as YIVO or Yiddish farm, and so on. We will also have Yiddish-speaking guests and do a few digital projects. At the end of the two-semester course, you will be able to converse in Yiddish on a variety of everyday topics and read most Yiddish literary and non-literary texts. Welcome to Yiddishland!

Fall 2022: YIDD UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1102	001/13203	T Th 2:10pm - 4:00pm 316 Hamilton Hall	Yakov Blum	4.00	5/18

Spring 2023: YIDD UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1102	001/12666	T Th 12:10pm - 2:00pm 318 Hamilton Hall	Agnieszka Legutko	4.00	14/18

YIDD UN2101 INTERMEDIATE YIDDISH I. 4.00 points.

Prerequisites: YIDD UN1101-UN1102 or the instructor's permission.

Prerequisites: YIDD UN1101-UN1102 or the instructor's permission. This year-long course is a continuation of Elementary Yiddish II. As part of the New Media in Jewish Studies Collaborative, this class will be using new media in order to explore and research the fabulous world of Yiddish literature, language, and culture, and to engage in project-oriented activities that will result in creating lasting multi-media online presentations. In addition to expanding the command of the language that has been spoken by the Ashkenazi Jews for more than a millennium, i.e. focusing on developing speaking, reading, writing and listening skills, and on the acquisition of more advanced grammatical concepts, students will also get some video and film editing training, and tutorials on archival research. The class will continue to read works of Yiddish literature in the original and will venture outside of the classroom to explore the Yiddish world today: through exciting field trips to Yiddish theater, Yiddish-speaking neighborhoods, YIVO, Yiddish Farm, and so on. And we will also have the Yiddish native-speaker guest series. Welcome back to Yiddishland!

Spring 2023: YIDD UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 2101	002/00852	Th 12:00pm - 2:00pm Room TBA	Yakov Blum	4.00	4/18
YIDD 2101	002/00852	T 2:00pm - 4:00pm Room TBA	Yakov Blum	4.00	4/18

YIDD UN2102 INTERMEDIATE YIDDISH II. 4.00 points.

Prerequisites: YIDD UN1101-UN1102 or the instructor's permission.

Prerequisites: YIDD UN1101-UN1102 or the instructor's permission. This year-long course is a continuation of Elementary Yiddish II. As part of the New Media in Jewish Studies Collaborative, this class will be using new media in order to explore and research the fabulous world of Yiddish literature, language, and culture, and to engage in project-oriented activities that will result in creating lasting multi-media online presentations. In addition to expanding the command of the language that has been spoken by the Ashkenazi Jews for more than a millennium, i.e. focusing on developing speaking, reading, writing and listening skills, and on the acquisition of more advanced grammatical concepts, students will also get some video and film editing training, and tutorials on archival research. The class will continue to read works of Yiddish literature in the original and will venture outside of the classroom to explore the Yiddish world today: through exciting field trips to Yiddish theater, Yiddish-speaking neighborhoods, YIVO, Yiddish Farm, and so on. And we will also have the Yiddish native-speaker guest series. Welcome back to Yiddishland!

Spring 2023: YIDD UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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YIDD 2102 001/14703 T Th 2:10pm - Agnieszka 4.00 7/18
4:00pm Legutko
408 Hamilton Hall

YIDD UN3520 MAGIC # MONSTERS IN YIDD LIT. 3.00 points.

A Serious Man, the 2009 movie by the Coen Brothers opens with a Yiddish folk tale featuring a dybbuk. Dybbuks, golems, magicians, and monsters haunt not only Yiddish literature but also the contemporary cinema, as illustrated by such recent films as The Unborn and The Possession. Why are we so attracted to dybbuks, spirit possession, magic, and monsters in the twenty-first century? This course will focus on magic, monsters, dybbuks, demons, and golems in Yiddish literature and beyond, including film and popular culture. We will approach the supernatural motif from the perspective of gender, body, and performance studies, and will explore the questions of memory, trauma, and identity. The aim of the course is to encourage students to discuss and critically engage with the various texts and film adaptations listed on the syllabus in an attempt to answer the following questions: In what ways do these works explore, interrogate with, and reflect on human experience? What do they tell us about the powers of good and evil? How relevant are they in the twenty-first century? The course puts emphasis on developing the skills of critical, analytical, and abstract thinking in relation to the discussed works, as well as the ability to express that critical thinking in writing. No knowledge of Yiddish required

Spring 2023: YIDD UN3520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 3520	001/12672	T 4:10pm - 6:00pm 313 Hamilton Hall	Agnieszka Legutko	3.00	21/25

YIDD GU4995 Exploring Yiddishland: Culture in Time and Space. 3.00 points.

Modern Yiddish culture and literature developed and flourished in the so-called Yiddishland, a land without borders located in Eastern Europe across Poland, Russia, Ukraine, Rumania, etc. But the heart of Yiddishland was in prewar Poland: in Warsaw, Vilnius (now Lithuania), Krakow, and Lublin. The course will center on four cities in which Yiddish culture and literature blossomed before the Holocaust, and examine key figures of modern Yiddish literature associated with these places, such as Isaac Bashevis Singer, Kadya Molodowsky, Mordechai Gebirtig, Abraham Sutzkever, Yankev Glatshtayn, and others. Employing gender and comparative approach as analytical lenses, we address the following questions: What role does space play in culture production? How does our familiarity with space impact our perception of literature and culture? The texts and class discussion will be in English. The course will have a digital humanities component: we will engage in Mapping Yiddish Europe through Locus Tempus

Fall 2022: YIDD GU4995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 4995	001/12687	T 4:10pm - 6:00pm 707 Hamilton Hall	Agnieszka Legutko	3.00	10/25

OF RELATED INTEREST

German (Barnard)

GERM BC3009	News and Views
GERM BC3010	CURRENT ISSUES: GER # AUSTRIA
GERM BC3224	GERM TRAVELING CLTRES(IN ENG)
GERM BC3050	German Migrant Literature
GERM BC3105	Comical Expression in Multicult Lit/Film

HISTORY

Departmental Office: 413 Fayerweather; 212-854-4646
<http://www.history.columbia.edu>

Director of Undergraduate Studies: Prof. Stephanie McCurry, 603 Fayerweather; sm4041@columbia.edu

Undergraduate Administrator: Michael Adan, undergraduate-history@columbia.edu

The History curriculum covers most areas of the world and most periods of history. It encourages students to develop historical understanding in the widest sense of the word: a thorough empirical grasp along with the kind of analytical skills that come with a genuinely historical sensibility. This is done through two types of courses: lectures and seminars. Lectures range from broad surveys of the history of a place or period to more thematically oriented courses. Seminars offer students the opportunity to work more closely with historical sources in smaller groups and to do more sophisticated written work. Because history courses usually have no prerequisites, there are no preordained sequences to follow. It is advisable, however, that students take a relevant lecture course in preparation for a seminar. Majors wishing to follow a more intensive program are advised to enroll in a historiography course and to undertake a senior thesis project. Historically, majors have pursued careers in a very wide range of areas including medicine, law, mass media, Wall Street, and academia.

ADVANCED PLACEMENT

Students may receive 3 credits toward the overall degree requirements for a score of 5 on the AP European History exam or the AP United States History exam. No points count toward or fulfill any requirements of the history major or concentration.

ADVISING

During their junior and senior years, majors and concentrators are advised by the faculty members of the Undergraduate Education Committee (UNDED). UNDED advisers also review and sign Plan of Study (POS) forms for majors and concentrators at least once per year. POS forms track students' progress toward completing all major and concentration requirements. New history majors and concentrators may see

any member of UNDED. For the most up-to-date information on UNDED members, please see the undergraduate advising page of the [departmental website](#).

Majors and concentrators can also receive pure academic interest advising (non-requirement advising) from any faculty member and affiliated faculty member of the department.

First-years and sophomores considering a history major or concentration can seek advising from UNDED or any other faculty member.

For questions about requirements, courses, or the general program, majors and concentrators can also contact the undergraduate administrator.

DEPARTMENTAL HONORS

To be eligible for departmental honors, the student must have a GPA of at least 3.6 in courses for the major, an ambitious curriculum, and an outstanding senior thesis. Honors are awarded on the basis of a truly outstanding senior thesis. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

COURSE NUMBERING

Courses are numbered by *type*:

UN 1xxx - Introductory Survey Lectures

UN 2xxx - Undergraduate Lectures

UN 3xxx - Undergraduate Seminars

GU 4xxx - Joint Undergraduate/Graduate Seminars

and *field* (with some exceptions):

x000-x059: Ancient

x060-x099: Medieval

x100-x199: Early modern Europe

x200-x299: East Central Europe

x300-x399: Modern Western Europe

x400-x599: United States

x600-x659: Jewish

x660-x699: Latin America

x700-x759: Middle East

x760-x799: Africa

x800-x859: South Asia

x860-x899: East Asia

x900-x999: Research, historiography, and transnational

SEMINARS

Seminars are integral to the undergraduate major in history. In these courses, students develop research and writing skills under the close supervision of a faculty member. Enrollment is normally limited to approximately 15 students. In order to maintain the small size of the courses, admission to most seminars is by instructor's permission or application.

In conjunction with the Barnard History Department and other departments in the University (particularly East Asian Languages and Cultures), the History Department offers about

25 seminars each semester that majors may use to meet their seminar requirements. While there are sufficient seminars offered to meet the needs of majors seeking to fulfill the two-seminar requirement, given the enrollment limits, students may not always be able to enroll in a particular seminar. Students should discuss with UNDED their various options for completing the seminar requirement.

The History Department has developed an on-line application system for some seminars. The department regularly provides declared majors and concentrators with information on upcoming application periods, which typically occur midway through the preceding semester. Students majoring in other fields, or students who have not yet declared a major, must inform themselves of the application procedures and deadlines by checking the undergraduate seminar page of the [departmental website](#).

PROFESSORS

Elazar Barkan (SIPA)

Volker Berghahn (*emeritus*)

Richard Billows

Elizabeth Blackmar

Casey Blake

Christopher Brown

Richard Bulliet (*emeritus*)

Euan Cameron (UTS)

Elisheva Carlebach

Mark Carnes (Barnard)

Zeynep Çelik

George Chauncey

John Coatsworth (Provost)

Matthew Connelly

Victoria de Grazia (*emerita*)

Andrew Delbanco (English and Comparative Literature)

Mamadou Diouf (Middle Eastern, South Asian, and African Studies)

Alan Dye (Barnard)

Catherine Evtuhov

Barbara Fields

Eric Foner (*emeritus*)

Pierre Force (French and Romantic Philology)

Carol Gluck (*emerita*)

Frank Guridy

Martha Howell (*emerita*)

Robert Hymes (East Asian Language and Cultures)

Kenneth Jackson (*emeritus*)

Karl Jacoby

Richard John (Journalism)

Matthew Jones

Ira Katznelson (Political Science)

Joel Kaye (Barnard)

Alice Kessler-Harris (*emerita*)

Rashid Khalidi

Dorothy Ko (Barnard)

Adam Kosto

William Leach (*emeritus*)

Eugenia Y. Lean (East Asian Languages and Cultures)
 Feng Li (East Asian Languages and Cultures)
 Mark Lilla (Religion)
 Claudio Lomnitz (Anthropology)
 John Ma (Classics)
 Gregory Mann
 Mark Mazower
 Stephanie McCurry
 Jose Moya (Barnard)
 Celia Naylor (Barnard)
 Mae Ngai
 Susan Pedersen
 Kim Phillips-Fein
 Pablo Piccato
 Rosalind Rosenberg (Barnard)
 David Rosner (Mailman School of Public Health)
 David Rothman (Physicians and Surgeons)
 Emmanuelle Saada (French and Romance Philology)
 Simon Schama (University Professor)
 Seth Schwartz
 Myroslav Shkandrij (Visiting - Fall 2022)
 Herbert Sloan (Barnard, *emeritus*)
 Pamela Smith
 Robert Somerville (Religion)
 Michael Stanislawski
 Anders Stephanson
 Lisa Tiersten (Barnard)
 Adam Tooze
 Deborah Valenze (Barnard)
 Michael Witgen
 Marc Van de Mieroop
 David Weiman (Barnard College)
 Carl Wennerlind (Barnard College)
 Richard Wortman (*emeritus*)
 Julio Esteban Vezub (Visiting - Spring 2023)
 Madeleine Zelin (East Asian Languages and Cultures)

ASSOCIATE PROFESSORS

Manan Ahmed
 Gergely Baics (Barnard)
 Lisbeth Kim Brandt (East Asian Languages and Cultures)
 Paul Chamberlin
 Amy Chazkel
 Charly Coleman
 Marwa Elshakry
 Ansley Erickson (Teachers College)
 Abosde George (Barnard)
 Sarah Haley
 Hilary Hallett
 Rebecca Kobrin
 Natasha Lightfoot
 David Lurie (East Asian Languages and Cultures)
 Malgorzata Mazurek
 Nara Milanich (Barnard)
 Lien-Hang Nguyen

Gregory Pflugfelder (East Asian Languages and Cultures)
 Caterina Pizzigoni
 Anupama Rao (Barnard)
 Camille Robcis
 Samuel Roberts
 Neslihan Senocak
 Kavita Sivaramakrishnan (Mailman School of Public Health)
 Rhiannon Stephens
 Gray Tuttle (East Asian Languages and Cultures)
 Carl Wennerlind (Barnard)

ASSISTANT PROFESSORS

Merlin Chowkwanyun (Mailman School of Public Health)
 Hannah Farber
 Marcel Garbos (Visiting - Fall 2022)
 Ali Karjoo-Ravary
 Gulnar Kendirbai (visiting)
 Paul Kreitman (East Asian Languages and Cultures)
 Andrew Lipman (Barnard)
 Sailakshmi Ramgopal
 A. Tunç #en
 Alma Steingart
 Yana Skorobogatov (Spring 2023)
 James Stafford

LECTURERS IN DISCIPLINE

Alfonso Delgado
 Luca Falciola
 Madison Whitman

ON LEAVE

Fall 2022: Carlebach, Kosto, Mazurek, Nguyen, Steingart, Sen, Stephanson, Tooze,

Spring 2023: Ahmed, Chauncey, Chazkel, Coleman, Chamberlin, Khalidi, Kosto, Ramgopal, Sen, Smith, Steingart

GUIDELINES FOR ALL HISTORY MAJORS AND CONCENTRATORS

For detailed information about the history major or concentration, as well as the policies and procedures of the department, please refer to the *History at Columbia Undergraduate Handbook*, available for download on the [departmental website](#).

MAJOR IN HISTORY

Students must complete a minimum of *nine* courses in the department, of which *four* or more must be in an area of specialization chosen by the student and approved by a member

of UNDED. Students must also fulfill a breadth requirement by taking three courses outside of their specialization. Two of the courses taken in the major must be seminars (including one seminar in the chosen specialization).

All History majors MUST submit an UNDED approved Plan of Study to the department in order to be certified.

The requirements of the undergraduate program encourage students to do two things:

1. Develop a deeper knowledge of the history of a particular time and/or place. Students are required to complete a specialization by taking a number of courses in a single field of history of their own choosing. The field should be defined, in consultation with a member of UNDED, according to geographical, chronological, and/or thematic criteria. For example, a student might choose to specialize in 20th C. U.S. History, Medieval European History, Ancient Greek and Roman History, or Modern East Asian History. The specialization does not appear on the student's transcript, but provides an organizing principle for the program the student assembles in consultation with UNDED.
2. Gain a sense of the full scope of history as a discipline by taking a broad range of courses. Students must fulfill a breadth requirement by taking courses outside their own specialization -- at least one course removed in time and two removed in space.
 - a. Time: majors and concentrators must take at least one course removed in time from their specialization:
 - Students specializing in the modern period must take at least one course in the pre-modern period; students specializing in the pre-modern period must take at least one course in the modern period.
 - If the course proposed is in the same regional field as a student's specialization, special care must be taken to ensure that it is as far removed as possible; please consult with UNDED to make sure a given course counts for the chronological breadth requirement.
 - b. Space: majors must take at least two additional courses in regional fields not their own:
 - These two "removed in space" courses must also cover **two different** regions.
 - For example, students specializing in some part of Europe must take two courses in Africa, East or South Asia, Latin America/Caribbean, Middle East, and/or the U.S.
 - Some courses cover multiple geographic regions. If a course includes one of the regions within a student's specialization, that course cannot count towards the breadth requirement unless it is specifically approved by the Director of Undergraduate Studies. For example, if a student is specializing in 20th C. U.S. history and takes the class *World War II*

in Global Perspective, the class is too close to the specialization and may not count as a regional breadth course.

All courses in the Barnard History Department as well as select courses in East Asian Languages and Cultures; Middle Eastern, South Asian, and African Studies; and other departments count toward the major. Eligible inter-departmental courses may include:

- AFRICAN CIVILIZATION (AFCV UN1020) (when taught by Professor Gregory Mann, Professor Rhiannon Stephens, or PhD students in the Columbia University Department of History; the course does NOT count for History when taught by anyone else)
- PRIM TEXTS OF LATIN AMER CIV (LACV UN1020) (when taught by Professor Pablo Piccato, Professor Caterina Pizzigoni, or PhD students in the Columbia University Department of History; the course does NOT count for History when taught by anyone else)
- INTRO TO EAST ASIAN CIV: CHINA (ASCE UN1359), INTRO EAST ASIAN CIV: JPN (ASCE UN1361), INTRO TO EAST ASIAN CIV: KOREA (ASCE UN1363) or other ASCE UN1xxx courses (when taught by Professors Charles Armstrong, Carol Gluck, Robert Hymes, Dorothy Ko, Eugenia Lean, Feng Li, David Lurie, Jungwon Kim, Paul Kreitman, Gregory Pflugfelder, Gray Tuttle, or Madeleine Zelin, and NOT when they are taught by anyone else)
- Please see the Courses section on the [departmental website](#) to see which of these might count in a given semester. Any courses not listed or linked on the departmental website, however historical in approach or content, do not count toward the history major or concentration, except with explicit written approval of the UNDED chair.
- If you suspect a History course has escaped being listed at the above link and want to confirm whether or not it counts for History students, please contact the Undergraduate Administrator.

Thematic Specializations

Suitably focused thematic and cross-regional specializations are permitted and the breadth requirements for students interested in these topics are set in consultation with a member of UNDED. Classes are offered in fields including, but not limited to:

- Ancient history
- Medieval history
- Early modern European history
- Modern European history
- United States history
- Latin American and Caribbean history
- Middle Eastern history
- East Asian history
- South Asian history

Additionally, classes are offered in thematic and cross-regional fields which include, but are not limited to:

- Intellectual history
- Jewish history
- Women's history
- International history
- History of science

These fields are only examples. Students should work with a member of UNDED to craft a suitably focused specialization on the theme or field that interests them.

Thesis Requirements

Majors may elect to write a senior thesis, though this is not a graduation requirement. Only senior thesis writers are eligible to be considered for departmental honors. The senior thesis option is not available to concentrators.

The yearlong HIST UN3838-HIST UN3839 SENIOR THESIS SEMINAR carries 8 points, 4 of which typically count as a seminar in the specialization. For the most up-to-date information on the field designations for history courses, please see the Courses section of the [departmental website](#).

CONCENTRATION IN HISTORY

Effective February 2018, students must complete a minimum of *six* courses in history. At least *three* of the six courses must be in an area of specialization, *one* far removed in time, and *one* on a geographic region far removed in space. There is no seminar requirement for the concentration.

All History concentrators MUST submit an UNDED approved Plan of Study to the department in order to be certified.

FALL 2022 HISTORY COURSES

HIST UN1010 ANCIENT GREEK HIST, 800-146 BC. 4.00 points.

A review of the history of the Greek world from the beginnings of Greek archaic culture around 800 B.C. through the classical and hellenistic periods to the definitive Roman conquest in 146 B.C. with concentration on political history, but attention also to social and cultural developments. Field(s): ANC

Fall 2022: HIST UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1010	001/10582	T Th 11:40am - 12:55pm 717 Hamilton Hall	Richard Billows	4.00	59/60

HIST UN1020 The Romans and Their World. 4 points.

This course examines the history of the Roman Empire from the formation of the Roman monarchy in 753 BCE to the collapse of the Western Empire in 476 CE. At the heart of the class is a single question: how did the Roman Empire come to be,

and why did it last for so long? We will trace the rise and fall of the Republic, the extension of its power beyond Italy, and the spread of Christianity. Epic poetry, annalistic accounts, coins, papyri, inscriptions, and sculpture will illuminate major figures like Cleopatra, and features of daily life like Roman law and religion. The destructive mechanics by which Rome sustained itself--war, slavery, and environmental degradation--will receive attention, too, with the aim of producing a holistic understanding this empire. Discussion Section Required.

HIST BC1101 EUROPEAN HISTORY 1500-1789. 4.00 points.

Political, economic, social, religious, and intellectual history of early modern Europe, including the Renaissance, Reformation and Counter-Reformation, absolutism, Scientific Revolution, and Enlightenment

Fall 2022: HIST BC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1101	001/00001	T Th 1:10pm - 2:25pm L1002 Milstein Center	Deborah Valenze	4.00	58/65

HIST BC1401 INTRODUCTION TO AMERICAN HISTORY TO 1865. 4.00 points.

Themes include Native and colonial cultures and politics, the evolution of American political and economic institutions, relationships between religious and social movements, and connecting ideologies of race and gender with larger processes such as enslavement, dispossession, and industrialization

Fall 2022: HIST BC1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1401	001/00002	M W 2:40pm - 3:55pm L1104 Diana Center	Andrew Lipman	4.00	47/54

HIST UN1488 Indigenous History of North America. 4.00 points.

This course is an introduction to the history of the Native peoples of North America. Instruction will focus on the idea that indigenous people in North America possess a shared history in terms of being forced to respond to European colonization, and the emergence of the modern nation-state. Native peoples, however, possess their own distinct histories and culture. In this sense their histories are uniquely multi-faceted rather than the experience of a singular racial group. Accordingly, this course will offer a wide-ranging survey of cultural encounters between the Native peoples of North America, European empires, colonies, and emergent modern nation-states taking into account the many different indigenous responses to colonization and settler colonialism. This course will also move beyond the usual stories of Native-White relations that center either on narratives of conquest and assimilation, or stories of cultural persistence. We will take on these issues, but we will also explore the significance of Native peoples to the historical development of modern North America. This will necessarily entail an examination of race

formation, and a study of the evolution of social structures and categories such as nation, tribe, citizenship, and sovereignty

Fall 2022: HIST UN1488

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1488	001/10644	T Th 11:40am - 12:55pm 420 Pupin Laboratories	Michael Witgen	4.00	24/40

HIST UN1768 European Intellectual History. 4.00 points.

This course provides an introduction to some of the major landmarks in European cultural and intellectual history, from the aftermath of the French Revolution to the 1970s. We will pay special attention to the relationship between texts (literature, anthropology, political theory, psychoanalysis, art, and film) and the various contexts in which they were produced. Among other themes, we will discuss the cultural impact of the Enlightenment, the French Revolution, industrialism, colonialism, modernism, the Russian Revolution, the two world wars, decolonization, feminism and gay liberation movements, structuralism and poststructuralism. In conjunction, we will examine how modern ideologies (liberalism, conservatism, Marxism, imperialism, fascism, totalitarianism, neoliberalism) were developed and challenged over the course of the last two centuries. Participation in weekly discussion sections staffed by TAs is mandatory. The discussion sections are 50 minutes per session. Students must register for the general discussion ("DISC") section, and will be assigned to a specific time and TA instructor once the course begins

Fall 2022: HIST UN1768

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1768	001/10631	M W 2:40pm - 3:55pm 614 Schermerhorn Hall	Camille Robcis	4.00	46/70
HIST 1768	AU1/18583	M W 2:40pm - 3:55pm 614 Schermerhorn Hall	Camille Robcis	4.00	15/15

HIST BC2101 HISTORY OF CAPITALISM. 3.00 points.

The aim of this course is to provide students with analytical tools to think critically and historically about the concept of capitalism. By studying how philosophers, economists, and political theorists have defined and described the concept of capitalism throughout its history, students will be provided with a set of terminologies and analytical frameworks that enable them to interrogate the various dimensions of capitalism

Fall 2022: HIST BC2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2101	001/00047	T Th 10:10am - 11:25am 405 Milbank Hall	Carl Wennerlind	3.00	48/75

HIST BC2321 COLONIAL ENCOUNTERS. 3.00 points.

Examines the shaping of European cultural identity through encounters with non-European cultures from 1500 to the

post-colonial era. Novels, paintings, and films will be among the sources used to examine such topics as exoticism in the Enlightenment, slavery and European capitalism, Orientalism in art, ethnographic writings on the primitive, and tourism

Fall 2022: HIST BC2321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2321	001/00035	M W 10:10am - 11:25am 504 Diana Center	Lisa Tiersten	3.00	54/62

HIST UN2360 TWENTIETH CENTURY BRITAIN. 4.00 points.

This course surveys the main currents of British history from 1900 to the present, with particular attention to the changing place of Britain in the world and the changing shape of British society and politics. Throughout this course, we will ask: Where is power located? What held Britain and the empire together, and what tore them apart? What was life like for Britons – young and old, men and women, rich and poor, Black and white – across the course of this century? When and how did social change happen? How did people respond? We will tackle these questions by looking closely at some key periods of social and political conflict and resolution, by reading key texts from the time (novels, plays, reportage, speeches), by viewing contemporary newsreels and films, and by conducting research in online newspaper and record collections. We will discuss these materials in section; section attendance is mandatory. Course objectives The course aims to provide students with (a) a good foundational knowledge of the course of British history from 1900 to the present; (b) an understanding of how historians do research and basic research skills; (c) the ability to analyze historical materials (speeches, novels, memoirs, government documents, films), placing them in context and deploying them to make analytical arguments about the past

Fall 2022: HIST UN2360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2360	001/10625	T Th 10:10am - 11:25am 332 Uris Hall	Susan Pedersen	4.00	34/38
HIST 2360	AU1/18637	T Th 10:10am - 11:25am 332 Uris Hall	Susan Pedersen	4.00	5/5

HIST UN2377 WORLD HISTORY SINCE WW II. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

In this course students will explore contemporary international and global history, focusing on how states have cooperated and competed in the Cold War, decolonization, and regional crises. But lectures will also analyze how non-governmental organizations, cross-border migration, new means of communication, and global markets are transforming the international system as a whole. Group(s): B, C, D Field(s): INTL

Fall 2022: HIST UN2377

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 2377 001/10605 T Th 1:10pm - Matthew 4.00 99/125
2:25pm Connelly
402 Chandler

HIST BC2401 PLTCS CRIME# POLICING IN U.S.. 3.00 points.

This course will examine the historical development of crime and the criminal justice system in the United States since the Civil War. The course will give particular focus to the interactions between conceptions of crime, normalcy and deviance, and the broader social and political context of policy making

Fall 2022: HIST BC2401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2401	001/00004	M W 6:10pm - 7:25pm L1002 Milstein Center	Matthew Vaz	3.00	62/60

HIST BC2405 Spatial History of 19th-C NYC. 4.50 points.

Spatial history of New York City in the 19th century. Students explore key topics in New York City spatial history in lectures, and learn historical-GIS skills in a co-requisite lab (instead of a discussion section). They will use newly constructed GIS data from the Mapping Historical New York project, and conduct spatial history assignments

Fall 2022: HIST BC2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2405	001/00094	T Th 11:40am - 12:55pm 203 Diana Center	Gergely Baics	4.50	25/25

HIST BC2413 UNITED STATES 1940-1975. 3.00 points.

Emphasis on foreign policies as they pertain to the Second World War, the atomic bomb, containment, the Cold War, Korea, and Vietnam. Also considers major social and intellectual trends, including the Civil Rights movement, the counterculture, feminism, Watergate, and the recession of the 1970s

Fall 2022: HIST BC2413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2413	001/00049	M W 11:40am - 12:55pm 304 Barnard Hall	Mark Carnes	3.00	115/150

HIST UN2438 POLITICAL HISTORY OF CONTEMPORARY AFRICA. 4.00 points.

This course offers a survey of the political history of contemporary Africa, with a focus on the states and societies south of the Sahara. The emphasis is on struggle and conflict—extending to war—and peace

Fall 2022: HIST UN2438

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2438	001/10619	T Th 11:40am - 12:55pm 608 Schermerhorn Hall	Gregory Mann	4.00	13/30

HIST BC2440 INTRO AFRICAN-AMERICAN HISTORY.

3.00 points.

Major themes in African-American History: slave trade, slavery, resistance, segregation, the New Negro, Civil Rights, Black Power, challenges and manifestations of the contemporary Color Line. General Education Requirement: Historical Studies (HIS)

Fall 2022: HIST BC2440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2440	001/00005	M W 2:40pm - 3:55pm 203 Diana Center	Celia Naylor	3.00	28/29

HIST UN2478 US INTELLECTUAL HIST 1865-PRES.

4.00 points.

This course examines major themes in U.S. intellectual history since the Civil War. Among other topics, we will examine the public role of intellectuals; the modern liberal-progressive tradition and its radical and conservative critics; the uneasy status of religion in a secular culture; cultural radicalism and feminism; critiques of corporate capitalism and consumer culture; the response of intellectuals to hot and cold wars, the Great Depression, and the upheavals of the 1960s. Fields(s): US

Fall 2022: HIST UN2478

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2478	001/10586	M W 4:10pm - 5:25pm 329 Pupin Laboratories	Casey Blake	4.00	63/90
HIST 2478	AU1/18636	M W 4:10pm - 5:25pm 329 Pupin Laboratories	Casey Blake	4.00	15/15

HIST UN2523 HEALTH INEQUALITY: MODERN US.

4.00 points.

Through assigned readings and a group research project, students will gain familiarity with a range of historical and social science problems at the intersection of ethnic/racial/sexual formations, technological networks, and health politics since the turn of the twentieth century. Topics to be examined will include, but will not be limited to, black women's health organization and care; HIV/AIDS politics, policy, and community response; benign neglect; urban renewal and gentrification; medical abuses and the legacy of Tuskegee; tuberculosis control; and environmental justice. There are no required qualifications for enrollment, although students will find the material more accessible if they have had previous coursework experience in United States history, pre-health professional (pre-med, pre-nursing, or pre-public health), African-American Studies, Women and Gender Studies, Ethnic Studies, or American Studies

Fall 2022: HIST UN2523

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2523	001/10633	M W 10:10am - 11:25am 303 Uris Hall	Samuel Roberts	4.00	48/55

HIST UN2533 US LESBIAN # GAY HISTORY. 4.00 points.

This course explores the social, cultural, and political history of lesbians, gay men, and other socially constituted sexual and gender minorities, primarily in the twentieth century. Since the production and regulation of queer life has always been intimately linked to the production and policing of “normal” sexuality and gender, we will also pay attention to the shifting boundaries of normative sexuality, especially heterosexuality, as well as other developments in American history that shaped gay life, such as the Second World War, Cold War, urbanization, and the minority rights revolution. Themes include the emergence of homosexuality and heterosexuality as categories of experience and identity; the changing relationship between homosexuality and transgenderism; the development of diverse lesbian and gay subcultures and their representation in popular culture; the sources of antigay hostility; religion and sexual science; generational change and everyday life; AIDS; and gay, antigay, feminist, and queer movements

Fall 2022: HIST UN2533

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2533	001/10592	M W 11:40am - 12:55pm 301 Uris Hall	George Chauncey	4.00	166/200
HIST 2533	AU1/18592	M W 11:40am - 12:55pm 301 Uris Hall	George Chauncey	4.00	14/15

HIST UN2535 HIST OF THE CITY OF NEW YORK. 4.00 points.

Fall 2022: HIST UN2535

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2535	001/10628	T Th 1:10pm - 2:25pm 140 Uris Hall	Kimberly Phillips-Fein	4.00	28/35
HIST 2535	AU1/18584	T Th 1:10pm - 2:25pm 140 Uris Hall	Kimberly Phillips-Fein	4.00	7/7

HIST BC2567 Women, Race, and Class. 3.00 points.

Using an intersectional framework, this course traces changing notions of gender and sexuality in the 20th century United States. The course examines how womanhood and feminism were shaped by class, race, ethnicity, culture, sexuality and immigration status. We will explore how the construction of American nationalism and imperialism, as well as the development of citizenship rights, social policy, and labor organizing, were deeply influenced by the politics of gender. Special emphasis will be placed on organizing and women's activism

HIST UN2660 LATIN AMERICAN CIVILIZATION I. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course aims to give a portrait of the development of Latin America from the first contact with the Europeans to the creation of independent states. We will focus on society and interaction among the various ethnic and socio-economic groups at the level of daily life. For each class, students will

have to read sections of a core text as well as a primary source, or document, from the period; before the end of every class there will be 15 minutes to discuss the document together. In addition, students will enroll in discussion sections held by TAs

Fall 2022: HIST UN2660

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2660	001/10718	T Th 10:10am - 11:25am Ren Kraft Center	Caterina Pizzigoni	4.00	86/90
HIST 2660	AU1/18635	T Th 10:10am - 11:25am Ren Kraft Center	Caterina Pizzigoni	4.00	14/15

HIST UN2719 HISTORY OF THE MOD MIDDLE EAST. 4.00 points.

This course will cover the history of the Middle East from the 18th century until the present, examining the region ranging from Morocco to Iran and including the Ottoman Empire. It will focus on transformations in the states of the region, external intervention, and the emergence of modern nation-states, as well as aspects of social, economic, cultural and intellectual history of the region. Field(s): ME

Fall 2022: HIST UN2719

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2719	001/10614	T Th 10:10am - 11:25am 301 Uris Hall	Rashid Khalidi	4.00	159/170
HIST 2719	AU1/18631	T Th 10:10am - 11:25am 301 Uris Hall	Rashid Khalidi	4.00	22/22

HIST UN2978 Science and Pseudoscience: Alchemy to AI. 4.00 points.

During the 2020 US presidential election and the years of the COVID-19 pandemic, science and “scientific truths” were fiercely contested. This course provides a historical perspective on the issues at stake. The course begins with an historical account of how areas of natural knowledge, such as astrology, alchemy, and “natural magic,” which were central components of an educated person’s view of the world in early modern Europe, became marginalized, while a new philosophy of nature (what we would now call empirical science) came to dominate the discourse of rationality. Historical developments examined in this course out of which this new understanding of nature emerged include the rise of the centralized state, religious reform, and European expansion. The course uses this historical account to show how science and pseudoscience developed in tandem in the period from 1400 to 1800. This historical account equips students to examine contemporary issues of expertise, the social construction of science, pluralism in science, certainty and uncertainty in science, as well as critical engagement with contemporary technologies

Fall 2022: HIST UN2978

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2978	001/10637	T Th 4:10pm - 5:25pm 142 Uris Hall	Pamela Smith, Madisson Whitman	4.00	32/90

HIST 2978 AU1/18630 T Th 4:10pm - Pamela 4.00 21/25
5:25pm Smith,
142 Uris Hall Madisson
Whitman

HIST UN3011 THE SECOND WORLD WAR. 4.00 points.

This course surveys some of the major historiographical debates surrounding the Second World War. It aims to provide student with an international perspective of the conflict that challenges conventional understandings of the war. In particular, we will examine the ideological, imperial, and strategic dimensions of the war in a global context. Students will also design, research, and write a substantial essay of 15-18 pages in length that makes use of both primary and secondary sources

Fall 2022: HIST UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3011	001/10596	T 12:10pm - 2:00pm 311 Fayerweather	Paul Chamberlin	4.00	15/15

HIST UN3017 SEXUALITY AND THE CITY. 4.00 points.

The city has classically been represented as the site of sexual freedom, but also of sexual immorality and danger. This course explores the interrelated histories of sexuality and the city in the twentieth-century United States (especially New York) by exploring how urban conditions and processes shaped sexual practices, identities, communities, and ethics, and how sexual matters shaped urban processes, politics, and representation

Fall 2022: HIST UN3017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3017	001/10595	T 12:10pm - 2:00pm 302 Fayerweather	George Chauncey	4.00	11/12

HIST UN3023 Mobility and Identity in the Roman World. 4.00 points.

This course considers how identity increased, limited, controlled, or otherwise shaped the mobility of individuals and groups in the Roman world, including women, slaves, freedpeople, and diaspora communities. We will identify the structures that produced differences in mobility and consider how such groups understood and represented themselves in a variety of media as possessing a specific, shared identity and community. The course will draw on a range of primary sources, including inscriptions and literary texts (both poetry and prose), and cover the period from the second century BCE to the third century CE

Fall 2022: HIST UN3023

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3023	001/10630	T 2:10pm - 4:00pm 311 Fayerweather	Sailakshmi Ramgopal	4.00	15/15

HIST UN3189 COMPOSNG THE SELF-ERLY MOD EUR. 4.00 points.

This course explores manners of conceiving and being a self in early modern Europe (ca. 1400-1800). Through the analysis of a range of sources, from autobiographical writings to a selection of theological, philosophical, artistic, and literary works, we will approach the concept of personhood as a lens through

which to study topics such as the valorization of interiority, humanist scholarly practices, the rising professional status of artists, the spirituality of Christian mysticism, mechanist and sensationalist philosophies of selfhood, and, more generally, the human person's relationship with material and existential goods. This approach is intended to deepen our understanding of the Renaissance, the Reformation, the Scientific Revolution, the Enlightenment, and other movements around which histories of the early modern period have typically been narrated

Fall 2022: HIST UN3189

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3189	001/10602	Th 10:10am - 12:00pm 311 Fayerweather	Charly Coleman	4.00	12/15

HIST BC3327 CONSUMER CULTURE IN MOD EUROPE. 3.00 points.

Prerequisites: Permission of the instructor. Enrollment limited to 15. Preregistration required.

The development of the modern culture of consumption, with particular attention to the formation of the woman consumer. Topics include commerce and the urban landscape, changing attitudes toward shopping and spending, feminine fashion and conspicuous consumption, and the birth of advertising. Examination of novels, fashion magazines, and advertising images

Fall 2022: HIST BC3327

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3327	001/00007	M 2:10pm - 4:00pm L1018 Milstein Center	Lisa Tiersten	3.00	18/18

HIST BC3360 LONDON: 'GREAT WEN' TO WRLD CIT. 4.00 points.

Prerequisites: Permission of the instructor. Enrollment limited to 15. Preregistration required.

Prerequisites: Permission of the instructor. Enrollment limited to 15. Preregistration required. Social and cultural history of London from the Great Fire of 1666 to the 1960s. An examination of the changing experience of urban identity through the commercial life, public spaces, and diverse inhabitants of London. Topics include 17th-century rebuilding, immigrants and emigrants, suburbs, literary culture, war, and redevelopment

Fall 2022: HIST BC3360

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3360	001/00008	W 2:10pm - 4:00pm 214 Milbank Hall	Deborah Valenze	4.00	14/15

HIST BC3391 RESEARCH SEMINAR IN HISTORY I. 4.00 points.

Prerequisites: Open to Barnard College History Senior Majors. Individual guided research and writing in history and the presentation of results in seminar and in the form of the senior essay. See Requirements for the Major for details

Fall 2022: HIST BC3391

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3391	001/00010	W 4:10pm - 6:00pm 302 Barnard Hall	Andrew Lipman	4.00	41/55

HIST BC3491 MAKING BARNARD HISTORY. 4.00 points.

Prerequisites: Permission of the instructor. Enrollment limited to 15. Preregistration required.

Prerequisites: Permission of the instructor. Enrollment limited to 15. Preregistration required. Introduction to historical research through a range of the historical sources and methods available for a comprehensive history of Barnard College. Will include a review of the secondary literature, the compiling and analysis of qualitative and quantitative data through archival research, the conduct of an oral history interview, and the construction of a historical narrative

Fall 2022: HIST BC3491

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3491	001/00050	T 2:10pm - 4:00pm 308 Diana Center	Robert McCaughey	4.00	15/15

HIST UN3502 The Struggle for Indigenous Sovereignty in the Early American Republic. 4.00 points.

The United States was founded on Indigenous land and in conversation with Indigenous nations who shared possession to most of the territory claimed by the republic. The expansion of the U.S. beyond the original thirteen states happened in dialogue, and often in open conflict with the Native peoples of North America. This course will examine the creation and expansion of the American nation-state from the perspective of Indigenous peoples and Indigenous history. Most histories of the Republic equate the founding of the U.S. with the severance of colonial ties to Great Britain and the proceed to characterize America as a post-colonial society. We will study the U.S. as the first New World colonial power, a settler society whose very existence is deeply intertwined with the Indigenous history of North America

Fall 2022: HIST UN3502

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3502	001/12686	W 4:10pm - 6:00pm 311 Fayerweather	Michael Witgen	4.00	10/16

HIST UN3515 Surveillance from KGB and NSA to Border Control. 4.00 points.

An introduction to the history of state and corporate surveillance, opposition to it, and approaches to studying it, from the 1600s until the present. Topics include the creation of the early modern information state, the development of state statistics and policing, imperial forms of surveillance, surveillance in totalitarian regimes from Nazi Germany through the present, growth of electronic surveillance in the cold war especially in war zones, the transfer of military technologies to internal security and border control, surveillance of civil rights and anti-war movements, recent controversies around the NSA

and GCQH, and the development of large scale state sanctioned hacking

Fall 2022: HIST UN3515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3515	001/13459	Th 12:10pm - 2:00pm 311 Fayerweather	Matthew Jones	4.00	16/17

HIST UN3518 COLUMBIA UNI # SLAVERY. 4.00 points.

In this course, students will write original, independent papers of around 25 pages, based on research in both primary and secondary sources, on an aspect of the relationship between Columbia College and its colonial predecessor Kings College, with the institution of slavery

Fall 2022: HIST UN3518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3518	001/10623	W 10:10am - 12:00pm 311 Fayerweather	Stephanie McCurry, Joshua Morrison	4.00	10/15

HIST UN3529 Landscapes of American Modernity, 1880-1940. 4.00 points.

This course examines the transformation of rural and urban landscapes in the U.S. in the critical era of industrial consolidation, 1880-1940. We investigate the creation of an infrastructure for agriculture that transformed natural environments; the changing vernacular architecture of domestic and industrial workplaces; the development of central downtowns as sites of office buildings, department stores, and civic centers; the spatial instantiation of the Jim Crow segregationist regime in the North as well as the South; the relation between real estate and finance that fueled the Great Depression; and the development of New Deal policies that underwrote public works—including highways-- and public housing, while also subsidizing home ownership, agribusiness, and segregation (the historical context for debates over the “Green New Deal.”). Reading assignments combine social history and vernacular architectural studies with primary sources that include urban planning and government documents, personal narratives, and both historical and contemporary photographs, maps, and city plans

Fall 2022: HIST UN3529

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3529	001/10687	T 10:10am - 12:00pm 302 Fayerweather	Elizabeth Blackmar	4.00	17/25

HIST UN3562 The Seven Years' War (1754-1763), Global Perspective: Europe, Asia, Africa, and Americas. 4.00 points.

Prerequisites: History Majors Preferred

Prerequisites: History Majors Preferred This research seminar explores the causes, course, and consequences of the Seven Years' War, arguably the first world war in modern history. Topics include the origins of the conflict in North America and in Europe, the relationship between imperial rivalry in the

American colonies and the contest for supremacy in central Europe, the impact of the war on trade and settlement in South Asia, the West Indies, the Philippines, and West Africa, and the legacies of the conflict for British imperial expansion in India, North America, Senegal, and the southern Caribbean. During the second half of the semester, members of the seminar will devote the majority of their time to the research and writing of a substantial paper

Fall 2022: HIST UN3562

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3562	001/10589	T 10:10am - 12:00pm 311 Fayerweather	Christopher Brown	4.00	8/15

HIST UN3571 Left and Right in American History. 4.00 points.

This course examines 20th-century American political movements of the Left and Right. We will cover Socialism and the Ku Klux Klan in the early twentieth century; the Communist Party and right-wing populists of the 1930s; the civil rights movement, black power, and white resistance, 1950s-1960s; the rise of the New Left and the New Right in the 1960s; the Women's liberation movement and the Christian right of the 1970s; and finally, free-market conservatism, neoliberalism, white nationalism and the Trump era. We will explore the organizational, ideological and social history of these political mobilizations. The class explores grass-roots social movements and their relationship to "mainstream" and electoral politics. We will pay special attention to the ways that ideas and mobilizations that are sometimes deemed extreme have in fact helped to shape the broader political spectrum. Throughout the semester, we will reflect on the present political dilemmas of our country in light of the history that we study

Fall 2022: HIST UN3571

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3571	001/12570	W 10:10am - 12:00pm 401 Hamilton Hall	Kimberly Phillips-Fein	4.00	14/15

HIST BC3670 SEEKING ASYLUM. 4.00 points.

Note: This course meets as a lecture but it is a seminar.

Prerequisites: NA

Prerequisites: NA This seminar explores the roots of and responses to the contemporary refugee crisis at the U.S.-Mexico border. We examine the historical factors that are propelling people, including families and unaccompanied minors, to flee the so-called Northern Triangle of Central America (El Salvador, Honduras, Guatemala); the law and politics of asylum that those seeking refuge must negotiate in the U.S.; and the burgeoning system of immigration incarceration that detains ever-greater numbers of non-citizens. The course is organized around a collaboration with the Dilley Pro Bono Project, an organization that provides legal counsel to detainees at the country's largest immigration detention prison, in Dilley, Texas

Fall 2022: HIST BC3670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3670	001/00051	W 12:10pm - 2:00pm 214 Milbank Hall	Nara Milanich	4.00	13/15

Spring 2023: HIST BC3670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3670	001/00152	T 12:10pm - 2:00pm LI016 Milstein Center	Nara Milanich	4.00	18/20

HIST UN3739 THE "ISLAMIC" CITY. 4.00 points.

The seminar will examine several "Islamic" cities in depth, focusing on critical moments in their histories. The students will acquire a solid knowledge of these centers. They will study their dynamic and complex histories in an episodic manner, deconstructing their images frozen in a particular moment. We will begin by recent critical theories on the "Islamic" city, the latter concept developed as a rigid formula during the colonial era and reiterated since. As we resituate our case studies in their shifting historic contexts, we will gain insights into the complexity of their formations. More specifically, for example, Damascus will not be constrained to its canonical early medieval period, but will be investigated with reference to its Greco-Roman history, the Ottoman interventions in the pre-modern period, the nineteenth-century reforms, and the French planning experiments under the Mandate. Istanbul will not be limited to its sixteenth-century glamor, but will be scrutinized in terms of its turbulent passage from Byzantine to Ottoman rule, and as a pioneering experiment in nineteenth-century modernization reforms. Situating urban forms, "the tangible substance, the stuff" of cities at the center of our discussions, we will look into the political, social, cultural, and economic factors that framed their development, as well as the subsequent effects the cities made on these realms. The interdisciplinary approach will capitalize on the rich literature in the field and engage in analyses using textual and visual materials in complementary ways. The students will learn how to triangulate their discussions by using arguments and data (including visual documents) from different academic fields. The weekly meetings will include presentations by the instructor and the students, followed by class discussions

Fall 2022: HIST UN3739

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3739	001/11661	Th 2:10pm - 4:00pm 311 Fayerweather	Zeynep Celik	4.00	13/15

HIST BC3825 RACE, CASTE, AND THE UNIVERSITY: B. R. AMBEDKAR AT COLUMBIA. 4.00 points.

B. R. Ambedkar is arguably one of Columbia University's most illustrious alumni, and a democratic thinker and constitutional lawyer who had enormous impact in shaping India, the world's largest democracy. As is well known, Ambedkar came to Columbia University in July 1913 to start a doctoral program in Political Science. He graduated in 1915 with a Masters degree, and got his doctorate from Columbia in

1927 after having studied with some of the great figures of interwar American thought including Edwin Seligman, James Shotwell, Harvey Robinson, and John Dewey. This course follows the model of the Columbia University and Slavery course and draws extensively on the relevant holdings and resources of Columbia's RBML, [Rare Books and Manuscript Library] Burke Library (Union Theological Seminar), and the Schomburg Center for Research in Black Culture among others to explore a set of relatively understudied links between Ambedkar, Columbia University, and the intellectual history of the interwar period. Themes include: the development of the disciplines at Columbia University and their relationship to new paradigms of social scientific study; the role of historical comparison between caste and race in producing new models of scholarship and political solidarity; links between figures such as Ambedkar, Lala Lajpat Rai, W. E. B. Du Bois and others who were shaped by the distinctive public and political culture of New York City, and more. This is a hybrid course which aims to create a finding aid for B. R. Ambedkar that traverses RBML private papers. Students will engage in a number of activities towards that purpose. They will attend multiple instructional sessions at the RBML to train students in using archives; they will make public presentations on their topics, which will be archived in video form; and students will produce digital essays on a variety of themes and topics related to the course. Students will work collaboratively in small groups and undertake focused archival research. This seminar inaugurates an on-going, multiyear effort to grapple with globalizing the reach and relevance of B. R. Ambedkar and to share our findings with the Columbia community and beyond. Working independently, students will define and pursue individual research projects. Working together, the class will create digital visualizations of these projects

Fall 2022: HIST BC3825

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3825	001/00052	W 2:10pm - 4:00pm 307 Milbank Hall	Anupama Rao	4.00	7/15

HIST UN3838 SENIOR THESIS SEMINAR. 4.00 points.

A year-long course for outstanding senior majors who want to conduct research in primary sources on a topic of their choice in any aspect of history, and to write a senior thesis possibly leading toward departmental honors

Fall 2022: HIST UN3838

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3838	001/10641	T 2:10pm - 4:00pm 401 Chandler	Rhiannon Stephens	4.00	13/12
HIST 3838	002/10585	W 10:10am - 12:00pm 607 Hamilton Hall	Elizabeth Blackmar	4.00	12/12
HIST 3838	003/10640	M 2:10pm - 4:00pm 302 Fayerweather	Michael Stanislawski	4.00	14/12
HIST 3838	004/10618	M 2:10pm - 4:00pm 301m Fayerweather	Natasha Lightfoot	4.00	13/12
HIST 3838	005/18220	M 4:10pm - 6:00pm 327 Uris Hall	Anna Danziger Halperin	4.00	13/12

HIST GU4101 THE WORLD WE HAVE LOST. 4.00 points.

What was daily life like for the "average" European in pre-industrial society? This course examines the material circumstances of life and death in Europe from the fifteenth to the eighteenth century. It also asks the question of whether and how we can enter into the inner life of people of the past. How did people experience their material conditions? How did they experience the life of the mind and of the emotions? What are the methods used by historians to gain knowledge about the material conditions and lived experience of the past?

Fall 2022: HIST GU4101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4101	001/10639	M 10:10am - 12:00pm 311 Fayerweather	Pamela Smith	4.00	15/20

HIST GU4277 History of Urban Crime and Policing in Latin America in Global Perspective. 4.00 points.

This seminar examines the social construction of criminality and the institutions that developed to impose and enforce the criminal law as reflections of Latin American urban society throughout the region's history, with a particular emphasis on the rise of police forces as the principal means of day-to-day urban governance. Topics include policing and urban slavery; policing the urban "underworld"; the changing cultural importance of police in urban popular culture; the growth of scientific policing methods, along with modern criminology and eugenics; policing and the enforcement of gender norms in urban public spaces; the role of urban policing in the rise of military governments in the twentieth century; organized crime; transitional justice and the contemporary question of the rule of law; and the transnational movement of ideas about and innovations in policing practice. In our readings and class discussions over the course of the semester, we will trace how professionalized, modern police forces took shape in cities across the region over time. This course actually begins, however, in the colonial period before there was anything that we would recognize as a modern, uniformed, state-run police force. We will thus have a broad perspective from which to analyze critically the role of police in the development of Latin American urban societies—in other words, to see the police in the contemporary era as contingent on complex historical processes, which we will seek to understand

Fall 2022: HIST GU4277

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4277	001/12789	M 4:10pm - 6:00pm 311 Fayerweather	Amy Chazkel	4.00	17/15

HIST GU4397 Nationalism and Revolution in Modern Ireland. 4.00 points.

Nationalism is one of the most persistent, powerful and elusive forces in modern world history. This course examines it through a particularly compelling and accessible case study: Ireland. As both a subject of, and a partner in, British colonialism, Ireland straddled both the imperial and anti-imperial dimensions of

nineteenth and twentieth-century nationalism. Ireland reveals nationalism's complexities and ambiguities in an era in which large multinational empires, not nation-states, were frequently seen as fundamental units of political organization. Through its relationship to the Catholic church, through the global Irish diaspora (especially, though not exclusively, in the US) and through its correspondence and cooperation with other struggles for 'nationality' in nineteenth-century Europe, modern Irish nationalism became a transnational phenomenon. As such, it can show us some of the ways in which growing global communication and interconnection can produce and reinforce national sentiment rather than undermining it. Over a period from the late-eighteenth to the late-twentieth centuries, we will trace the diverse and often conflicting modes of nationalist politics and ideology in Ireland, encompassing controversies over sovereignty, empire, democracy, religion, trade, property, political violence and culture. In so doing, we will not only learn about the role of nationalism in Irish history, but seek to understand its broad conceptual relevance in modern politics

Fall 2022: HIST GU4397

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4397	001/12851	W 10:10am - 12:00pm 301m Fayerweather	James Stafford	4.00	15/15

HIST GU4403 American Empire. 4.00 points.

This course surveys the historical debates surrounding the question of American empire. Drawing on a wide range of scholarly writings, we will explore the rise of the United States to the status of a major world power over the 19th and 20th centuries. Students will also use the semester to design, research, and write a substantial essay that draws on both primary and secondary sources on a topic chosen in consultation with the professor

Fall 2022: HIST GU4403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4403	001/12861	Th 12:10pm - 2:00pm 302 Fayerweather	Paul Chamberlin	4.00	10/15

HIST GU4571 HIV and AIDS in Black America. 4.00 points.

Through a series of thematically-arranged secondary and primary source readings and research writing assignments, students in this seminar course will explore the public health, medical, political, and social histories of HIV and AIDS in Black American communities. The course's chronological focus begins roughly two decades before the first recognition of the syndrome to the first decade of the twenty-first century. Thematically, the course will address several issues, including syndemic theory; stigma, homophobia and political marginalization; late capitalism and public health; the health effects of segregation; and mass incarceration. Admission to this course is by application: <https://forms.gle/aomWYHiqHaGyumBn9>. Please note that students enrolling in this course must do so for a grade, and not on a pass/fail or audit basis. GUIDELINES # REQUIREMENTS Undergraduate and masters students are welcome in this course by application.

Due to the higher level of course material, students should have an academic or professional background in African-American history or public health history. Students may not enroll this course on a pass/fail basis or as an auditor. Please consult the "Class Performance Guidelines" document for details. Student assessment will be based on various criteria: Class discussion participation 35# Presentation of the readings 15# Writing assignments 50# Policy on Academic Integrity Please note that all students are bound to the guidelines set forth in the College's statement on Academic Integrity (<http://www.college.columbia.edu/academics/academicintegrity>)

Fall 2022: HIST GU4571

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4571	001/12764	T 10:10am - 12:00pm 301m Fayerweather	Samuel Roberts	4.00	8/15

HIST GU4607 RABBIS FOR HISTORIANS. 4.00 points.

This course introduces the central historical issues raised by ancient Palestinian and Babylonian rabbinic literature through exploration of some of the crucial primary texts and analysis of the main scholarly approaches to these texts

Fall 2022: HIST GU4607

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4607	001/10635	Th 2:10pm - 4:00pm 302 Fayerweather	Seth Schwartz	4.00	7/15

HIST GU4622 A Global History of Jewish Migration and the State. 4.00 points.

Over the course of the nineteenth and twentieth centuries, millions of Jews uprooted themselves from their places of birth and settled in new homes around the world. This mass migration not only transformed the cultural and demographic centers of world Jewry, but also fundamentally changed the way in which state's organized their immigration regimes. In this course, we shall analyze the historiography in migration studies, state formation and Jewish history to make sense of the different factors shaping Jewish immigrants' experiences in different parts of the world

Spring 2023: HIST GU4622

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4622	001/14595	Th 12:10pm - 2:00pm 311 Fayerweather	Rebecca Kobrin	4.00	6/15

HIST GU4699 Medieval Franciscans and their World. 4.00 points.

This course will offer an examination of the birth and development of the Franciscan Order between 1200-1350. The topics will include Francis of Assisi, the foundation of the three orders of Franciscans, education, poverty, preaching, theology internal strife, antifraternalism, and relations with secular governments and papacy

Fall 2022: HIST GU4699

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 4699 001/10636 Th 12:10pm - Neslihan 4.00 7/15
2:00pm Senocak
301m Fayerweather

HIST GU4714 MOD ARAB INTELLECTUAL HISTORY. 4.00 points.

This seminar will introduce advanced history students to key themes in modern Arabic thought from the eighteenth century to present. Examining the history of ideas against their institutional, political, and metatextual backgrounds, it also considers the role these played in constructing new narratives and imaginaries

Fall 2022: HIST GU4714

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4714	001/13381	W 2:10pm - 4:00pm 311 Fayerweather	Marwa Elshakry	4.00	12/15

HIST GU4727 The History of the End of the World. 4.00 points.

For thousands of years people have been getting ready for the end of the world, giving rise to millenarian movements that have sometimes changed history. More than once, large numbers of people have experienced events such as the Black Death, the Little Ice Age, colonial conquest, and “strategic” bombing that seemed very much like the end of their world. And over the last seventy-five years, governments and international organizations have made major investments in predicting and preparing for catastrophic threats. Efforts to manage or mitigate these dangers have had world-changing consequences, including “preventative” wars, and new forms of global governance. The very idea of the end of the world, in other words, has a long history, with a demonstrable impact, which provides instructive lessons as we contemplate things to come. This course will explore this history, beginning with eschatology and millenarian movements. In part two, students will learn how different conceptual frameworks can be applied to assessing and managing risk, and understanding how people perceive or misperceive danger. They will learn how they can be applied to identify the most important challenges, drawing insights from different disciplinary approaches. The third and main part of the course will consist of comparative and connected analyses of the age-old apocalyptic threats -- war, pestilence, and famine -- in their modern forms, i.e. nuclear armageddon, pandemics, and ecological collapse. By examining them together, we can compare the magnitude and probability of each danger, and also explore their interconnections. We will see, for instance, how nuclear testing helped give rise to the environmental movement, and how modeling the aftereffects of nuclear exchanges helped advance understanding of climate change. Similarly, scenario exercises have shaped threat perceptions and disaster-preparedness for pandemics and bio-warfare as much as they did for nuclear war and terrorism. Readings and discussions will explore how planetary threats are interconnected, and not just in the techniques used to predict and plan for them. Applying nuclear power to the problem of global warming, for instance, could undermine longstanding efforts to stop nuclear proliferation. Climate change and mass

migration, on the other hand, create new pandemic threats, as a more crowded and interconnected world becomes a single ecosystem. Yet billions spent on building up defenses have created more capacity and opportunity for bio-terrorism. Who would actually use a nuclear or biological weapon? Perhaps a millenarian group hoping to ride death, the fourth horse of the apocalypse, straight to heaven

Fall 2022: HIST GU4727

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4727	001/10604	W 10:10am - 12:00pm 522c Kent Hall	Matthew Connelly	4.00	6/15

HIST GU4779 AFRICAN FRANCE, FRENCH AFRICA. 4.00 points.

This seminar explores a tradition of historical writing (historiography) that constructs “Africa and France,” or “France and Africa,” or “FrançAfrique” as an historical object and as an object of knowledge. That body of writing accounts in various and sometimes contradictory ways for the peculiar, intense, and historically conflictual relationship that exists between France and the sub-Saharan nation-states that are its former African colonies

Fall 2022: HIST GU4779

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4779	001/12803	W 10:10am - 12:00pm 328 Uris Hall	Gregory Mann	4.00	8/15

FALL 2022 CROSS-LISTED COURSES

PLEASE READ: The passage below lists **all** sections being offered by a Columbia instructor for a given course, including sections which **do not** count for History students. **NOT ALL** sections of the courses listed below count for History majors and concentrators. Particular sections **only** count towards the History degree if the section instructor is a History faculty member or an affiliate with the History Department. For additional information, please review the “Requirements” tab or consult Undergraduate Administrator at undergraduate-history@columbia.edu (sjm2206@columbia.edu). All courses from the Barnard History Department also count towards the History degree.

AFAS UN1002 Major Debates in African-American Studies. 4.00 points.

Prerequisites: Students must register for discussion section, AFAS UN1003.

Prerequisites: Students must register for discussion section, AFAS UN1003. This course will focus on the major debates in African-American Studies from the role of education to the political uses of art. The class will follow these debates historically with attention to the ways in which earlier discussions on migration and emigration, for example, were engaged with the specific historical conjuncture in which they took place as well as in the myriad ways in which earlier

debates continue to resonate today. There will be a mix of primary documents and secondary sources and commentary

Fall 2022: AFAS UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 1002	001/13511	Th 12:10pm - 2:00pm 425 Pupin Laboratories	Shanya Cordis	4.00	12/12

CSER UN1011 INTRO ASIAN AMERICAN STUDIES. 4.00 points.

This course provides an overview of Asian/ Pacific American history from the late 18th Century until the present day. The course follows a thematic format that begins with European and American empires in Asia and the Pacific. The course surveys significant and interrelated topics -- including anti-Asian movements, immigration and exclusion, various forms of resistance, Orientalism, media representations, the model minority myth, the Asian American movement, identity, and racial, ethnic, and generational conflicts -- in Asian/ Pacific American history of the 19th and 20th Centuries. Each of these concepts and topics will resonant, in various expressions and forms, well into the 21st Century and beyond

Fall 2022: CSER UN1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 1011	001/11571	T 2:10pm - 4:00pm 420 Hamilton Hall	Mae Ngai	4.00	13/15

ASCE UN1359 INTRO TO EAST ASIAN CIV: CHINA. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section, ASCE UN1360

Prerequisites: NOTE: Students must register for a discussion section, ASCE UN1360 The evolution of Chinese civilization from ancient times to the 20th century, with emphasis on characteristic institutions and traditions

Fall 2022: ASCE UN1359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1359	001/10650	T Th 1:10pm - 2:25pm 142 Uris Hall	Dongxin Zou	4.00	74/90

ASCE UN1361 INTRO EAST ASIAN CIV: JPN. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section ASCE UN1371

Prerequisites: NOTE: Students must register for a discussion section ASCE UN1371 A survey of important events and individuals, prominent literary and artistic works, and recurring themes in the history of Japan, from prehistory to the 20th century

Fall 2022: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASCE 1361	001/10648	M W 4:10pm - 5:25pm 310 Fayerweather	Paul Kreitman	4.00	84/90
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Spring 2023: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/10959	M W 11:40am - 12:55pm 402 Chandler	Gregory Pflugfelder	4.00	77/90

HSME UN2810 HISTORY OF SOUTH ASIA I. 4.00 points.
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Graduate students must register for HIST G6998 version of this course.

This survey lecture course will provide students with a broad overview of the history of South Asia as a region - focusing on key political, cultural and social developments over more than two millennia. The readings include both primary sources (in translation) and secondary works. Our key concerns will be the political, cultural and theological encounters of varied communities, the growth of cities and urban spaces, networks of trade and migrations and the development of both local and cosmopolitan cultures across Southern Asia. The survey will begin with early dynasties of the classical period and then turn to the subsequent formation of various Perso-Turkic polities, including the development and growth of hybrid political cultures such as those of Vijayanagar and the Mughals. The course also touches on Indic spiritual and literary traditions such as Sufi and Bhakti movements. Near the end of our course, we will look forward towards the establishment of European trading companies and accompanying colonial powers

Fall 2022: HSME UN2810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 2810	001/15043	T Th 10:10am - 11:25am 601 Fairchild Life Sciences Bldg	Manan Ahmed	4.00	58/65

CLCV UN3008 The Age of Augustus. 3.00 points.

The reign of the first Roman emperor, Augustus (27bce-14ce), has been seen as a Roman revolution, both political and cultural. Rome had for centuries been governed as a Republic, but a series of increasingly divisive civil wars allowed Augustus to create a new political system in which he exercised sole rule as the 'first citizen' within a 'Restored Republic'. Augustus' reign lasted more than 40 years, and established a model of autocratic rule that would last for four centuries. During this time there were profound changes in the political, social, and cultural structures of Rome. In this course, you will examine the nature of these changes, Augustus' political strategies, military activities, and religious initiatives through his own writing, the accounts of (often hostile) historians and a range of literary and archaeological sources, including Roman poetry. Ultimately, we will address the question: how did Augustus achieve the seemingly paradoxical feat of becoming a monarch within a republican system?

Fall 2022: CLCV UN3008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3008	001/11617	M W 1:10pm - 2:25pm 401 Chandler	Lisa Mignone	3.00	12/25

CGTH UN3300 Histories of the Global. 4.00 points.

This course examines the long history of global interconnectivity, the forces that have forged it, the vulnerabilities and debates it has engendered, and the worlds it has created. It departs from civilizational approaches to world history that revolve around certain cultural centers and focuses instead on the webs of interconnection and interdependence generated by the movement of people, ideas, technologies, material cultures, pathogens, and flora and fauna across space and through time. In the face of surging ethno-nationalism and claims of cultural essentialism today, this approach underscores the hybridity of human societies and individual identities as well. The course consists of three units. A brief opening unit lays a foundation by examining civilizational and global approaches and considering methods for thinking globally through comparison, contextualization, and connection. Unit Two takes up instances in the long history of global interconnectivity from ancient to contemporary times, showing how distant societies became bound together, for better and for worse, as well as the ways increasing interdependence continually reshape(d) local realities. The goal is not to fashion a comprehensive global history, but to understand the connections that have made the interdependent world what it is today. Unit Three addresses contemporary issues of global connection, including the ways ideas circulate in the digital age, creating expectations and sparking movements that resonate locally in diverse ways. We conclude by considering the ways the dislocations of globalization have contributed to the political polarization that divides many societies and thinking together about how to build a better interconnected world

Fall 2022: CGTH UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CGTH 3300	001/13002	T 12:10pm - 2:00pm 302 Hamilton Hall	Laura Neitzel	4.00	9/15

EAAS UN3338 CULTRL HIST-JAPANESE MONSTERS. 3.00 points.

Priority is given to EALAC and History majors, as well as to those who have done previous coursework on Japan.

From Godzilla to Pokemon (literally, pocket monster) toys, Japanese monsters have become a staple commodity of late-capitalist global pop culture. This course seeks to place this phenomenon within a longer historical, as well as a broader cross-cultural, context. Through an examination of texts and images spanning over thirteen centuries of Japanese history, along with comparable productions from other cultures, students will gain an understanding not only of different conceptions and representations of monsters, ghosts, and other supernatural creatures in Japan, but also of the role of the monstrous in the cultural imagination more generally. The

course draws on various media and genres of representation, ranging from written works, both literary and scholarly, to the visual arts, material culture, drama, and cinema. Readings average 100-150 pages per week. Several film and video screenings are scheduled in addition to the regular class meetings. Seating is limited, with final admission based on a written essay and other information to be submitted to the instructor before the beginning of the semester

Fall 2022: EAAS UN3338

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3338	001/10654	M W 11:40am - 12:55pm 327 Uris Hall	Gregory Pflugfelder	3.00	14/15

AMHS UN3462 IMMIGRANT NEW YORK. 4.00 points.

For centuries, New York City has served as a primary gateway city for immigrants to the United States. In the early twentieth century, according to the 1910 Census, New York City's population was roughly 40% foreign-born. The problems these immigrants presented to government officials, doctors, religious leaders, industrialists, the police, and educators in New York City transformed not only the local debate on immigration but the national discussion of "Americanization" as well. According to the most recent census, approximately 40% of the city's population is foreign-born. Like their predecessors at the turn of the twentieth century, contemporary immigrants, arriving from the Caribbean, Africa, Central America, Asia, and Europe, have posed serious challenges to the civic, educational, and political institutions of New York City. How are these foreign-born residents reshaping the city today? This seminar explores the intersection of immigration, race, culture, and politics in New York City, both from the perspective of history and in relation to contemporary realities as it explores the forces shaping the century-old encounter between immigrants and New York City

Fall 2022: AMHS UN3462

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMHS 3462	001/10617	Th 2:10pm - 4:00pm 212d Lewisohn Hall	Jessica Lee	4.00	15/15

CSER UN3928 COLONIZATION/DECOLONIZATION. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 22.

Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructor's permission.

Prerequisites: Open to CSER majors/concentrators only. Others may be allowed to register with the instructors permission.

This course explores the centrality of colonialism in the making of the modern world, emphasizing cross-cultural and social contact, exchange, and relations of power; dynamics of conquest and resistance; and discourses of civilization, empire, freedom, nationalism, and human rights, from 1500 to 2000.

Topics include pre-modern empires; European exploration, contact, and conquest in the new world; Atlantic-world slavery and emancipation; and European and Japanese colonialism

in Asia, Africa, and the Middle East. The course ends with a section on decolonization and post-colonialism in the period after World War II. Intensive reading and discussion of primary documents

Fall 2022: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/11569	T 10:10am - 12:00pm 602 Lewisohn Hall	Karl Jacoby	4.00	23/22
CSER 3928	002/11570	T 2:10pm - 4:00pm 609 Hamilton Hall	Natasha Lightfoot	4.00	19/20

Spring 2023: CSER UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3928	001/10147	W 10:10am - 12:00pm 602 Northwest Corner	Czarina Thelen	4.00	22/22
CSER 3928	002/14981	Th 4:10pm - 6:00pm 301m Fayerweather	Emma Crane	4.00	22/22

AMST UN3930 Topics in American Studies. 4 points.

Please refer to the Center for American Studies website for course descriptions for each section.
americanstudies.columbia.edu

Fall 2022: AMST UN3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	001/10028	T 2:10pm - 4:00pm 317 Hamilton Hall	Hilary-Anne Hallett	4	14/18
AMST 3930	002/10029	T 10:10am - 12:00pm 317 Hamilton Hall	James Shapiro	4	10/18
AMST 3930	003/10030	W 12:10pm - 2:00pm 317 Hamilton Hall	John McWhorter	4	7/18
AMST 3930	004/11089	W 10:10am - 12:00pm 317 Hamilton Hall	Roosevelt Montas	4	22/18
AMST 3930	005/12000	F 10:10am - 12:00pm 317 Hamilton Hall	Michael Hindus	4	11/18

EAAS UN3990 APPROACHES TO E ASIAN STUDIES. 4.00 points.

Enrollment is limited to EALAC and AMEC majors and concentrators only.

This course is intended to provide a focal point for undergraduate majors in East Asian Studies. It introduces students to the analysis of particular objects of East Asian historical, literary, and cultural studies from various disciplinary perspectives. The syllabus is composed of a series of modules, each centered around an object, accompanied by readings that introduce different ways of understanding its meaning

Fall 2022: EAAS UN3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EAAS 3990 001/10655	T 4:10pm - 6:00pm 522c Kent Hall	Robert Hymes	4.00	13/20
EAAS 3990 002/10656	Th 12:10pm - 2:00pm 405 Kent Hall	Gregory Pflugfelder	4.00	13/20

HSEA GU4027 ISSUES IN EARLY CHINESE CIV. 4.00 points.

The purpose of this course is to introduce students to the basic issues and problems in the study of early Chinese civilization, some theoretical and others methodological. Through the review of a long series of debates the course offers a quick entrance both to this early period of history and to these studies. Organized around problems, the course encourages critical thinking and contesting arguments and helps the students weigh different positions addressing the problems. By doing so, the course guides the students to search for frontline questions and to probe possible ways to solve the problems. The course deals with both the written records (inscriptional and textual) and the material evidence, and the student can well expect this course to serve as also updates of the most fascinating archaeological discoveries in China made in the past decades. The course is designed as an upper-level undergraduate and MA course; therefore, it is recommended that undergraduate students should take "ASCE V2359: Introduction to East Asian Civilizations: China" before participating in this course.

Spring 2023: HSEA GU4027

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4027	001/14400	M 2:10pm - 4:00pm 602 Northwest Corner	Feng Li	4.00	10/20

JPNS GU4519 INTRODUCTION TO KANBUN. 4.00 points.

Prerequisites: *JPNS W4007* or the equivalent.

Introduction to the fundamentals of reading Chinese-style Japanese and related forms, using literary and historical texts.
CC GS EN CE GSAS

Fall 2022: JPNS GU4519

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4519	001/10671	T Th 10:10am - 11:25am 522c Kent Hall	David Lurie	4.00	6/12

HSEA GU4860 SOC OF CHOSON KOREA 1392-1910. 4.00 points.

Major cultural, political, social, economic and literary issues in the history of this 500-year long period. Reading and discussion of primary texts (in translation) and major scholarly works. All readings will be in English

Spring 2023: HSEA GU4860

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4860	001/11082	M 2:10pm - 4:00pm 522c Kent Hall	Jungwon Kim	4.00	13/15

HSEA GU4880 HISTORY OF MODERN CHINA I. 3.00 points.

China's transformation under its last imperial rulers, with special emphasis on economic, legal, political, and cultural change

Fall 2022: HSEA GU4880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4880	001/10667	T Th 4:10pm - 5:25pm 413 Kent Hall	Madeleine Zelin	3.00	47/60

SPRING 2023 HISTORY COURSES**HIST UN1004 ANCIENT HISTORY OF EGYPT. 4.00 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A survey of the history of ancient Egypt from the first appearance of the state to the conquest of the country by Alexander of Macedon, with emphasis of the political history, but also with attention to the cultural, social, and economic developments

Spring 2023: HIST UN1004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1004	001/11267	T Th 4:10pm - 5:25pm 301 Uris Hall	Marc Van De Mierop	4.00	159/210

HIST BC1302 EUROPEAN HISTORY SINCE 1789. 4.00 points.

Emergence of revolutionary and counter-revolutionary mass political movements; European industrialization, nationalism, and imperialism; 20th-century world wars, the Great Depression, and Fascism

Spring 2023: HIST BC1302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1302	001/00142	M W 10:10am - 11:25am 304 Barnard Hall	Lisa Tiersten	4.00	90/105

HIST UN1512 The Battle for North America: An Indigenous History of the Seven Years War, the American Revolution, and the War of 1812. 4.00 points.

This course will explore the struggle to control the continent of North America from an Indigenous perspective. After a century of European colonization Native peoples east of the Mississippi River Valley formed a political confederation aimed at preserving Native sovereignty. This Native confederacy emerged as a dominant force during the Seven Years War, the American Revolution, and the War of 1812. At times Native political interests aligned with the French and British Empires, but remained in opposition to the expansion of Anglo-American colonial settlements into Indian country. This course is designed to engage literature and epistemology surrounding these New World conflicts as a means of the colonial and post-colonial past in North America. We will explore the emergence of intersecting indigenous and European national

identities tied to the social construction of space and race. In this course I will ask you to re-think American history by situating North America as a Native space, a place that was occupied and controlled by indigenous peoples. You will be asked to imagine a North America that was indigenous and adaptive, and not necessarily destined to be absorbed by European settler colonies. Accordingly, this course we will explore the intersections of European colonial settlement and Euro-American national expansion, alongside of the emergence of indigenous social formations that dominated the western interior until the middle of the 19th century. This course is intended to be a broad history of Indigenous North America during a tumultuous period, but close attention will be given to use and analysis of primary source evidence. Similarly, we will explore the necessity of using multiple genres of textual evidence – archival documents, oral history, material artifacts, etc., -- when studying indigenous history

Spring 2023: HIST UN1512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1512	001/11288	T Th 1:10pm - 2:25pm 304 Hamilton Hall	Michael Witgen	4.00	26/35

HIST BC1760 INTRO AFRICAN HIST:1700-PRESNT. 4.00 points.

Survey of African history from the 18th century to the contemporary period. We will explore six major themes in African History: Africa and the Making of the Atlantic World, Colonialism in Africa, the 1940s, Nationalism and Independence Movements, Post-Colonialism in Africa, and Issues in the Making of Contemporary Africa

Spring 2023: HIST BC1760

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1760	001/00143	T Th 11:40am - 12:55pm 203 Diana Center	Abosede George	4.00	30/40

HIST UN2072 DAILY LIFE IN MEDIEVAL EUROPE. 4.00 points.

This course is designed as travellers guide to medieval Europe. Its purpose is to provide a window to a long-lost world that provided the foundation of modern institutions and that continues to inspire the modern collective artistic and literary imagination with its own particularities. This course will not be a conventional history course concentrating on the grand narratives in the economic, social and political domains but rather intend to explore the day-to-day lives of the inhabitants, and attempts to have a glimpse of their mindset, their emotional spectrum, their convictions, prejudices, fears and hopes. It will be at once a historical, sociological and anthropological study of one of the most inspiring ages of European civilization. Subjects to be covered will include the birth and childhood, domestic life, sex and marriage, craftsmen and artisans, agricultural work, food and diet, the religious devotion, sickness and its cures, death, after death (purgatory and the apparitions), travelling, merchants and trades, inside the nobles castle, the Christian cosmos, and

medieval technology. The lectures will be accompanied by maps, images of illuminated manuscripts and of medieval objects. Students will be required to attend a weekly discussion section to discuss the medieval texts bearing on that weeks subject. The written course assignment will be a midterm, final and two short papers, one an analysis of a medieval text and a second an analysis of a modern text on the Middle Ages

Spring 2023: HIST UN2072

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2072	001/11210	T Th 11:40am - 12:55pm 313 Fayerweather	Neslihan Senocak	4.00	64/70

HIST UN2215 MODERN RUSSIAN HISTORY. 4.00 points.

An introductory survey of the history of Russia, the Russian Empire, and the Soviet Union over the last two centuries. Russia's role on the European continent, intellectual movements, unfree labor and emancipation, economic growth and social change, and finally the great revolutions of 1905 and 1917 define the "long nineteenth century." The second half of the course turns to the tumultuous twentieth century: cultural experiments of the 1920s, Stalinism, World War II, and the new society of the Khrushchev and Brezhnev years. Finally, a look at very recent history since the East European revolutions of 1989-91. This is primarily a course on the domestic history of Russia and the USSR, but with some attention to foreign policy and Russia's role in the world

Spring 2023: HIST UN2215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2215	001/11800	T Th 2:40pm - 3:55pm 333 Uris Hall	Yana Skorobogatov	4.00	31/35

HIST UN2222 NATURE # POWER: ENV HIST NORTH AMERICA. 4.00 points.

Environmental history seeks to expand the customary framework of historical inquiry, challenging students to construct narratives of the past that incorporate not only human beings but also the natural world with which human life is intimately intertwined. As a result, environmental history places at center stage a wide range of previously overlooked historical actors such as plants, animals, and diseases. Moreover, by locating nature within human history, environmental history encourages its practitioners to rethink some of the fundamental categories through which our understanding of the natural world is expressed: wilderness and civilization, wild and tame, natural and artificial. For those interested in the study of ethnicity, environmental history casts into particularly sharp relief the ways in which the natural world can serve both to undermine and to reinforce the divisions within human societies. Although all human beings share profound biological similarities, they have nonetheless enjoyed unequal access to natural resources and to healthy environments—differences that have all-too-frequently been justified by depicting such conditions as "natural."

Spring 2023: HIST UN2222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2222	001/11184	T Th 10:10am - 11:25am 310 Fayerweather	Karl Jacoby	4.00	51/70
HIST 2222	AU1/18502	T Th 10:10am - 11:25am Othr Other	Karl Jacoby	4.00	6/6

HIST BC2375 Fascism in European History. 3.00 points.

What was Fascism? What kind of appeal did authoritarianism and dictatorship have in interwar Europe? How did the Fascist "New Order" challenge liberal democracies and why did it fail in World War II? What was the common denominator of Fascist movements across Europe, and in particular in Mussolini's Italy, Salazar's Portugal, Franco's Spain, culminating in Nazi Germany? This class examines the history of Fascism as an ideology, constellation of political movements, and authoritarian regimes that aimed at controlling the modernization of European societies in the interwar period. Thus, the course focuses in particular on the relationship between politics, science and society to investigate how Fascism envisioned the modernity of new technologies, new social norms, and new political norms. The class will also explore Fascism's imperialist goals, such as the calls for national renewal, the engineering of a new race, and the creation of a new world order

Spring 2023: HIST BC2375

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2375	001/00144	T Th 4:10pm - 5:25pm 302 Barnard Hall	Angelo Caglioti	3.00	35/40

HIST BC2380 HISTORY OF FOOD IN EUROPE. 3.00 points.

Prerequisites: Previous course in history strongly recommended.

Prerequisites: Previous course in history strongly recommended. Course enables students to focus on remote past and its relationship to social context and political and economic structures; students will be asked to evaluate evidence drawn from documents of the past, including tracts on diet, health, and food safety, accounts of food riots, first-hand testimonials about diet and food availability. A variety of perspectives will be explored, including those promoted by science, medicine, business, and government

Spring 2023: HIST BC2380

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2380	001/00145	T Th 1:10pm - 2:25pm 304 Barnard Hall	Deborah Valenze	3.00	51/60

HIST BC2477 RACE, CLASS, AND POLITICS IN NEW YORK CITY. 3.00 points.

The objectives of this course are: to gain familiarity with the major themes of New York History since 1898, to learn to think historically, and to learn to think and write critically about

arguments that underlie historical interpretation. We will also examine and analyze the systems and structures--of race and class--that have shaped life in New York, while seeking to understand how social groups have pursued change inside and outside of such structures

Spring 2023: HIST BC2477

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2477	001/00146	M W 6:10pm - 7:25pm 304 Barnard Hall	Matthew Vaz	3.00	66/70

HIST BC2482 REVOLUTIONARY AMERICA, 1763-1. 3.00 points.

How did thirteen diverse British colonies become a single boisterous but fragile new nation? Historians still disagree about the causes, motives, and meanings surrounding the founding of the United States of America. Major themes include the role of ideologies, material interests, global contexts, race, gender, and class

Spring 2023: HIST BC2482

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2482	001/00147	T Th 8:40am - 9:55am L1103 Diana Center	Andrew Lipman	3.00	54/60

HIST UN2491 US FOREIGN RELATIONS 1890-1990. 4.00 points.

This course has three purposes: (i) to examine the role and identity of the United States in the world, roughly between the 1890s and the late 20th century; (ii) to provide an empirical grasp of U.S. foreign relations during that period; and (iii) to subject to critical inquiry the historiographical views on the various periods and events which have come to make up that history. The lectures, on the whole, will be supplementary to the readings, not a commentary on them

Spring 2023: HIST UN2491

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2491	001/14546	M W 11:40am - 12:55pm 516 Hamilton Hall	Anders Stephanson	4.00	24/35

HIST UN2540 HISTORY OF THE SOUTH. 4.00 points.

A survey of the history of the American South from the colonial era to the present day, with two purposes: first, to afford students an understanding of the special historical characteristics of the South and of southerners; and second, to explore what the experience of the South may teach about America as a nation

Spring 2023: HIST UN2540

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2540	001/11310	T Th 11:40am - 12:55pm 310 Fayerweather	Barbara Fields	4.00	52/80

HIST UN2587 SPORT#SOCIETY IN THE AMERICAS. 4.00 points.

This course explores the ways organized sport constitutes and disrupts dominant understandings of nation, race, gender, and sexuality throughout the Americas. Working from the notion that sport is "more than a game," the class will examine the social, cultural and political impact of sports in a variety of hemispheric American contexts from the 19th century until the present. While our primary geographic focus will be the United States, Brazil, and the Caribbean, the thrust of the course encourages students to consider sports in local, national, and transnational contexts. The guiding questions of the course are: What is the relationship between sport and society? How does sport inform political transformations within and across national borders? How does sport reinforce and/or challenge social hierarchies? Can sport provide alternative visions of the self and community? Throughout the semester we will examine such topics as: the continuing political struggles surrounding the staging of mega-events such as the Olympics and World Cup, the role of professional baseball in the rise and fall of Jim Crow segregation, the impact of football on the evolution of masculine identities in the U.S., the impact of tennis on the Second-Wave feminist movement, and the role of sports in the growth of modern American cities. Course materials include works by historians, sociologists, social theorists, and journalists who have also been key contributors to the burgeoning field of sports studies. Thus, the course has three objectives: 1) To deepen our understanding of the relationship between sport and society 2) To encourage students to examine the sporting world beyond the frame of the nation-state 3) To consider the promises and challenges of sport as a site of social theory and knowledge production

Spring 2023: HIST UN2587

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2587	001/11181	M W 11:40am - 12:55pm 310 Fayerweather	Frank Guridy	4.00	63/70

HIST UN2611 JEWS # JUDAISM IN ANTIQUITY. 4.00 points.

Prerequisites: Students must also enroll in required discussion section.

Field(s): ANC

Spring 2023: HIST UN2611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2611	001/11207	M W 10:10am - 11:25am 253 Engineering Terrace	Seth Schwartz	4.00	11/20

HIST UN2661 LATIN AMERICAN CIVILIZATION II. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores major themes in Latin American history from the independence period (ca 1810) to the present.

We will hone in on Latin America's "chronic" problems of social inequality, political polarization, authoritarianism, incomplete democratization, and troubled memory politics. The course covers economic, social, and cultural histories, and gives special weight to the transnational aspects of Latin American ideological struggles – from its dependency on Western capital to its ideological "inner Cold War" – and the way they influenced the subaltern strata of society. The section discussions are a crucial component of the course, and will focus on assigned historiography. While the lecture centers on constructing a cogent meta-narrative for Latin America's modern era, in the section we will explore not only the historical "facts," but will instead ask: how do historians know what they know about the past? What sources and analytic methods do they use to write history? And what ethical dilemmas do they confront when narrating politically-sensitive topics?

Spring 2023: HIST UN2661

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2661	001/11205	T Th 2:40pm - 3:55pm 310 Fayerweather	Alfonso Salgado	4.00	61/88
HIST 2661	AU1/18503	T Th 2:40pm - 3:55pm Othr Other	Alfonso Salgado	4.00	7/7

HIST UN2679 Atlantic Slave Trade. 4.00-4.50 points.

The history of human trafficking in the Atlantic world from the first European slaving expeditions in the late fifteenth century down to the final forced crossings in the era of the U.S. Civil War. Themes include captive taking in West Africa and its impact on West African societies, the commercial organization of the Atlantic slave trade in Europe and the Americas, and the experience of capture, exile, commodification, and survival of those shipped to the Americas

Spring 2023: HIST UN2679

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2679	001/11145	T Th 10:10am - 11:25am 717 Hamilton Hall	Christopher Brown	4.00-4.50	63/70
HIST 2679	AU1/18504	T Th 10:10am - 11:25am Othr Other	Christopher Brown	4.00-4.50	6/6

HSAM UN2901 DATA:PAST, PRESENT AND FUTURE. 3.00 points.

Lect: 1.5. Lab: 1.5.

Data-empowered algorithms are reshaping our professional, personal, and political realities, for good--and for bad. Data: Past, Present, and Future moves from the birth of statistics in the 18th century to the surveillance capitalism of the present day, covering racist eugenics, World War II cryptography, and creepy personalized advertising along the way. Rather than looking at ethics and history as separate from the science and engineering, the course integrates the teaching of algorithms and data manipulation with the political whirlwinds and ethical controversies from which those techniques emerged. We pair

the introduction of technical developments with the shifting political and economic powers that encouraged and benefited from new capabilities. We couple primary and secondary readings on the history and ethics of data with computational work done largely with user-friendly Jupyter notebooks in Python

Spring 2023: HSAM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSAM 2901	001/11863	T Th 10:10am - 11:25am 614 Schermerhorn Hall	Chris Wiggins, Matthew Jones	3.00	55/70

HSPB UN2950 Social History of U.S. Public Health. 4.00 points.

The purpose of this course is to provide students with an historical understanding of the role public health has played in American history. The underlying assumptions are that disease, and the ways we define disease, are simultaneously reflections of social and cultural values, as well as important factors in shaping those values. Also, it is maintained that the environments that we build determine the ways we live and die. The dread infectious and acute diseases in the nineteenth century, the chronic, degenerative conditions of the twentieth and the new, vaguely understood conditions rooted in a changing chemical and human-made environment are emblematic of the societies we created. Among the questions that will be addressed are: How does the health status of Americans reflect and shape our history? How do ideas about health reflect broader attitudes and values in American history and culture? How does the American experience with pain, disability, and disease affect our actions and lives? What are the responsibilities of the state and of the individual in preserving health? How have American institutions--from hospitals to unions to insurance companies--been shaped by changing longevity, experience with disability and death?

Spring 2023: HSPB UN2950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSPB 2950	001/11163	T Th 8:40am - 9:55am 301 Uris Hall	James Colgrove	4.00	125/140
HSPB 2950	AU1/18505	T Th 8:40am - 9:55am Othr Other	James Colgrove	4.00	5/5

HIST BC2980 WORLD MIGRATION. 3.00 points.

Overview of human migration from pre-history to the present. Sessions on classical Rome; Jewish diaspora; Viking, Mongol, and Arab conquests; peopling of New World, European colonization, and African slavery; 19th-century European mass migration; Chinese and Indian diasporas; resurgence of global migration in last three decades, and current debates

Spring 2023: HIST BC2980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 2980 001/00148 M W 8:40am - Jose Moya 3.00 30/40
9:55am
203 Diana Center

HIST UN3252 Animals in the History of East Central Europe. 4.00 points.

Over the last two decades scholars in the humanities and social sciences have embraced “the animal turn”: by asking questions about the place of animals in human societies and about animals’ experiences in various times and places they have instigated a field that has come to be known as Animal Studies. This research has expanded the range of analytical tools we have at our disposal to examine social worlds and to study meaning, representation, agency, and context and it also encouraged us to re-consider fundamental questions about the human–animal divide: what it is, where it is, and what its significance is. Moreover, it has become evident that animals are not just passive recipients of human action, but at times they can act as autonomous agents that can contribute to the shaping of the world that we share with them. Although this course adopts a perspective which is first and foremost historical, it also emphasizes the field’s interdisciplinary embedding and intersectional potentials. It shows that the study of historical developments through the lens of animals is not only intellectually rewarding in its own right, but it also provides new perspectives on a range of crucial topics, such as the history of war, capitalism, colonialism, consumption and entertainment. The majority of accounts in the field addresses developments in the Anglophone world. While also paying attention to the results of that research, the regional focus of this course will be on East Central Europe. After the first three sessions that serve as an introduction to the field, a number of case studies will reveal that animals have always been an integral part of the region’s social, cultural and economic life and that studying them in a historical perspective provides potentials for nuancing or even revising established knowledge on the history of East Central Europe

HIST UN3180 RELIGIOUS CONVERSION IN HIST. 4.00 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Boundary crossers have always challenged the way societies imagined themselves. This course explores the intersection between personal identity, narrative, and the historical-political, religious, economic, and social aspects of religious conversion. While the course will focus on Western (Christian and Jewish) models in the medieval and early modern periods, we will also look at antiquity, the role of conversion in the spread of Islam, and the complexities of religious conversion through the prism of colonial relations

Spring 2023: HIST UN3180

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3180	001/11159	T 10:10am - 12:00pm 311 Fayerweather	Elisheva Carlebach	4.00	16/17

HIST BC3368 HIST OF SENSES ENG # FRANCE. 4.00 points.

Examination of European understandings of human senses through the production and reception of art, literature, music, food, and sensual enjoyments in Britain and France. Readings include changing theories concerning the five senses; efforts to master the passions; the rise of sensibility and feeling for others; concerts and the patronage of art; the professionalization of the senses

Spring 2023: HIST BC3368

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3368	001/00149	W 2:10pm - 4:00pm 227 Milbank Hall	Deborah Valenze	4.00	15/15

HIST UN3437 CORP BEHAVIOR # PUBLIC HEALTH. 4.00 points.

Priority given to majors and concentrators, seniors, and juniors.

In the decades since the publication of Silent Spring and the rise of the environmental movement, public awareness of the impact of industrial products on human health has grown enormously. There is growing concern over BPA, lead, PCBs, asbestos, and synthetic materials that make up the world around us. This course will focus on environmental history, industrial and labor history as well as on how twentieth century consumer culture shapes popular and professional understanding of disease. Throughout the term the class will trace the historical transformation of the origins of disease through primary sources such as documents gathered in lawsuits, and medical and public health literature. Students will be asked to evaluate historical debates about the causes of modern epidemics of cancer, heart disease, lead poisoning, asbestos-related illnesses and other chronic conditions. They will also consider where responsibility for these new concerns lies, particularly as they have emerged in law suits. Together, we will explore the rise of modern environmental movement in the last 75 years

Spring 2023: HIST UN3437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3437	001/11204	W 8:10am - 10:00am 311 Fayerweather	David Rosner	4.00	13/15

HIST BC3495 Representing the Past. 4.00 points.

Examines the renderings of the past as conveyed by historians and by those seeking to “represent” the past, such as novelists, playwrights, filmmakers, ritualists, and artists. Analyzes the theoretical, philosophical, and evidentiary problems and possibilities inherent in various modes of historical narration and representation

Spring 2023: HIST BC3495

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3495	001/00151	W 2:10pm - 4:00pm 325 Milbank Hall	Mark Carnes	4.00	11/15

HIST UN3501 Indians and Empires in North America. 4.00 points.

In this course you will be asked to re-think American history. That is, we will approach the history of America as a continental history. This will require that we think of North America as a New World space, a place that was inhabited and occupied by indigenous peoples, and then remade by the arrival and settlement of Europeans. You will be asked to imagine a North America that was indigenous and adaptive, as well as colonial and Euro-American. This approach to the study of North American history is designed to challenge the epistemology and literature of the history of colonization and American expansion, which displaces Native peoples from the central narrative of American history by placing them at the physical margins of colonial and national development. Instead we will explore the intersection and integration of indigenous and Euro-American national identity and national space in North America and trace their co-evolution from first contact through the early nineteenth century

Spring 2023: HIST UN3501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3501	001/11289	W 10:10am - 12:00pm 302 Fayerweather	Michael Witgen	4.00	11/15

HIST UN3517 The Historical Imagination in Caribbean Literature. 4.00 points.

Caribbean literature offers complicated and vivid portrayals of the Caribbean's past, and grapples with difficult histories lived by its people that compromised colonial archives can only partially capture. Literary works far exceed the limited narratives of Caribbean history by imagining entire worlds that official documents could never contain, rich selves, cultures and communities built by many generations of Caribbean people. This course is aimed at bringing forth a broader understanding of Caribbean history by examining a body of creative works by feminist and womanist writers that continuously remain attuned to the complexities of the past, which are either underrepresented or absent in the record. Chosen literary texts will also be paired with historical works that will illuminate and contextualize the multiple themes with which these Caribbean authors frequently engage, including slavery, and colonialism, racism and colorism, migration and immigration, gender and sexuality, poverty and globalization. From these pairings, students will explore both the divergences and alignments in how writers and historians approach the work of retelling the past, and will acquire reading and writing skills that will foster thoughtful critical analysis of the ever-changing contours of the Caribbean's history

Spring 2023: HIST UN3517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3517	001/11864	T 2:10pm - 4:00pm 301m Fayerweather	Natasha Lightfoot	4.00	10/15

HIST BC3670 SEEKING ASYLUM. 4.00 points.

Note: This course meets as a lecture but it is a seminar.

Prerequisites: NA

Prerequisites: NA This seminar explores the roots of and responses to the contemporary refugee crisis at the U.S.-Mexico border. We examine the historical factors that are propelling people, including families and unaccompanied minors, to flee the so-called Northern Triangle of Central America (El Salvador, Honduras, Guatemala); the law and politics of asylum that those seeking refuge must negotiate in the U.S.; and the burgeoning system of immigration incarceration that detains ever-greater numbers of non-citizens. The course is organized around a collaboration with the Dilley Pro Bono Project, an organization that provides legal counsel to detainees at the country's largest immigration detention prison, in Dilley, Texas

Fall 2022: HIST BC3670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3670	001/00051	W 12:10pm - 2:00pm 214 Milbank Hall	Nara Milanich	4.00	13/15

Spring 2023: HIST BC3670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3670	001/00152	T 12:10pm - 2:00pm LI016 Milstein Center	Nara Milanich	4.00	18/20

HIST BC3770 African Communities in New York, 1900 to the Present. 4.00 points.

This class explores the history of voluntary migrations from Africa to the United States over the course of the 20th century. This course is designed as a historical research seminar that is open to students with prior coursework in African Studies, Africana Studies, Race and Ethnic Studies, or History. Thematically the course dwells at a point of intersection between African history, Black History, and Immigration History. As part of the Barnard Engages curriculum, this class is collaboratively designed with the Harlem-based non-profit organization, African Communities Together. The aim of this course is to support the mission of ACT by producing a historically grounded digital advocacy project. The mission of ACT is to empower immigrants from Africa and their families to integrate socially, advance economically, and engage civically. To advance this mission, ACT must confront the reality that in the current political moment new legal, political, and social barriers are being erected to the integration, advancement, and engagement of African immigrants on a daily basis. As immigrants, as Black people, as Africans, and often as women, low-income people, LGBT people, and Muslims, African immigrants experience multiple intersecting forms of marginalization. Now more than ever, it is critical that African immigrants be empowered to tell their own stories—not just of persecution and suffering, but of resilience and resistance

Spring 2023: HIST BC3770

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3770	001/00153	Th 4:10pm - 6:00pm 308 Diana Center	Abosede George	4.00	13/15

HIST UN3789 HISTORIES OF POVERTY IN AFRICA. 4.00 points.

In this course we will explore in a critical manner the concept of poverty in Africa. The emphasis is on historicizing categories such as poverty and wealth, debt and charity and on the ways in which people in Africa have understood such categories. As such the course takes a *longue durée* approach spanning over a millennium of history, ending with contemporary understandings of poverty.

HIST UN3712 African Climate and History. 4.00 points.

This course examines how Africa's climate has changed in the past and with what consequences for the people living on the continent. It looks at the scope, duration and intensity of past climate events and their impacts, while using these historical climate events to teach fundamental climate concepts. Central to the course is the human experience of these events and the diversity of their responses. The major question underpinning this course is, therefore, how have people responded to past climate events, whether short-term, decadal or longer in scope? This question is predicated on the complexity of human society and moves away from the binary of collapse vs. resilience that dominates much thinking about the impact of climate changes on past societies. This framing recognizes the significance of climate for food production and collection, as well as trade and cosmologies. It does not take climate to be the determining factor in history. Rather it foregrounds the myriad ways people acted in the face of, for example, multi-decadal below average rainfall or long periods of more reliable precipitation

Spring 2023: HIST UN3712

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3712	001/12002	Th 2:10pm - 4:00pm 302 Fayerweather	Jason Smerdon, Rhiannon Stephens	4.00	15/20

HIST UN3839 SENIOR THESIS SEMINAR. 4.00 points.

A year-long course for outstanding senior majors who want to conduct research in primary sources on a topic of their choice in any aspect of history, and to write a senior thesis possibly leading toward departmental honors. Field(s): ALL

Spring 2023: HIST UN3839

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3839	001/11275	T 2:10pm - 4:00pm 311 Fayerweather	Rhiannon Stephens	4.00	12/13
HIST 3839	002/11139	W 10:10am - 12:00pm 311 Fayerweather	Elizabeth Blackmar	4.00	12/12
HIST 3839	003/11284	M 2:10pm - 4:00pm 707 Hamilton Hall	Michael Stanislawski	4.00	14/14
HIST 3839	004/11187	M 2:10pm - 4:00pm 302 Alfred Lerner Hall	Natasha Lightfoot	4.00	13/13
HIST 3839	005/11296	M 4:10pm - 6:00pm 311 Fayerweather	Anna Danziger Halperin	4.00	10/13

HIST BC3864 Feast/Famine: Food Environment China. 4.00 points.

Food has always been a central concern in Chinese politics, religion, medicine, and culture. This course takes an ecological approach to the provision, preparation, and consumption of food in Chinese history, from the Neolithic times to the post-socialist era today. In examining Chinese approaches to soil fertility, healthy diet, and culinary pleasures, we explore alternative food systems for a more sustainable future

Spring 2023: HIST BC3864

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3864	001/00154	T 4:10pm - 6:00pm 404 Barnard Hall	Dorothy Ko	4.00	15/14

HIST UN3866 WARS OF INDOCHINA. 4.00 points.

Saigon and Hanoi served as competing capitals of the Republic of Vietnam (RVN) in the south and the Democratic Republic of Vietnam (DRV) in the north (1954-1975). They were symbols of warring states, one home to a fledgling republic, the other the seat of communist power. Since the late 19th century, they have also been sites of Vietnam's most dramatic transformations. As such, they occupy an important place in the historiography of modern Vietnam, not least in ongoing debates over the Indochina wars, Vietnamese nationalism, and regional difference. This course examines Saigon and Hanoi as social, political, and cultural spaces, and as representations of their respective states during the war. We first consider the significance of regionalism in fashioning "new ways of being Vietnamese" and examine how colonial rule reinforced those distinctions. We devote the rest of the semester to reading an array of works on the history of these cities. For the colonial period, we examine colonial urbanism, the lives of the poor, intellectuals and their ideas, as well as currents of political agitation and cultural iconoclasm. For the post-World War II period, we will focus on the distinct political cultures that took shape in the RVN and DRV. Finally, we end by looking at Saigon (now Ho Chi Minh City) and Hanoi in the post-war era, particularly after the Socialist Republic of Vietnam instituted sweeping economic reforms in the 1980s. Each week, we will discuss works social, cultural, and political history of Saigon and Hanoi, all the while keeping in mind their divergent trajectories in the three decades following World War II

Spring 2023: HIST UN3866

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3866	001/15146	W 10:10am - 12:00pm 302 Alfred Lerner Hall	Lien-Hang Nguyen	4.00	15/15

HIST BC3870 GENDER# MIGRATN:GLOBAL PERSPC. 4.00 points.

Prerequisites: Permission of the instructor. Enrollment limited to 15. Preregistration required. Sophomore Standing. Explores migration as a gendered process and what factors account for migratory differences by gender across place and time; including labor markets, education demographic and family structure, gender ideologies, religion, government regulations

and legal status, and intrinsic aspects of the migratory flow itself

Spring 2023: HIST BC3870

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3870	001/00155	M 10:10am - 12:00pm 308 Diana Center	Jose Moya	4.00	12/15

HIST UN3914 THE FUTURE AS HISTORY. 4.00 points.

This course explores how people have thought about their future and tried to change it. It examines the philosophical aspects of studying history and the future, and how they are related. It begins with the origins of future thinking in eschatology and millenarian movements, the enlightenment challenge to revelation and religious authority, and utopias and dystopias. Classic texts and scholarly studies will illuminate modern approaches to shaping the future, such as socialism, imperialism, risk analysis, and “modernization” theory, and areas where they have had a particular impact, including urban planning and eugenics

Spring 2023: HIST UN3914

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3914	001/11681	T 10:10am - 12:00pm 317 Hamilton Hall	Matthew Connelly	4.00	14/15

HIST GU4231 EASTERN EUROPE'S COLD WAR. 4.00 points.

This seminar explores the Cold Wars impact on Eastern Europe (1940s-1980s) and Eastern Europe's Cold War-era engagements with the wider world. We will address the methodologies used by historians to answer questions like these: What was the Cold War? What did it mean, and for whom? We will also look at the Cold War as something more than a series of events; we will consider its value, uses, and limits as a device for framing the second half of the twentieth century

Spring 2023: HIST GU4231

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4231	001/14625	Th 12:10pm - 2:00pm 302 Fayerweather	Elidor Mehilli	4.00	15/15

HIST GU4455 TRANSNATL MIGRATION/ CITIZENSHIP. 4.00 points.

This course will read both classic and recent scholarship on transnational migration and citizenship as well as theoretical work by historians and social scientists in the U.S. and Europe on the changing conceptual frameworks that are now shaping the field. The course is comparative, with readings in the contexts of empire, colonialism and contemporary refugee and migration issues in the U.S. and Europe. The course will be conducted jointly with a class at Sciences Po in Paris, led by Professor Riva Kastoryano, and will be conducted with a video (zoom) connection that will create one classroom out of two. This is an advanced seminar that is reading and discussion intensive. It will be taught in English. Students at Columbia and Sciences Po will prepare presentations together for the joint

class. Graduate and Undergraduate students at Columbia may apply for the course; undergraduates should be at least in the junior year and have some reading background in the subject. There will be a maximum of 12 students at each location for combined class of 24

Spring 2023: HIST GU4455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4455	001/11693	Th 10:10am - 12:00pm 411 Fayerweather	Mae Ngai	4.00	8/12

HIST GU4512 Property and Power in 20th Century U.S.. 4.00 points.

This seminar examines debates over meanings, value, and enforcement of property rights in the US over the twentieth century. The course begins with a focus on landed property and its management as real estate and natural resources, raising questions about ownership, tenancy, zoning, eminent domain, public trust doctrines, and contests in Indian Country. It then takes up corporate property and debates over shareholder and managers' rights and responsibilities, changing structures of investment, and countervailing claims of workers to the property and value of labor and the means of production. With a brief examination of neo-classical economists' theories and policies of transactional property rights, the course ends with the history of intellectual property rights. Readings include classic theoretical/ideological texts (e.g. MacPherson, Ely, Berle and Means, Coase, Sax, Epstein); social histories, and major legal opinions. Students will write a 20 page research paper using primary sources on a topic of their own interest in this broad field of inquiry

Spring 2023: HIST GU4512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4512	001/11143	T 10:10am - 12:00pm 302 Alfred Lerner Hall	Elizabeth Blackmar	4.00	12/12

HIST GU4588 RACE, DRUGS, AND INEQUALITY. 4.00 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Prerequisites: the instructor's permission. Through a series of secondary- and primary-source readings and research writing assignments, students in this seminar course will explore one of the most politically controversial aspects in the history of public health in the United States as it has affected peoples of color: intoxicating substances. Course readings are primarily historical, but sociologists, anthropologists, and political scientists are also represented on the syllabus. The courses temporal focus - the twentieth century - allows us to explore the historical political and social configurations of opium, alcohol, heroin, cocaine, medical maintenance (methadone), the War on Drugs, the carceral state and hyperpolicing, harm reduction and needle/syringe exchange. This semester's principal focus will be on the origins and evolution of the set

of theories, philosophies, and practices which constitute harm reduction. The International Harm Reduction Association/ Harm Reduction International offers a basic, though not entirely comprehensive, definition of harm reduction in its statement, What is Harm Reduction? (<http://www.ihra.net/what-is-harm-reduction>): Harm reduction refers to policies, programmes and practices that aim to reduce the harms associated with the use of psychoactive drugs in people unable or unwilling to stop. The defining features are the focus on the prevention of harm, rather than on the prevention of drug use itself, and the focus on people who continue to use drugs.[1] Harm reduction in many U.S. communities of color, however, has come to connote a much wider range of activity and challenges to the status quo. In this course we will explore the development of harm reduction in the United States and trace its evolution in the political and economic context race, urban neoliberalism, and no-tolerance drug war. The course will feature site visits to harm reduction organizations in New York City, guest lectures, and research/oral history analysis. This course has been approved for inclusion in both the African-American Studies and History undergraduate curricula (majors and concentrators). HIST W4588 will be open to both undergraduate and masters students. To apply, please complete the Google form at https://docs.google.com/forms/d/1xaPFhQOzk11NHnIjQIen9h41iel2hXAdhV59D5wH8AQ/viewform?usp=send_form. Questions may be directed to skroberts@columbia.edu

Spring 2023: HIST GU4588

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/11203	T 2:10pm - 4:00pm 302 Fayerweather	Samuel Roberts	4.00	10/15

HIST GU4610 JEWS IN ANCIENT MEDITERRANEAN. 4.00 points.

Spring 2023: HIST GU4610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4610	001/11209	M 2:10pm - 4:00pm 302 Fayerweather	Seth Schwartz	4.00	11/15

HIST GU4622 A Global History of Jewish Migration and the State. 4.00 points.

Over the course of the nineteenth and twentieth centuries, millions of Jews uprooted themselves from their places of birth and settled in new homes around the world. This mass migration not only transformed the cultural and demographic centers of world Jewry, but also fundamentally changed the way in which state's organized their immigration regimes. In this course, we shall analyze the historiography in migration studies, state formation and Jewish history to make sense of the different factors shaping Jewish immigrants' experiences in different parts of the world

Spring 2023: HIST GU4622

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 4622	001/14595	Th 12:10pm - 2:00pm 311 Fayerweather	Rebecca Kobrin	4.00	6/15
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HIST GU4723 Politics of Archaeology. 4.00 points.

"Who owns antiquities?" "Who owns culture?" These questions that appear frequently today in both popular and scholarly discourse are deeply embedded in political issues and have a long history, going back to the nineteenth century. The seminar will investigate the origins of the battles over antiquities and their links empire building, colonialism, Orientalism, modernity, power, identity construction, racial hierarchies, and money. The chronological frame is from the 1850s to 1914 and the geographical focus in the Ottoman Middle East, which was the major theater of contestations. We will look closely into two areas: archaeological excavations and museums. If objects were unearthed ("discovered") in the first, they were displayed in the second; the Middle East was crowded with the first, while the major museums were in the West, with the exception of the Museum of Antiquities in Istanbul. We will also consider the vast and complex human landscape around the antiquities. In addition to archaeologists, this community included emperors, sultans, diplomats, spies, artists, inspectors, bureaucrats, technocrats, and workers, hence a cohort of individuals from many nationalities, economic strata, ethnic groups, and religions

Spring 2023: HIST GU4723

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4723	001/11161	M 2:10pm - 4:00pm 311 Fayerweather	Zeynep Celik	4.00	14/15

HIST GU4800 GLOBAL HISTORY OF SCIENCE. 4.00 points.

The course is organized around a series of select conceptual and historical topics and themes. We begin with a discussion of how to define "global history" itself, including the genealogy of this and allied terms, and their value as heuristic categories. We then move on to a series of topics, including: the international politics of infrastructure and of development; curing and caring, the environment and the politics of the body in comparative perspective; and finally, debates over international intellectual property rights and questions of secrecy and transparency in scientific research. Through these examples we aim to investigate the ways in which STM were variously adopted, reconfigured or resisted around the world and how they, in turn, might shape our understanding of the different norms and paradigms in STM studies itself.

Spring 2023: HIST GU4800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4800	001/11176	W 2:10pm - 4:00pm 311 Fayerweather	Marwa Elshakry	4.00	15/15

HIST GU4801 GENDER AND WOMEN IN ISLAM: SOUTH ASIA AN. 4.00 points.

This course will examine various roles that a religion can play in shaping its believers' socio-political and religious

identities on the basis of their natural/social differences i.e. sex and gender. Further, an attempt will be made to search for historical explanations through the lens of class, rural/urban economies and geo-ethnic diversities which have shaped gender relations and women's status in various Muslim countries. The main focus of the course will be on Islam and its role in the articulation of gendered identities, the construction of their socio-religious images, and historical explanation of their roles, rights and status in the regions of South Asia and Middle East since 1900. The central argument of the course is that, for historical understanding of a set of beliefs and practices regarding gender relations and women's status in any religious group, one needs to examine the historical context and socio-economic basis of that particular religion. By using the notion of gender and historical feminist discourses as tools of analysis, this course intends to understand and explain existing perceptions, misperceptions, myths and realities regarding gender relations and Muslim women's situations in the distant and immediate past. This course begins with a historical materialist explanation of the religion of Islam and examines men - women's roles, rights and responsibilities as described in the religious texts, interpretations, traditions and historical sources such as the Quran, Hadith, Sunnah and Sharia. It will further attempt to study these issues by situating them in histories of local and regional diversities (i.e. South Asia, Middle East). A historical perspective will facilitate students' understanding of male and female Muslim scholars' ventures to re/read and re/explain the Islamic texts in modern contexts of South Asia and the Middle East

Spring 2023: HIST GU4801

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4801	001/11254	Th 2:10pm - 4:00pm 301m Fayerweather	Tahira Khan	4.00	15/20

HIST GU4811 Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course offers an understanding of the interdisciplinary field of environmental, health and population history and will discuss historical and policy debates with a cross cutting, comparative relevance: such as the making and subjugation of colonized peoples and natural and disease landscapes under British colonial rule; modernizing states and their interest in development and knowledge and technology building, the movement and migration of populations, and changing place of public health and healing in south Asia. The key aim of the course will be to introduce students to reading and analyzing a range of historical scholarship, and interdisciplinary research on environment, health, medicine and populations in South Asia and to introduce them to an exploration of primary sources for research; and also to probe the challenges posed by archives and sources in these fields. Some of the overarching questions that shape this course are as follows: How have environmental pasts and medical histories been interpreted, debated and what is their contemporary resonance? What have been the

encounters (political, intellectual, legal, social and cultural) between the environment, its changing landscapes and state? How have citizens, indigenous communities, and vernacular healers mediated and shaped these encounters and inserted their claims for sustainability, subsistence or survival? How have these changing landscapes shaped norms about bodies, care and beliefs? The course focuses on South Asia but also urges students to think and make linkages beyond regional geographies in examining interconnected ideas and practices in histories of the environment, medicine and health. Topics will therefore include (and students are invited to add to these perspectives and suggest additional discussion themes): colonial and globalized circuits of medical knowledge, with comparative case studies from Africa and East Asia; and the travel and translation of environmental ideas and of medical practices through growing global networks

Spring 2023: HIST GU4811

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4811	001/16728	M 10:10am - 12:00pm 201a Philosophy Hall	Kavita Sivaramakrishnan	4.00	15/15

HIST GU4962 Making and Knowing in Early Modern Europe: Hands-On History. 4.00 points.

This course introduces undergraduate and graduate students to the materials, techniques, contexts, and meanings of skilled craft and artistic practices in early modern Europe (1350-1750), in order to reflect upon a series of topics, including craft knowledge and artisanal epistemology; the intersections between craft and science; and questions of historical methodology in reconstructing the material world of the past. The course will be run as a "Laboratory Seminar," with discussions of primary and secondary materials, as well as hands-on work in a laboratory. The first semester long course to use the published Edition of Fr. 640 as its focus, it will test the use of the Edition in a higher education classroom to inform the development of the Companion. This course is associated with the Making and Knowing Project of the Center for Science and Society at Columbia University. The first semester-long course to use the published Edition of Fr. 640 as its focus, it will test the use of the Edition in a higher education classroom to inform the development of Phase II of the Making and Knowing Project - a Research and Teaching Companion. Students' final projects (exploratory and experimental work in the form of digital/textual analysis of Ms. Fr. 640, reconstruction insight reports, videos for the Companion, or a combination) will be published as part of the Companion or the Sandbox depending on content and long-term maintenance considerations

Spring 2023: HIST GU4962

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4962	001/11212	T 10:10am - 12:00pm 513 Fayerweather	Pamela Smith	4.00	21/30

SPRING 2023 CROSS-LISTED COURSES

PLEASE READ: The passage below lists **all** sections being offered by a Columbia instructor for a given course, including sections which **do not** count for History students. **NOT ALL** sections of the courses listed below count for History majors and concentrators. Particular sections **only** count towards the History degree if the section instructor is a History faculty member or an affiliate with the History Department. For additional information, please review the "Requirements" tab or consult Undergraduate Administrator at undergraduate-history@columbia.edu (sjm2206@columbia.edu). All courses from the Barnard History Department also count towards the History degree.

ASCE UN1361 INTRO EAST ASIAN CIV: JPN. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: NOTE: Students must register for a discussion section ASCE UN1371

Prerequisites: NOTE: Students must register for a discussion section ASCE UN1371 A survey of important events and individuals, prominent literary and artistic works, and recurring themes in the history of Japan, from prehistory to the 20th century

Fall 2022: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/10648	M W 4:10pm - 5:25pm 310 Fayerweather	Paul Kreitman	4.00	84/90

Spring 2023: ASCE UN1361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 1361	001/10959	M W 11:40am - 12:55pm 402 Chandler	Gregory Pflugfelder	4.00	77/90

HSEA GU4847 MODERN JAPAN. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Not offered during 2022-23 academic year.

This course explores the history of Japan between 1800 and the present, with a particular focus on the 20th century. The course draws upon a combination of primary source materials (political documents, memoirs, oral histories, journalism, fiction, film) and scholarly writings in order to gain insight into the complex and tumultuous process by which Japan became an industrialized society, a modern nation-state, and a world power.

Spring 2023: HSEA GU4847

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4847	001/10978	T 2:10pm - 4:00pm 405 Kent Hall	Paul Kreitman	4.00	13/15

HSEA GU4888 WOMEN & GENDER IN KOREAN. 4 points.

While the rise of women's history and feminist theory in the 1960s and 1970s fostered more general reevaluations of social and cultural history in the West, such progressions have been far more modest in Korean history. To introduce one of the larger challenges in current Korean historiography, this course explores the experiences, consciousness and representations of women Korea at home and abroad from premodern times to the present. Historical studies of women and gender in Korea will be analyzed in conjunction with theories of Western women's history to encourage new methods of rethinking "patriarchy" within the Korean context. By tracing the lives of women from various socio-cultural aspects and examining the multiple interactions between the state, local community, family and individual, women's places in the family and in society, their relationships with one another and men, and the evolution of ideas about gender and sexuality throughout Korea's complicated past will be reexamined through concrete topics with historical specificity and as many primary sources as possible. With understanding dynamics of women's lives in Korean society, this class will build an important bridge to understand the construction of New Women in early twentieth-century Korea, when women from all walks of life had to accommodate their "old-style" predecessors and transform themselves to new women, as well as the lives of contemporary Korean women. This will be very much a reading-and-discussion course. Lectures will review the readings in historical perspective and supplement them. The period to be studied ranges from the pre-modern time up to the turn of twentieth century, with special attention to the early modern period.

HISTORY AND PHILOSOPHY OF SCIENCE

The University offers a number of courses in the history and philosophy of science, although it does not, at this time, offer a major or concentration to undergraduates in Columbia College or General Studies. The course listings bring together a variety of courses from different disciplines, which should be of interest to anyone wishing to pursue work in the history and philosophy of science. The list is not intended to be all inclusive; students interested in the history and philosophy of science should speak to members of the committee.

INTERDEPARTMENTAL COMMITTEE ON HISTORY AND PHILOSOPHY OF SCIENCE

David Albert
Philosophy
706 Philosophy; 212-854-3519

Marwa Elshakry
History
512 Fayerweather; 212-851-5914

Karl Jacoby
History
424 Hamilton; 212-854-3248

Richard John
History
201E Pulitzer; 212-854-0547

Matthew Jones
History
514 Fayerweather; 212-854-2421

Joel Kaye
History
422B Lehman; 212-854-4350

Philip Kitcher
Philosophy
717 Philosophy; 212-854-4884

Eugenia Lean
History
925 International Affairs Building; 212-854-1742

Christia Mercer
Philosophy
707 Philosophy; 212-854-3190

Alondra Nelson
Sociology
607 Knox; 212-851-7081

Samuel Roberts
History/Sociomedical Sciences
322 Fayerweather; 212-854-2430

David Rosner
History/Sociomedical Sciences
420 Fayerweather; 212-854-4272

David Rothman
History/Sociomedical Sciences
622 West 168th Street; 212-305-4096

George Saliba (*emeritus*)
Middle Eastern, South Asian, and African Studies
312 Knox; 212-854-4166

Pamela Smith
History
605 Fayerweather; 212-854-7662

FALL 2022

HIST UN2112 The Scientific Revolution in Western Europe: 1500-1750. 4 points.

Introduction to the cultural, social, and intellectual history of the upheavals of astronomy, anatomy, mathematics, alchemy from the Renaissance to the Enlightenment. *Field(s): EME*

HIST UN2523 HEALTH INEQUALITY: MODERN US. 4.00 points.

Through assigned readings and a group research project, students will gain familiarity with a range of historical and social science problems at the intersection of ethnic/racial/sexual formations, technological networks, and health politics since the turn of the twentieth century. Topics to be examined will include, but will not be limited to, black women's health organization and care; HIV/AIDS politics, policy, and community response; benign neglect; urban renewal and gentrification; medical abuses and the legacy of Tuskegee; tuberculosis control; and environmental justice. There are no required qualifications for enrollment, although students will find the material more accessible if they have had previous coursework experience in United States history, pre-health professional (pre-med, pre-nursing, or pre-public health), African-American Studies, Women and Gender Studies, Ethnic Studies, or American Studies

Fall 2022: HIST UN2523

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 2523	001/10633	M W 10:10am - 11:25am 303 Uris Hall	Samuel Roberts	4.00	48/55

HIST GU4588 RACE, DRUGS, AND INEQUALITY. 4.00 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. Through a series of secondary- and primary-source readings and research writing assignments, students in this seminar course will explore one of the most politically controversial aspects in the history of public health in the United States as it has affected peoples of color: intoxicating substances. Course readings are primarily historical, but sociologists, anthropologists, and political scientists are also represented on the syllabus. The courses temporal focus - the twentieth century - allows us to explore the historical political and social configurations of opium, alcohol, heroin, cocaine, medical maintenance (methadone), the War on Drugs, the carceral state and hyperpolicing, harm reduction and needle/syringe exchange. This semesters principal focus will be on the origins and evolution of the set of theories, philosophies, and practices which constitute harm reduction. The International Harm Reduction Association/ Harm Reduction International offers a basic, though not entirely

614 Schermerhorn Matthew
Hall Jones

comprehensive, definition of harm reduction in its statement, What is Harm Reduction? (<http://www.ihra.net/what-is-harm-reduction>): Harm reduction refers to policies, programmes and practices that aim to reduce the harms associated with the use of psychoactive drugs in people unable or unwilling to stop. The defining features are the focus on the prevention of harm, rather than on the prevention of drug use itself, and the focus on people who continue to use drugs.[1] Harm reduction in many U.S. communities of color, however, has come to connote a much wider range of activity and challenges to the status quo. In this course we will explore the development of harm reduction in the United States and trace its evolution in the political and economic context race, urban neoliberalism, and no-tolerance drug war. The course will feature site visits to harm reduction organizations in New York City, guest lectures, and research/oral history analysis. This course has been approved for inclusion in both the African-American Studies and History undergraduate curricula (majors and concentrators). HIST W4588 will be open to both undergraduate and masters students. To apply, please complete the Google form at https://docs.google.com/forms/d/1xaPFhQOzk11NHnIjQIen9h41iel2hXAdhV59D5wH8AQ/viewform?usp=send_form. Questions may be directed to skroberts@columbia.edu

Spring 2023: HIST GU4588

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/11203	T 2:10pm - 4:00pm 302 Fayerweather	Samuel Roberts	4.00	10/15

SPRING 2023

HSAM UN2901 DATA:PAST, PRESENT AND FUTURE.

3.00 points.

Lect: 1.5. Lab: 1.5.

Data-empowered algorithms are reshaping our professional, personal, and political realities, for good--and for bad. Data: Past, Present, and Future moves from the birth of statistics in the 18th century to the surveillance capitalism of the present day, covering racist eugenics, World War II cryptography, and creepy personalized advertising along the way. Rather than looking at ethics and history as separate from the science and engineering, the course integrates the teaching of algorithms and data manipulation with the political whirlwinds and ethical controversies from which those techniques emerged. We pair the introduction of technical developments with the shifting political and economic powers that encouraged and benefited from new capabilities. We couple primary and secondary readings on the history and ethics of data with computational work done largely with user-friendly Jupyter notebooks in Python

Spring 2023: HSAM UN2901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSAM 2901	001/11863	T Th 10:10am - 11:25am	Chris Wiggins,	3.00	55/70

HIST GU4588 RACE, DRUGS, AND INEQUALITY. 4.00 points.

Priority given to majors and concentrators, seniors, and juniors.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. Through a series of secondary- and primary-source readings and research writing assignments, students in this seminar course will explore one of the most politically controversial aspects in the history of public health in the United States as it has affected peoples of color: intoxicating substances. Course readings are primarily historical, but sociologists, anthropologists, and political scientists are also represented on the syllabus. The courses temporal focus - the twentieth century - allows us to explore the historical political and social configurations of opium, alcohol, heroin, cocaine, medical maintenance (methadone), the War on Drugs, the carceral state and hyperpolicing, harm reduction and needle/syringe exchange. This semesters principal focus will be on the origins and evolution of the set of theories, philosophies, and practices which constitute harm reduction. The International Harm Reduction Association/ Harm Reduction International offers a basic, though not entirely comprehensive, definition of harm reduction in its statement, What is Harm Reduction? (<http://www.ihra.net/what-is-harm-reduction>): Harm reduction refers to policies, programmes and practices that aim to reduce the harms associated with the use of psychoactive drugs in people unable or unwilling to stop. The defining features are the focus on the prevention of harm, rather than on the prevention of drug use itself, and the focus on people who continue to use drugs.[1] Harm reduction in many U.S. communities of color, however, has come to connote a much wider range of activity and challenges to the status quo. In this course we will explore the development of harm reduction in the United States and trace its evolution in the political and economic context race, urban neoliberalism, and no-tolerance drug war. The course will feature site visits to harm reduction organizations in New York City, guest lectures, and research/oral history analysis. This course has been approved for inclusion in both the African-American Studies and History undergraduate curricula (majors and concentrators). HIST W4588 will be open to both undergraduate and masters students. To apply, please complete the Google form at https://docs.google.com/forms/d/1xaPFhQOzk11NHnIjQIen9h41iel2hXAdhV59D5wH8AQ/viewform?usp=send_form. Questions may be directed to skroberts@columbia.edu

Spring 2023: HIST GU4588

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/11203	T 2:10pm - 4:00pm 302 Fayerweather	Samuel Roberts	4.00	10/15

CPLS GU4320 Marginalization in Medicine: A Practical Understanding of the Social Implications of Race . 4 points.

There is a significant correlation between race and health in the United States. People of color and those from underserved populations have higher mortality rates and a greater burden of chronic disease than their white counterparts. Differences in health outcomes have been attributed to biological factors as race has been naturalized. In this class we will explore the history of the idea of “race” in the context of changing biomedical knowledge formations. We will then focus on the impact that social determinants like poverty, structural violence, racism and geography have on health. Ultimately, this course will address the social implications of race on health both within the classroom and beyond. In addition to the seminar, there will also be a significant service component. Students will be expected to volunteer at a community organization for a minimum of 3 hours a week. This volunteer work will open an avenue for students to go beyond the walls of their classrooms while learning from and positively impacting their community.

HIST UN3437 CORP BEHAVIOR # PUBLIC HEALTH. 4.00 points.

Priority given to majors and concentrators, seniors, and juniors.

In the decades since the publication of *Silent Spring* and the rise of the environmental movement, public awareness of the impact of industrial products on human health has grown enormously. There is growing concern over BPA, lead, PCBs, asbestos, and synthetic materials that make up the world around us. This course will focus on environmental history, industrial and labor history as well as on how twentieth century consumer culture shapes popular and professional understanding of disease. Throughout the term the class will trace the historical transformation of the origins of disease through primary sources such as documents gathered in lawsuits, and medical and public health literature. Students will be asked to evaluate historical debates about the causes of modern epidemics of cancer, heart disease, lead poisoning, asbestos-related illnesses and other chronic conditions. They will also consider where responsibility for these new concerns lies, particularly as they have emerged in law suits. Together, we will explore the rise of modern environmental movement in the last 75 years

Spring 2023: HIST UN3437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3437	001/11204	W 8:10am - 10:00am 311 Fayerweather	David Rosner	4.00	13/15

INSM UN3921 Nobility and Civility II. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: one semester of Contemporary Civilization or Literature Humanities, or an equivalent course, and the instructor's permission.

A team-taught multicultural, interdisciplinary course examining traditions of leadership and citizenship as they appear in the key texts of early Indian, Islamic, Far Eastern, and Western civilizations. One goal is to identify and examine common

human values and issues evident in these texts while also recognizing key cultural differences

HIST GU4031 Transforming Texts: Textual Analysis, Literary Modeling, and Visualization . 4 points.

Designed for graduate and advanced undergraduate students in the social sciences, humanities, and computer science, this hybrid course is situated at the crossroads of historical exploration and computer sciences. Students will be exposed to digital literacy tools and computational skills through the lens of the Making and Knowing Project. The edition will draw on collaboration with and research done by the Making and Knowing Project <http://www.makingandknowing.org/> on an anonymous 16th-century French compilation of artistic and technical recipes (BnF Ms. Fr. 640). Students will work from the encoded English translation of the manuscript, prepared by the Spring 2017 course “*HIST GR8975 What is a Book in the 21st Century? Working with Historical Texts in a Digital Environment.*” This course will also utilize the concepts and prototypes developed by computer science students in the Spring 2018 “*COMS W4172: 3D User Interfaces and Augmented Reality (AR)*”. The skills students will learn over the course of the semester are widely applicable to other types of Digital Humanities projects, and indeed, in many fields outside of traditional academic study.

For the final project, students will collaborate to investigate linguistic features of Ms. Fr. 640 using natural language processing and text mining techniques. These projects will shed light on topics of interest within the manuscript and uncover connections within the textual data. By using the tools prototypes in a Spring 2018 *COMS W4172* course, and working alongside computer science students, the groups will learn to adapt and recode data sets, and to view them into a variety of visualizations.

OF RELATED INTEREST**Biological Sciences****Center for the Study of Ethnicity and Race**

CSER W3222	Nature and Power: Environmental History of the US
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Colloquia, Interdepartmental Seminars, and Professional School Offerings

INSM C3940	Science Across Cultures
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History

HIST UN2222	NATURE # POWER: ENV HIST NORTH AMERICA
HSPB UN2950	Social History of U.S. Public Health
HIST UN3437	CORP BEHAVIOR # PUBLIC HEALTH
HIST GU4588	RACE, DRUGS, AND INEQUALITY

History (Barnard)

HIST BC2366	CLIMATE # HISTORY: INTERSECTING SCIENCE, ENVIRONMENT # SOCIETY
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HIST BC2402 Science and Society: From Galileo
to Climate Change

Philosophy

PHIL UN2101 HISTORY OF PHILOSOPHY I

PHIL UN2201 HISTORY OF PHILOSOPHY II

PHIL UN3251

Women's Studies (Barnard)

WMST BC3509 Gender, Knowledge and Science
in Modern European History

HUMAN RIGHTS

Program Office: Institute for the Study of Human Rights; 475
Riverside Drive (Interchurch Center), 3rd floor;

646-745-8577; uhrp@columbia.edu

Departmental Website: <http://humanrightscolumbia.org/education/undergraduate>

Director of Undergraduate Studies: Prof. Andrew Nathan,
931 International Affairs Building; 212-854-6909. Office hours:
TBC.

Human rights are central to contemporary understandings of justice and equality and have crucial bearing on the ability to assess and respond to emerging technological, economic, social, cultural, and political issues.

The Undergraduate Human Rights Program at the Institute for the Study of Human Rights engages students in this dynamic and evolving field and enhances their knowledge, skills, and commitment to human rights. The program offers a major and a concentration in human rights, provides students the opportunity to deepen their knowledge and explore their interests in human rights outside the classroom, and works to strengthen and support the undergraduate human rights community on campus. More information on academic and extracurricular events, opportunities, and resources for undergraduate human rights students is available on the program's website. For an advising appointment, please e-mail [humanrightsed](mailto:humanrightsed@humanrightsed@columbia.edu) (humanrightsed@columbia.edu) (humanrightsed@columbia.edu) (humanrightsed@columbia.edu).

DEPARTMENTAL HONORS

To be eligible for departmental honors, a student must satisfy all the requirements for the major, maintain a 3.6 GPA in the major, maintain an overall GPA of 3.6, and complete a thesis of sufficiently high quality to merit honors. A thesis is required for all students who wish to be considered for honors, but does not guarantee honors. Students who graduate in October, February, or May of a given academic year are eligible for honors consideration in May. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

Students interested in writing a thesis for honors consideration complete a two semester course sequence during their final year of study. In the fall, students take HRTS UN3994 Human Rights Senior Seminar: Research Methods, which introduces students to various research methods and guides them through the proposal development process. In the spring, students take HRTS UN3996 Human Rights Thesis Seminar. This course will consist of group sessions, where students will present their work and participate in discussions, as well as individual meetings with their thesis supervisor, who is also the course instructor.

Students are encouraged to write a thesis, but they should not do so solely to be eligible for honors consideration. Rather, students should consider enrolling in the thesis seminar in order to demonstrate their capacity to produce a work of original research and develop more specialized knowledge of a human rights issue.

GUIDELINES FOR ALL HUMAN RIGHTS MAJORS, CONCENTRATORS, AND SPECIAL CONCENTRATORS

Student should also consult the general academic policies of their school.

Planning Forms

Major and concentration planning forms are available on the ISHR undergraduate program website. Prior to each semester, students should submit an [online course advising form](#). Students may also e-mail uhrp@columbia.edu to set up an advising appointment.

Grades

No course with a grade of D or lower is credited towards the major or concentration.

One course, with the exception of the three core courses required for the major, can be taken for Pass/D/Fail. The student must receive a grade of P for the course to count towards the requirements of the major. All other courses must be taken for a letter grade.

All seminar courses must be taken for a letter grade.

Transfer Credit/Study Abroad Credit

Human rights majors may transfer a maximum of three courses from other institutions. Human rights concentrators may transfer a maximum of two courses from other institutions. This includes study abroad credit. No more than one Advanced Placement course can be counted for the major or concentration. The application of transferred courses to the major or concentration must be approved by the Director of Undergraduate Studies or the undergraduate adviser.

Students wishing to count transfer courses toward the major or concentration should email uhrp@columbia.edu with their Transfer Credit Report, the syllabi of the courses they want to count toward departmental requirements, and a statement of how they want to apply the transfer credits to the requirements.

Double-Counting

Students may double count major or concentration courses toward the fulfillment of degree requirements in accordance with the academic policies of their school.

Normally, courses for one program of study (i.e. major, concentration, special concentration, etc.) may not be used to satisfy the course requirements for another program of study. Students should consult the academic policies of their school for specific information.

MAJOR IN HUMAN RIGHTS

The major in human rights requires 10 courses for a minimum of 31 points as follows. One of the distributional or specialization courses must be a seminar.

Core Courses

HRTS UN3001	INTRODUCTION TO HUMAN RIGHTS
HRTS UN3190	INT'L HUMAN RIGHTS LAW
HRTS UN3995	HUMAN RIGHTS SENIOR SEMINAR

Distributional Requirement *

Students take one course in three of these four categories (three courses), for a minimum of 9 credit points.

Politics and history

Culture and representation

Political theory and philosophy

Social and economic processes

Specialization Requirement **

Students fulfill the specialization requirement by focusing on a particular discipline, taking four courses for a minimum of 12 credit points offered by a single department or institute.

*

Please see the ISHR [undergraduate course list](#) for the current list of courses that fulfill the distributional requirement of the major.

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The goal of the specialization requirement is to equip students with the tools of a specific discipline. Students should inform the human rights program of their intended specialization before taking courses to fulfill this requirement. As a general rule, fields of study listed as [academic programs](#) on the bulletin are approved for the specialization requirement if a free-standing major is offered. Courses approved for that major are generally approved for the human rights specialization. However, language acquisition and studio courses may not be taken to fulfill the specialization requirement. Students are encouraged to take any core and/or methodology courses required by a program when fulfilling their specialization requirement. Students are also encouraged to take courses within their chosen specialization that focus on human rights issues, but the specialization requirement can be fulfilled by taking any four courses within the same discipline. For example, if a student's specialization is Political Science, he or she can fulfill the specialization requirement by taking any four POLS courses.

CONCENTRATION IN HUMAN RIGHTS

The concentration in human rights requires 8 courses for a minimum of 24 points as follows:

HRTS UN3001	INTRODUCTION TO HUMAN RIGHTS
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Seven additional human rights courses, one of which must be a seminar.

Please see the ISHR [undergraduate course list](#) for the current list of courses that fulfill the concentration requirements.

HRTS UN3001 INTRODUCTION TO HUMAN RIGHTS. 3.00 points.

Evolution of the theory and content of human rights; the ideology and impact of human rights movements; national and international human rights law and institutions; their application with attention to universality within states, including the U.S. and internationally

Fall 2022: HRTS UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3001	001/11850	M W 2:40pm - 3:55pm 309 Havemeyer Hall	Andrew Nathan	3.00	141/150

HRTS UN3190 INT'L HUMAN RIGHTS LAW. 3.00 points.

This course will introduce students to the international law of human rights, and give a basic orientation to fundamental issues and controversies. The course has two principal focal points: first, the nuts and bolts of how international law functions in the field of human rights, and second, the value and limitations of legal approaches to a variety of human rights issues. Throughout the course, both theoretical and practical questions will be addressed, including who bears legal duties and who can assert legal claims, how these duties might

be enforced, and accountability and remedy for violations. Attention will be given to how international law is made, what sorts of assumptions underlie various legal mechanisms, and how the law works in a variety of contexts

Fall 2022: HRTS UN3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3190	001/11851	T 6:10pm - 8:00pm 311 Fayerweather	Belinda Cooper	3.00	22/22

Spring 2023: HRTS UN3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3190	001/11740	T 6:10pm - 8:00pm 301 Hamilton Hall	Christian De Vos	3.00	24/22

HRTS UN3994 HUMAN RIGHTS SENIOR SEMINAR RSRCH METHOD. 4.00 points.

This course aims to introduce students to human rights research methods, while providing them with practical research tools. The course will be tailored to students' interests, disciplinary backgrounds and research areas. The specific topics students will research and the methods they will employ will determine the substantive focus of readings. During the course we will ask the following questions: 'what is human rights research?', how do you carry out research in an interdisciplinary field?, what distinguishes academic research from applied research and advocacy? While answering these questions, you will become familiar with the literature on human rights methodologies, and you will engage in analysis and critical assessment of important human rights research literature. In addition, the course gives a practical approach to research methodology. You will learn about a diverse set of methodologies, such as interviewing and focus groups, archival research, ethnographic and participant observation, interviewing focus groups, conducting online research; interpretive and non-empirical methods and basic quantitative methodologies to be employed in the study of human rights. As you learn about different methodological approaches, you will develop your own research project. Scholars and practitioners in the field of human rights research will present their work and engage in discussions with students about their own research, challenges, successes and publication venues. NB: This course is geared towards students who commit to writing a senior thesis. It is part of a two-course sequence: HRTS UN3994 Section 001 Human Rights Senior Seminar: Research Methods in the fall and HRTS UN3996 Human Rights Thesis Seminar in the spring. Students who do not intend to write a thesis should enroll in HRTS UN3995 section 001 Human Rights Senior Seminar, which is a one-semester course taught each semester focused on writing a seminar paper

Fall 2022: HRTS UN3994

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3994	001/11852	T 2:10pm - 4:00pm 302 Alfred Lerner Hall	Tracey Holland	4.00	9/20

HRTS UN3995 HUMAN RIGHTS SENIOR SEMINAR. 4.00 points.

The senior seminar is a capstone course required for the human rights major. The seminar provides students the opportunity to discuss human rights from a variety of disciplinary perspectives and to explore various theoretical approaches and research methodologies. Students undertake individual research projects while collectively examining human rights through directed readings and discussion

Fall 2022: HRTS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3995	001/11853	Th 2:10pm - 4:00pm 501a International Affairs Bldg	Felisa Tibbitts	4.00	15/20

Spring 2023: HRTS UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3995	001/11671	Th 2:10pm - 4:00pm 607 Hamilton Hall	Felisa Tibbitts	4.00	14/20

HRTS UN3996 HUMAN RIGHTS THESIS SEMINAR. 3.00 points.

Priority given to human rights majors/concentrators.

Prerequisites: HRTS UN3995 Human Rights Senior Seminar. Additional information available at: <http://humanrightscolumbia.org/education/undergraduate>
Prerequisites: HRTS UN3994 Human Rights Senior Seminar: Research Methods. Additional information available at: <http://humanrightscolumbia.org/education/undergraduate> This course is designed for human rights students who wish to write a honors-eligible thesis. The course will consist of group sessions, during which time students will present their work and participate in discussions, and individual meetings with the thesis supervisor. The course instructor is the thesis supervisor for each student

Spring 2023: HRTS UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3996	001/11672	W 2:10pm - 4:00pm 522d Kent Hall	Tracey Holland	3.00	9/12

HRTS GU4215 NGOs # THE HUMAN RIGHTS MOVEMENT. 3.00 points.

This class takes a social movement perspective to analyze and understand the international human rights movement. The course will address the evolution of the international human rights movement and focus on the NGOs that drive the movement on the international, regional and domestic levels. Sessions will highlight the experiences of major human rights NGOs and will address topics including strategy development, institutional representation, research methodologies, partnerships, networks, venues of engagement, campaigning, fundraising and, perhaps most importantly, the fraught and complex debates about adaptation to changing global circumstances, starting with the pre-Cold War period and including some of the most up-to-date issues and questions going on in this field today

Fall 2022: HRTS GU4215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4215	001/11855	T 4:10pm - 6:00pm 301m Fayerweather	Louis Bickford	3.00	18/22

HRTS GU4270 SOCIAL MEDIA AND HUMAN RIGHTS. 3.00 points.

PRIORITY:HRSMA. GRAD & UNDERGRAD(3&4YR) ON 1ST DAY OF TERM

This course examines how changes in information and communications technology have, over the past two decades, fundamentally transformed the practices of civil society actors engaged with human rights issues. New communications tools such as Twitter, blogs, and Facebook have changed the ways that organizations communicate with their followers and seek to influence public debate. The increasing accessibility of analytic tools for researching and visualizing changing patterns of human rights abuse has empowered groups to better understand and respond more forcefully to these issues. Indeed, the use of social media as a communications tool has made it a data source for those monitoring and analyzing patterns of activity, in ways that draw increasingly on the techniques of big data analysis

Spring 2023: HRTS GU4270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4270	001/12091	M 6:10pm - 8:00pm 507 Philosophy Hall	Ted Perlmutter	3.00	17/22

HRTS GU4400 SEXUAL ORIENT,GENDR ID,HUM RTS. 3.00 points.

PRIORITY:HRSMA. GRAD & UNDERGRAD (3&4YR) ON 1ST DAY OF TERM

Debates over the rights of lesbian, gay, bisexual and transgender people have never been more visible in the international arena. Advocates are beginning to have some success in putting sexual orientation and gender identity on the agenda for inclusion in human rights instruments. But in many local and regional contexts, state-sanctioned homophobia is on the rise, from the official anti-gay stance of Russia featured during the Sochi Winter Games to the passage of Mississippi's anti-gay bill and Uganda's anti-homosexuality act. This course examines these trends in relation to strategies pursued by grassroots activists and NGOs and the legal issues they raise, including marriage and family rights, discrimination, violence, torture, sex classification, and asylum. We will also focus on current debates about the relation between sexual rights and gender justice, tensions between universalist constructions of gay/trans identity and local formations of sexual and gender non-conformity, and legacies of colonialism

Fall 2022: HRTS GU4400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4400	001/11896	W 6:10pm - 8:00pm 507 Philosophy Hall	Paisley Currah	3.00	17/22

HRTS GU4500 SOCIO-ECONOMIC RIGHTS. 3.00 points.

The course addresses selected issues in the protection of socio-economic rights in an international and comparative perspective. Socio-economic rights have emerged from the margins into the mainstream of human rights. The course will take this status as its starting point and examine the human rights to housing, food, water, health and sanitation in depth. We will explore conceptual issues through the lens of specific rights which will help us ground these principles and ideas in concrete cases. We will discuss developments on socioeconomic rights and examine their relevance in the United States as well as selected other countries, particularly those with progressive legislation, policies and jurisprudence. What is the meaning and scope of the rights to housing, food, water, health and sanitation? What is the impact of discrimination and inequalities on the enjoyment of socio-economic rights? How can governments be held accountable for the realization of human rights? What machinery is there at the international level to ensure that the rights are protected, respected and fulfilled? How can this machinery be enhanced? How can judicial, quasijudicial, administrative and political mechanisms be used at the domestic level? What is the role of different actors in the context of human rights, the role of States and individuals, but also (powerful) non-State actors and civil society? How have activists and policymakers responded to challenges? And what lies ahead for the human rights movement in addressing economic and social rights in a multilateral, globalized world?

Fall 2022: HRTS GU4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4500	001/11857	T 12:10pm - 2:00pm 522c Kent Hall	Jacqueline Dugard	3.00	16/22

HRTS GU4600 HUMAN RIGHTS IN ANTHROPOCENE. 3.00 points.

In August 2016, a working group of the International Geological Congress voted to acknowledge a new geological epoch, following 11,700 years of the Holocene, and that it would be called The Anthropocene. The announcement indicated a new era in the earth's chronology marked by the consequences of human activity on the planet's ecosystems. Closely related to discussions of sustainability, investigations into the Anthropocene tend to focus on environmental and ecological issues while ignoring its social justice dimensions. This course will investigate how Human Rights has and will be impacted by the Anthropocene, with special attention paid to the human dimensions and consequences of anthropogenic change. Do new and troubling revelations about anthropogenic mistreatment of the earth and its resources modify or amplify the kinds of responsibilities that govern activity between individuals and communities? How do we scale the human response from the urban, to the periurban, to the rural? How must the study of Human Rights evolve to address violence and mistreatment associated not just among humans but also amid human habitats? What sorts of juridical changes must occur to recognize and respond to new manifestations of social injustice that relate directly to consequences of anthropogenic

changes to the Earth system? Topics will include discussions of the Environmental Justice movement, agribusiness, access to (and allocation of) natural resources, population growth; its global impact, advocacy for stronger and more accountability through environmental legal change, biodiversity in urban environments, and the growing category of environmental refugees

Spring 2023: HRTS GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4600	001/11673	Th 10:10am - 12:00pm 311 Fayerweather	Noah Chasin	3.00	13/22

HRTS GU4650 CHILDREN'S RIGHTS ADVOCACY. 3.00 points.

This course is designed to introduce contemporary children's rights issues and help students develop practical advocacy skills to protect and promote the rights of children. Students will explore case studies of advocacy campaigns addressing issues including juvenile justice, child labor, child marriage, the use of child soldiers, corporal punishment, migration and child refugees, female genital mutilation, and LGBT issues affecting children. Over the course of the semester, students will become familiar with international children's rights standards, as well as a variety of advocacy strategies and avenues, including use of the media, litigation, and advocacy with UN, legislative bodies, and the private sector. Written assignments will focus on practical advocacy tools, including advocacy letters, op-eds, submissions to UN mechanisms or treaty bodies, and the development of an overarching advocacy strategy, including the identification of goals and objectives, and appropriate advocacy targets and tactics

Fall 2022: HRTS GU4650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4650	001/11858	F 2:10pm - 4:00pm 301 Hamilton Hall	Michael Bochenek, Jo Becker	3.00	18/22

HRTS GU4915 HUMAN RIGHTS # URBAN PUB SPACE. 3.00 points.

Priority for 3rd & 4th yr CC/GS HUMR studs & to HRSMA studs

The course will explore the often-contested terrain of urban contexts, looking at cities from architectural, sociological, historical, and political positions. What do rights have to do with the city? Can the ancient idea of a right to the city tell us something fundamental about both rights and cities? Our notion of citizenship is based in the understanding of a city as a community, and yet today why do millions of people live in cities without citizenship? The course will be organized thematically in order to discuss such issues as the consequences of cities developments in relation to their peripheries beginning with the normative idea of urban boundaries deriving from fortifying walls, debates around the public sphere, nomadic architecture and urbanism, informal settlements such as slums and shantytowns, surveillance and control in urban centers,

refugees and the places they live, catastrophes natural and man-made and reconstruction, and sovereign areas within cities the United Nations, War Crimes Tribunals. At the heart of our inquiry will be an investigation of the ways in which rights within urban contexts are either granted or withheld

Fall 2022: HRTS GU4915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4915	001/11869	T 10:10am - 12:00pm 313 Hamilton Hall	Noah Chasin	3.00	20/22

HRTS GU4930 INT'L HUMANITARIAN LAW/HUM RGTS. 4.00 points.

This seminar will cover various issues, debates, and concepts in the international law of armed conflict (known as international humanitarian law), particularly as it relates to the protection of non-combatants (civilians and prisoners of war). In doing so, we will examine how international humanitarian law and human rights law intersect. Both sets of legal norms are designed to protect the lives, well-being, and dignity of individuals. However, the condition of armed conflict provides a much wider set of options for governments and individuals to engage in violent, deadly action against others, including killing, forcibly detaining, and destroying the property of those designated as combatants. At the same time, the means of waging war are not unlimited, but rather are tightly regulated by both treaty and customary law. This course will examine how these regulations operate in theory and practice, focusing on the principles of distinction, proportionality, and military necessity

Spring 2023: HRTS GU4930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4930	001/11677	W 10:10am - 12:00pm 467 Ext Schermerhorn Hall	Bruce Cronin	4.00	16/22

HRTS GU4950 HUMAN RIGHTS # HUMAN WRONGS. 3.00 points.

MAIL INSTR FOR PERM.PRIORITY:3&4YR HUMAN RIGHT & HRSMA

Prerequisites: the instructor's permission. Please e-mail the instructor at bc14@columbia.edu.

Prerequisites: the instructors permission. Please e-mail the instructor at bc14@columbia.edu. This course will examine the tension between two contradictory trends in world politics. On the one hand, we have emerged from a century that has seen some of the most brutal practices ever perpetrated by states against their populations in the form of genocide, systematic torture, mass murder and ethnic cleansing. Many of these abuses occurred after the Holocaust, even though the mantra never again was viewed by many as a pledge never to allow a repeat of these practices. Events in the new century suggest that these trends will not end anytime soon. At the same time, since the middle of the twentieth century, for the first time in human history there has been a growing global consensus that all individuals are entitled to at least some level of protection

from abuse by their governments. This concept of human rights has been institutionalized through international law, diplomacy, international discourse, transnational activism, and the foreign policies of many states. Over the past two decades, international organizations, non-governmental organizations, and international tribunals have gone further than any institutions in human history to try to stem state abuses. This seminar will try to make sense of these contradictions

Fall 2022: HRTS GU4950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4950	001/11872	W 10:10am - 12:00pm 407 Hamilton Hall	Bruce Cronin	3.00	13/22

HRTS GU4965 Gender-Based Violence # Human Rights. 3.00 points.

The term 'gendercide' highlights a range of distinct and specific forms of violence executed against human beings based on their own gender self-identification as well as patriarchal assumptions about their gender. In this course, we will examine research discerning, movements challenging, and the adjudication, and/or lack thereof, of Gender Based Violence (GBV) in several major categories traversing spatial, temporal, and ideological contexts, including: reproductive rights and health; trafficking and migration; and disaster and pandemics. It is critical to: interrogate the ideologies that drive and sustain GBV; examine in detail the harm it presents to human beings; explore what can be done to protect the security of those experiencing GBV; and to think about measures of prevention to guard additional human beings from experiencing it. The heart of the course will involve an intersectional analysis of specific case studies; highlighting the GBV associated with each case; examining the impact of GBV on human rights; and how GBV has been addressed in society. The close study of each case will assist students in illuminating intricacies, complexities, and challenges to human security in specific contexts

Fall 2022: HRTS GU4965

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4965	001/12188	W 12:10pm - 2:00pm 302 Fayerweather	Julie Rajan	3.00	22/22

OF RELATED INTEREST

Please see the ISHR undergraduate [course list](#) for additional courses approved for the human rights major and concentration.

ITALIAN

Departmental Office: 502 Hamilton; 212-854-2308
<http://italian.columbia.edu/>

Director of Undergraduate Studies: Assoc. Prof.
Pier Mattia Tommasino, 513 Hamilton; 212-854-0747;
pmt2114@columbia.edu

A major in Italian offers students the opportunity to study Italian literature and culture in an intimate, seminar setting with the close supervision of the department's faculty. In addition, the prerequisite and corequisite sequence of language courses is designed to give students a command of written and spoken Italian.

Majors must complete 30 points and concentrators must complete 24 points. All majors and concentrators are required to take two semesters of Advanced Italian (ITAL UN3335 ADVANCED ITALIAN I-ITAL UN3336 ADVANCED ITALIAN II, ITAL UN3337 ITALIAN THROUGH CINEMA, ITAL UN3338 Italiana. Introduction to Italian Culture, the High, the Low, and the In-between, ITAL UN3339 Learning Italian in Class and Online: A Telecollaboration with Italy. ITAL UN3645 Grand Tour in Italy, ITAL UN3341 Art Itineraries: Italian through Art, ITAL UN3342 Business Italian and the Made in Italy Excellence: Learning Italian for trade and industry, or ITAL UN3232 ITALY:EMIGRATION-IMMIGRATION) as well as one of the following two sequences:

- *Introduction to Italian Literature I and II* (ITAL UN3333-ITAL UN3334) provides an overview of major authors and works in the Italian literary tradition from the Middle Ages to the present;
- *Italian Cultural Studies I and II* (ITAL GU4502-ITAL GU4503) is an interdisciplinary investigation into Italian culture and society from national unification in 1860 to the present.

In consultation with the director of undergraduate studies, majors select six additional courses (concentrators select four additional courses) from the department's 3000- or 4000-level offerings or from other humanities and social science departments with a focus on Italian culture. Students who have taken courses in Italian Literature, Italian History, and/or Italian Culture while abroad should consult with the Director of Undergraduate Studies to determine if the courses may be applicable to the major.

Highly motivated students have the opportunity to pursue a senior thesis under the guidance of a faculty adviser in an area of Italian literature or culture of their choosing. The senior thesis tutorial, ITAL UN3993 SENIOR THESIS/TUTORIAL, will count for 3 points.

Departmental courses taught entirely in English do not have linguistic prerequisites and students from other departments who have interests related to Italian culture are especially welcome to enroll.

Italian language instruction employs a communicative approach that integrates speaking, reading, writing, and listening. Courses make use of materials that help students to learn languages not just as abstract systems of grammar and vocabulary but as living cultures with specific content. Across the levels from elementary to advanced, a wide range of literary, cultural

and multimedia materials, including books, film, and opera, supplement the primary course text.

The sequence in elementary and intermediate Italian enables students to fulfill the College's foreign language requirement and thoroughly prepares them for advanced study of language and for literature courses taught in Italian. Specialized language courses allow students to develop their conversational skills.

For highly motivated students, the department offers intensive elementary and intensive intermediate Italian, both of which cover a full year of instruction in one semester. Courses in advanced Italian, although part of the requirements for a major or a concentration in Italian, are open to any qualified student whose main goal is to improve and perfect their competence in the language.

Outside the classroom, the Department of Italian organizes a weekly *Caffè e conversazione* where students at all levels can converse with fellow students and faculty members over Italian espresso and cookies. Students can also attend the *Serata al cinema*, Italian film viewings scheduled in the evening throughout the academic year, in which faculty and graduate students introduce each film and then conclude with a question and answer session. In addition, the student-run *Società Italiana* (culasocieta@gmail.com) organizes events such as pasta-making workshops, movie nights, and costume parties.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP Italian Language exam, which satisfies the foreign language requirement. Credit is awarded upon successful completion of a 3000-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in Italian. Courses taught in English may not be used for language AP credit. The department grants 0 credits for a score of 4 on the AP Italian Language exam, but the foreign language requirement is satisfied.

CASA ITALIANA

A wide range of cultural programs are sponsored by the Italian Academy for Advanced Studies in America, located in Casa Italiana. These programs, which include the activities of the *Columbia Seminar on Modern Italian Studies* and the *Italian Academy Film Festival*, enrich the learning experience of the student and offer opportunities to meet distinguished Italian and Italian-American visitors to the University. The Paterno book collection is housed in Butler Library and contains valuable resources on Italian literature and culture.

For inquiries into the department and its undergraduate and graduate degrees offered, please contact 212-854-2308 or italian@columbia.edu.

LANGUAGE RESOURCE CENTER

The Language Resource Center (LRC) provides resources for intensive practice in pronunciation, diction, and aural

comprehension of some twenty-five modern languages. LRC exercises are closely coordinated with the classroom's work.

Coordinated tape programs and on-line audio are available and mandatory for students registered in elementary and intermediate Italian language courses. Taped exercises in pronunciation and intonation, as well as tapes of selected literary works, are also available to all students in Italian courses.

ELECTRONIC CLASSROOMS

Language instruction courses meet at least once a week in a multimedia-equipped electronic classroom in order to facilitate exposure to Italian arts such as music, opera, and film, and for other pedagogical uses.

DEPARTMENTAL HONORS

Majors in Italian literature or Italian cultural studies who wish to be considered for departmental honors in Italian must: (1) have at least a 3.6 GPA in their courses for the major; and (2) complete a senior thesis or tutorial and receive a grade of at least A- within the context of the course ITAL UN3993 SENIOR THESIS/TUTORIAL. Normally no more than one graduating senior receives departmental honors in a given academic year.

PROFESSORS

Teodolinda Barolini, Director of Graduate Studies (DGS)
Jo Ann Cavallo, Chair (*on leave AY '23*)
Elizabeth Leake, Acting Chair

ASSOCIATE PROFESSOR

Nelson Moe (Barnard)
Pier Mattia Tommasino, Director of Undergraduate Studies (DUS)

ASSISTANT PROFESSOR

Konstantina Zanou (*on leave AY '23*)

SENIOR LECTURERS

Felice Italo Beneduce, Intermediate DLP
Federica Franze
Maria Luisa Gozzi
Patrizia Palumbo
Carol Rounds (Hungarian)
Alessandra Saggin, Elementary DLP
Barbara Spinelli

GUIDELINES FOR ALL ITALIAN MAJORS AND CONCENTRATORS

The courses in the Department of Italian are designed to develop the student's proficiency in all the language skills and to present the literary and cultural traditions of Italy. The program of study is to be planned as early as possible with the director of undergraduate studies. Students are advised to meet

with the director of undergraduate studies each semester in order to obtain program approval.

For students with no knowledge of Italian, the required language course sequence is:

ITAL UN1101	ELEMENTARY ITALIAN
- ITAL UN1102	I,Elementary Italian I and ELEMENTARY ITALIAN II,Elementary Italian II

ITAL UN2101	INTERMEDIATE ITALIAN I
- ITAL UN2102	and INTERMEDIATE ITALIAN II

For students planning to enroll in Intensive Italian courses, a minimum of three semesters of Italian language instruction is required, such as:

ITAL UN1121	INTENSIVE ELEMENTARY
- ITAL UN2101	ITALIAN
- ITAL UN2102	and INTERMEDIATE ITALIAN I and INTERMEDIATE ITALIAN II

ITAL UN1101	ELEMENTARY ITALIAN
- ITAL UN1102	I,Elementary Italian I and ELEMENTARY ITALIAN II,Elementary Italian II and INTENSIVE INTERMEDIATE ITALIAN
- ITAL UN2121	

ITAL UN1121	INTENSIVE ELEMENTARY
- ITAL UN2121	ITALIAN and INTENSIVE INTERMEDIATE ITALIAN

And one of the following courses:

ITAL UN3335	ADVANCED ITALIAN I
ITAL UN3336	ADVANCED ITALIAN II
ITAL UN3337	ITALIAN THROUGH CINEMA
ITAL UN3338	Italiana. Introduction to Italian Culture, the High, the Low, and the In-between
ITAL UN3339	Learning Italian in Class and Online: A Telecollaboration with Italy.
ITAL UN3341	Art Itineraries: Italian through Art
ITAL UN3342	Business Italian and the Made in Italy Excellence: Learning Italian for trade and industry
ITAL UN3645	Grand Tour in Italy
ITAL UN3232	ITALY:EMIGRATION- IMMIGRATION

Italian language proficiency equivalent to the elementary and intermediate sequence may be demonstrated by the departmental placement test, offered before the start of every semester; with a score of 4 or 5 on the Advanced Placement Examination; or with a score of 780 or higher on the SAT II Subject Test in Italian.

As noted above, courses given entirely in English do not have linguistic prerequisites; students planning a major in Italian may enroll in such courses before completing the language prerequisite for the major or concentration.

MAJOR IN ITALIAN

Please read *Guidelines for all Italian Majors and Concentrators* above.

Requirements

The major in Italian literature requires a minimum of 30 points in Italian courses numbered above the intermediate level, i.e., above ITAL UN2121, to include the following:

Two semesters of Advanced Italian

ITAL UN3335	ADVANCED ITALIAN I
- ITAL UN3336	and ADVANCED ITALIAN II
or ITAL UN3337	ITALIAN THROUGH CINEMA
or ITAL UN3338	Italiana. Introduction to Italian Culture, the High, the Low, and the In-between
or ITAL UN3339	Learning Italian in Class and Online: A Telecollaboration with Italy.
or ITAL UN3341	Art Itineraries: Italian through Art
or ITAL UN3342	Business Italian and the Made in Italy Excellence: Learning Italian for trade and industry
or ITAL UN3232	ITALY:EMIGRATION-IMMIGRATION
or ITAL UN3645	Grand Tour in Italy

Two semesters of Italian Literature

ITAL UN3333	INTRO TO ITALIAN
- ITAL UN3334	LITERATURE I and INTRO TO ITALIAN LITERATURE II

- OR -

Two Semesters of Italian Culture

ITAL GU4502	ITALIAN CULTURAL STUDIES
- ITAL GU4503	I and ITL CULTRL ST II:WWI- PRESENT

Additional Courses

Select at least two other courses from the department's GU4000-level courses.

In consultation with the director of undergraduate studies, the remaining courses may be selected from the department's 3000- or 4000-level offerings or from other humanities and social science departments with a focus on Italian literature or culture.

ITAL UN3993	SENIOR THESIS/TUTORIAL (or another course in Italian literature or culture)
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Native speakers and students with superior proficiency (as demonstrated by a departmental exam) may replace the Advanced Italian sequence with six points of Italian literature courses of their choice.

Period Distribution

At least two courses that cover material before 1700 and two courses that cover material after 1700.

CONCENTRATION IN ITALIAN

Please read *Guidelines for all Italian Majors and Concentrators* above.

Requirements

The concentration in Italian literature requires a minimum of 24 points in Italian courses numbered above the intermediate level, i.e., above ITAL UN2121, to include the following:

Two semesters of Advanced Italian

ITAL UN3335	ADVANCED ITALIAN I
- ITAL UN3336	and ADVANCED ITALIAN II
or ITAL UN3337	ITALIAN THROUGH CINEMA
or ITAL UN3338	Italiana. Introduction to Italian Culture, the High, the Low, and the In-between
or ITAL UN3339	Learning Italian in Class and Online: A Telecollaboration with Italy.
or ITAL UN3341	Art Itineraries: Italian through Art
or ITAL UN3342	Business Italian and the Made in Italy Excellence: Learning Italian for trade and industry
or ITAL UN3232	ITALY:EMIGRATION-IMMIGRATION
or ITAL UN3645	Grand Tour in Italy

Two semesters of Italian Literature

ITAL UN3333	INTRO TO ITALIAN
- ITAL UN3334	LITERATURE I
	and INTRO TO ITALIAN
	LITERATURE II

- OR -

Two Semesters of Italian Culture

ITAL GU4502	ITALIAN CULTURAL STUDIES
- ITAL GU4503	I
	and ITL CULTRL ST II:WWI-
	PRESENT

Additional Courses

Select at least two other courses from the department's GU4000-level courses.

In consultation with the director of undergraduate studies, the remaining courses may be selected from the department's 3000- or 4000-level offerings or from other humanities and social science departments with a focus on Italian literature or culture.

ITALIAN COURSES

ITAL UN1101 ELEMENTARY ITALIAN I,Elementary Italian I. 4.00,4 points.

Limited enrollment.

Elementary level of Italian. ,

Same course as ITAL V1101-V1102.

Fall 2022: ITAL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/12029	M T W Th 9:10am - 10:00am 507 Hamilton Hall	Maria Teresa De Luca	4	12/16
ITAL 1101	002/12030	T Th 4:10pm - 6:00pm 406 Hamilton Hall	Maria Luisa Gozzi	4	5/16
ITAL 1101	003/12031	M T W Th 11:10am - 12:00pm 507 Hamilton Hall	Maria Teresa De Luca	4	11/16
ITAL 1101	004/12032	T Th 2:10pm - 4:00pm 509 Hamilton Hall		4	16/16
ITAL 1101	005/12034	M W Th 10:10am - 11:25am 602 Lewisohn Hall	Alessandra Saggin	4	19/23
ITAL 1101	006/12035	M W 2:10pm - 4:00pm 509 Hamilton Hall	Christina Lopez	4	15/16
ITAL 1101	007/12036	M W 4:10pm - 6:00pm 509 Hamilton Hall	Christina Lopez	4	14/16

Spring 2023: ITAL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/13306	M W F 10:10am - 11:25am 511 Hamilton Hall	Nassime Chida	4	16/16
ITAL 1101	002/13310	M W 4:10pm - 6:00pm 507 Hamilton Hall	Nassime Chida	4	15/16
ITAL 1101	003/13301	M W Th 1:10pm - 2:25pm 328 Uris Hall	Alessandra Saggin	4	11/16

ITAL UN1102 ELEMENTARY ITALIAN II,Elementary Italian II. 4.00,4 points.

Limited enrollment.

Prerequisites: *ITAL UN1101* or the equivalent.,*ITAL V1101* or the equivalent.

Prerequisites: ITAL V1101 or the equivalent. Introduction to Italian grammar, with emphasis on reading, writing, listening and speaking skills. ,

Introduction to Italian grammar, with emphasis on reading, writing, listening and speaking skills.

Fall 2022: ITAL UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1102	001/12037	M W F 10:10am - 11:25am 511 Hamilton Hall	Nassime Chida	4	9/16
ITAL 1102	002/12038	T Th F 11:40am - 12:55pm 509 Hamilton Hall	Maria Luisa Gozzi	4	10/16
ITAL 1102	003/12039	M W F 1:10pm - 2:25pm 327 Uris Hall	Claudia Antonini	4	13/16

Spring 2023: ITAL UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1102	001/13314	M T W Th 9:10am - 10:00am 509 Hamilton Hall	Maria Teresa De Luca	4	14/16
ITAL 1102	002/13316	M W 2:10pm - 4:00pm 507 Hamilton Hall	Nassime Chida	4	4/16
ITAL 1102	004/13321	T Th 2:10pm - 4:00pm 509 Hamilton Hall	Christina Lopez	4	19/20
ITAL 1102	005/13302	M W Th 10:10am - 11:25am 315 Hamilton Hall	Alessandra Saggini	4	15/16
ITAL 1102	006/13322	M W 2:10pm - 4:00pm 509 Hamilton Hall	Christina Lopez	4	12/16
ITAL 1102	007/13323	M W 4:10pm - 6:00pm 509 Hamilton Hall	Christina Lopez	4	10/16

ITAL UN1121 INTENSIVE ELEMENTARY ITALIAN. 6.00 points.

Limited enrollment.

An intensive course that covers two semesters of elementary Italian in one, and prepares students to move into Intermediate Italian. Students will develop their Italian communicative competence through listening, (interactive) speaking, reading and (interactive) writing. The Italian language will be used for real-world purposes and in meaningful contexts to promote intercultural understanding. This course is especially recommended for students who already know another Romance language. May be used toward fulfillment of the language requirement

Fall 2022: ITAL UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1121	001/12008	T Th F 12:10pm - 2:00pm 315 Hamilton Hall	Barbara Spinelli	6.00	11/16

Spring 2023: ITAL UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1121	001/13215	T Th F 12:10pm - 2:00pm 509 Hamilton Hall	Barbara Spinelli	6.00	9/16

ITAL UN2101 INTERMEDIATE ITALIAN I. 4.00 points.

Limited enrollment.

Prerequisites: *ITAL UN1102* or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.

Prerequisites: ITAL V1102 or W1102, or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester

Fall 2022: ITAL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 2101	001/12016	M W Th 8:40am - 9:55am 509 Hamilton Hall	Felice Beneduce	4.00	15/16
ITAL 2101	002/12018	T Th 12:10pm - 2:00pm 507 Hamilton Hall	Patrizia Palumbo	4.00	11/16
ITAL 2101	003/12021	T Th 4:10pm - 6:00pm 507 Hamilton Hall	Patrizia Palumbo	4.00	8/16
ITAL 2101	004/12040	M W F 1:10pm - 2:25pm 308a Lewisohn Hall	Jilian Pizzi	4.00	4/16
ITAL 2101	005/12042	M W 2:10pm - 4:00pm 507 Hamilton Hall	Nassime Chida	4.00	2/16
ITAL 2101	006/12043	M W 4:10pm - 6:00pm 507 Hamilton Hall	Nassime Chida	4.00	5/16

Spring 2023: ITAL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2101	001/13276	T Th 10:10am - 12:00pm 511 Hamilton Hall	Federica Franze	4.00	9/16
ITAL 2101	002/13282	T Th 12:10pm - 2:00pm 511 Hamilton Hall	Federica Franze	4.00	10/16

ITAL UN2102 INTERMEDIATE ITALIAN II. 4.00 points.

Limited enrollment.

Prerequisites: *ITAL UN1201* or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.

Prerequisites: ITAL V1201 or W1201, or the equivalent. If you did not take Elementary Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester. A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material. Lab: hours to be arranged. ITAL V1202 fulfills the basic foreign language requirement and prepares students for advanced study in Italian language and literature

Fall 2022: ITAL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2102	001/12022	T Th 10:10am - 12:00pm 511 Hamilton Hall	Federica Franze	4.00	7/16
ITAL 2102	002/12023	T Th 12:10pm - 2:00pm 511 Hamilton Hall	Federica Franze	4.00	10/16

Spring 2023: ITAL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2102	001/13267	M W Th 8:40am - 9:55am 507 Hamilton Hall	Felice Beneduce	4.00	7/16
ITAL 2102	002/13270	T Th 12:10pm - 2:00pm 413 Hamilton Hall	Patrizia Palumbo	4.00	12/16
ITAL 2102	003/13273	T Th 4:10pm - 6:00pm	Patrizia Palumbo	4.00	8/16

ITAL 2102 004/13325	507 Hamilton Hall				
	M W F 1:10pm - 2:25pm	Charles East	4.00	10/16	
	511 Hamilton Hall				

ITAL UN2121 INTENSIVE INTERMEDIATE ITALIAN.

6.00 points.

Limited enrollment.

Prerequisites: ITAL UN1102 or the equivalent, with a grade of B+ or higher.

Prerequisites: ITAL UN1102 or the equivalent, with a grade of B or higher. An intensive course that covers two semesters of intermediate Italian in one, and prepares students for advanced language and literature study. Grammar, reading, writing, and conversation. Exploration of literary and cultural materials. This course may be used to fulfill the language requirement

Spring 2023: ITAL UN2121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 2121	001/13166	T Th F 12:10pm - 2:00pm 401 Hamilton Hall	Maria Luisa Gozzi	6.00	12/18

ITAL UN2221 Intermediate Conversation. 2 points.

Prerequisites: *ITAL W1112* or sufficient fluency to satisfy the instructor.

Corequisites: Recommended: *ITAL V1201-V/W1202* or *ITAL W1201-W1202*.

Conversation courses may not be used to satisfy the language requirement or fulfill major or concentration requirements.

Intensive practice in the spoken language, assigned topics for class discussions, and oral reports.

ITAL UN1222 INTERMEDIATE CONVERSTN ITAL II. 2.00 points.

Prerequisites: *ITAL W1221* or sufficient fluency to satisfy the instructor.

Corequisites: Recommended: *ITAL V1201-V/W1202* or *ITAL W1201-W1202*.

Prerequisites: ITAL W1221 or sufficient fluency to satisfy the instructor. Corequisites: Recommended: ITAL V1201-V/W1202 or ITAL W1201-W1202. Conversation courses may not be used to satisfy the language requirement or fulfill major or concentration requirements. Intensive practice in the spoken language, assigned topics for class discussions, and oral reports

Spring 2023: ITAL UN1222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1222	001/13210	T Th 10:10am - 11:25am 507 Hamilton Hall	Barbara Spinelli	2.00	7/18

ITAL UN3311 Advanced Conversation. 2 points.

Prerequisites: *ITAL UN2222* or sufficient fluency to satisfy the instructor.

Corequisites: Recommended: *ITAL V3335x-V3336y*.

Conversation courses may not be used to satisfy the language requirement or fulfill major or concentration requirements.

Practice in the spoken language through assigned topics on contemporary Italian culture.

ITAL UN1312 ADVANCED CONVERSATION ITALIAN. 2.00 points.

Prerequisites: ITAL UN2102 or sufficient fluency to satisfy the instructor.

Prerequisites: ITAL UN2102 or sufficient fluency to satisfy the instructor. Conversation courses may not be used to satisfy the language requirement or fulfill major or concentration requirements. This course is designed for students who have attended four semesters of Italian language, mastered the grammatical structure of the language and are ready to expand and enlarge their language skills. A particular emphasis will be put on oral production, on listening and on reading; in class and at home the students will analyze various kinds of text and genres. In-class time is dedicated to speaking and practicing Italian through a combination of group-based and individual activities, focusing on a wide range of contemporary cultural themes through the use of varied materials such as newspaper articles, advertising material and short film clips. We will focus also on grammatical structures, language functions and activities to expand the vocabulary

Spring 2023: ITAL UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1312	001/13187	T Th 6:10pm - 7:25pm 509 Hamilton Hall	Maria Luisa Gozzi	2.00	10/18

ITAL UN3333 INTRO TO ITALIAN LITERATURE I. 3.00 points.

Prerequisites: Intermediate Italian II *ITAL UN2102* or the equivalent.

Prerequisites: Intermediate Italian II ITAL UN2102 or the equivalent. UN3334x-UN3333y is the basic course in Italian literature. UN3333: This course, entirely taught in Italian, introduces you to Medieval and early modern Italian literature. It will give you the opportunity to test your ability as a close-reader and discover unusual and fascinating texts that tell us about the polycentric richness of the Italian peninsula. We will read poems, tales, letters, fiction and non-fiction, travel writings and political pamphlets. The great "Three Crowns" - Dante, Petrarca and Boccaccio - as well as renowned Renaissance authors such as Ludovico Ariosto and Niccolò Machiavelli, will show us the main path to discover Italian masterpieces and understand the European Renaissance. But we will also explore China with Marco Polo and the secrets of the Medieval soul diving into the mystical poems by Jacopone da Todi. We will study parody and laughter through the "poesia giocosa" (parodic poetry) by Cecco Angiolieri and the legacy of Humanism through the letters of Poggio Bracciolini. This first overview will allow you to explore Italian literature from its complex and multicultural beginnings to its diffusion across Europe during the Renaissance

Fall 2022: ITAL UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 3333	001/12044	M W 11:40am - 12:55pm 509 Hamilton Hall	Steven Baker	3.00	11/20
ITAL 3333	AU1/19942	M W 11:40am - 12:55pm 509 Hamilton Hall	Steven Baker	3.00	1/2

ITAL UN3334 INTRO TO ITALIAN LITERATURE II.**3.00 points.**

Prerequisites: ITAL UN2102 or the equivalent.

Prerequisites: ITAL UN2102 or the equivalent. UN3334-

UN3333 is the basic course in Italian literature. UN3334:

Authors and works from the Cinquecento to the present. Taught in Italian

Spring 2023: ITAL UN3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3334	001/13182	M W 11:40am - 12:55pm 511 Hamilton Hall	Steven Baker	3.00	11/20

ITAL UN3335 ADVANCED ITALIAN I. 3.00 points.Prerequisites: *ITALUN2102 or the equivalent. If you did not take Intermediate Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.*Prerequisites: *ITALUN2102 or the equivalent. If you did not take Intermediate Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester. Written and oral self-expression in compositions and oral reports on a variety of topics; grammar review. Required for majors and concentrators***Spring 2023: ITAL UN3335**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3335	001/13205	T Th 2:40pm - 3:55pm 507 Hamilton Hall	Federica Franze	3.00	10/18

ITAL UN3336 ADVANCED ITALIAN II. 3.00 points.

Prerequisites: ITAL V3335

Prerequisites: *ITAL V3335 Advanced reading, writing, speaking with emphasis on authentic cultural materials. Topic and semester theme varies***ITAL UN3337 ITALIAN THROUGH CINEMA. 3.00 points.**

Prerequisites: ITAL UN3335

Prerequisites: *ITAL V3335. Students will develop advanced language competence while analyzing and discussing Italian film comedies and their reflection of changing Italian culture and society. Films by Monicelli, Germi, Moretti, Wertmuller, Soldini and others***Fall 2022: ITAL UN3337**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3337	001/13379	T Th 6:10pm - 7:25pm 507 Hamilton Hall	Patrizia Palumbo	3.00	7/16

Spring 2023: ITAL UN3337

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 3337	001/13298	M W 10:10am - 11:25am 507 Hamilton Hall	Felice Beneduce	3.00	14/16
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ITAL UN3339 Learning Italian in Class and Online: A Telecollaboration with Italy. . 3 points.

Prerequisites: (ITAL UN2102) ITAL UN2102 or the equivalent.

If you did not take Intermediate Italian at Columbia in the semester preceding the current one, you must take the placement test, offered by the Italian Department at the beginning of each semester.

The aim of the course is the intensive practice in the spoken and written language, through topics on current cultural issues assigned for in class and online discussions. Students will learn about current events through a varied selection of written and visual texts such as newspaper articles, authentic videos and in-person interviews. There will be an extensive work on vocabulary and grammar review. The course will be integrated by an online section, which will allow students to engage with the language and the topics selected, also outside of class.

In particular, during the second half of the semester, we will partner with the students of a Master's program in "Teaching Italian to foreigners" at an Italian University, for an unique online exchange program.

At the end of the course, students will have acquired a deeper knowledge of Italian contemporary life and culture, and improved both their written and oral communication skills, within specific socio-pragmatic areas.

Italian is the language of instruction and the use of English is not permitted in class nor during the online lessons.

ITAL UN3341 Art Itineraries: Italian through Art. 3.00 points.

Prerequisites: (ITAL UN2102) or (ITAL UN2121) Students must have completed Intermediate level Italian language proficiency.

Prerequisites: (ITAL UN2102) or (ITAL UN2121) Students must have completed Intermediate level Italian language proficiency. The course, designed for students who have mastered the grammatical structure of the language, will give the students the opportunity to improve their language skills and discover Italian art from Middle Ages to the second half of twentieth century. The works of the artists will be studied and discussed with the intent of developing knowledge of the main features of artistic and cultural movements and of the appropriate vocabulary and terminology to describe and talk about them. A particular emphasis will be put to oral and written productions: various kinds of texts and genres will be practiced (description, narration, critical analysis). Students will learn how to describe and interpret a work of art, examine the main characteristics and the techniques used by the artists and will be able to look for themes recurring in the artistic productions. The artists covered during the course will be introduced along the lines of their unique artistic, historical and socio-cultural relevance through different sources: images, scholarly essays, literature, video and music. Two visits to the

Metropolitan Museum of Art and to CIMA (Center for Modern Italian Art) will be organized. In Italian

Fall 2022: ITAL UN3341

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3341	001/12013	M W 1:10pm - 2:25pm 406 Hamilton Hall	Alessandra Saggin	3.00	6/16

ITAL UN3342 Business Italian and the Made in Italy Excellence: Learning Italian for trade and industry. 3.00 points.

Everywhere in the world, the expression 'Made in Italy' evokes the idea of quality, elegance and unique taste. From food to wine, from artisanal craftsmanship to fashion, from the automobile industry to the design, 'Made in Italy' means creativity, durability, and a guarantee of excellence. Today, Italy is the fourth largest economic power in Europe and many countries like the USA have long established economic relationships and partnership with it. While the English language has been increasingly used during these economic exchanges, a basic knowledge of Italian terminology within a context of commerce and trade is an important asset and a useful resource. Developing a strong understanding of the Italian business environment and its culture offers useful advantages for all those who want to create ties with or plan to work in the Italian business world in the future. The course is open to all students who have completed the Italian intermediate level and would like to have an introduction to Italian language used for work and business. The course will be conducted as an intensive practice in the spoken and written language through assigned topics focusing on Italian business and related cultural themes. It will provide an overview of the job market world and the business environment in Italy, giving students the main tools to explore and interact appropriately in a professional environment. During the second half of the semester, the course will introduce students to the Made in Italy excellence and the history responsible for Italian Style's world-renowned fame and high-demand. Students will learn how the concept of Made in Italy originated, look at the history of Italian style and its international value. The lessons in the second half of the semester will be integrated with interviews of people in Italy and in New York City working in businesses that sell or advertise Italian products. The interviews (one per week) will provide a direct look into the areas that are being discussed in class, so that students will have the opportunity to learn firsthand what it means to work in a business in Italy or with Italy, and with Italian products

Fall 2022: ITAL UN3342

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3342	001/12947	T Th 2:40pm - 3:55pm 507 Hamilton Hall	Federica Franze	3.00	10/16

ITAL UN3642 ROAD TRIPS:TRAVEL IN ITAL CIN. 3.00 points.

Explores the representation of national identity in Italian cinema from the Fascist era to the present. Examines how both

geography and history are used to construct an image of Italy and the Italians. Special focus on the cinematic representation of travel and journeys between North and South. Films by major neo-realist directors (Rossellini, De Sica, Visconti) as well as by leading contemporaries (Moretti, Amelio).

Fall 2022: ITAL UN3642

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3642	001/00053	W 6:10pm - 10:00pm 202 Milbank Hall	Nelson Moe	3.00	2/20

ITAL UN3643 History of Italian Cinema. 3 points.

This course explores the evolution of Italian Cinema from the pre-Fascist era to the millenium, and examines how films construct an image of Italy and the Italians. Special focus will be on the cinematic representations of gender. Films by major directors (Fellini, De Sica, Visconti) as well as by leading contemporaries (Moretti, Garrone, Rohrwacher) will be discussed.

ITAL UN3645 Grand Tour in Italy. 3 points.

Prerequisites: Note: Italian is the language of instruction.

Course Description

This course proposes a virtual tour of the country's most famous sites, looking at the ways in which what is local and peculiar, diverse and marginal, contributes its distinctive style and character to the overall unity and uniqueness of Italy.

Each week we consider a different aspect of Italy's richness and variety: from the evolution of its language/s and dialects to its humor; its art and landscapes; the music from ancient times to current pop songs; its cinema and web serials, its cuisine, the contributions of migrants, and much more.

The course is highly interdisciplinary and will assist students in the development of their linguistic and cultural skills, while tracing the origins of most mainstream Italian cultural phenomena, and imparting an awareness of modern Italy's multiculturalism.

CLIA GU3660 MAFIA MOVIES. 3.00 points.

Examines representations of the mafia in American and Italian film and literature. Special attention to questions of ethnic identity and immigration. Comparison of the different histories and myths of the mafia in the U.S. and Italy. Readings includes novels, historical studies, and film criticism. Limit 35

Spring 2023: CLIA GU3660

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLIA 3660	001/00639	W 6:10pm - 10:00pm 328 Milbank Hall	Nelson Moe	3.00	14/15

ITAL UN3661 New Perspectives on Machiavelli # Renaissance Florence. 3.00 points.

What do we envision when we think about Renaissance Florence? A long-standing and influential narrative placing Florence at the heart of the Renaissance prompts us to

imagine a civilization defined by the esthetic ideals of beauty, grace, harmony, and balance. On the other hand, there are counter arguments that emphasize darker elements and suggest that the Italian Renaissance was a period marked by violence, immorality, and a cynicism famously attributed to the Florentine Niccolò Machiavelli. Since neither of these contrasting perspectives provides an exhaustive, accurate picture, it is useful—indeed, necessary—to explore the phenomenon that we call Renaissance with an openness to its full range of dimensions. In this process, our very present may both contribute to and complicate our endeavor to shape new paths of inquiry. This course will focus on Renaissance Florence from a variety of viewpoints. In the introductory section, we will use a diverse set of sources (including theoretical readings and examples from pop culture) to lay the foundations of our work. Then, building on recent trends in Renaissance scholarship, our exploration will foreground three perspectives in particular: (I) we will look at Renaissance Florence through the lens of queer and gender studies; (II) we will consider the role of orality and performance; and (III) we will focus on cultural and religious diversity. Special attention will be devoted to the figure and works of Niccolò Machiavelli. By looking at Machiavelli from the three perspectives mentioned above, we will be able to investigate neglected sides of his intellectual personality as well as to reappraise some aspects of his political thinking. Throughout the semester, we will interrogate a wide variety of primary sources, including literary texts, letters, paintings, and musical pieces. Moreover, we will read selected secondary sources that will facilitate our dialogue with the primary materials and enable us to take into account additional queries. In order to reach the learning objectives set for the course, students will have the possibility to engage in an array of oral, written, and multimodal assignments. There are no prerequisites for this course. Students are welcome to read sources in the original language if they wish to do so; however, no knowledge of Italian is required

Spring 2023: ITAL UN3661

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3661	001/14591	M 4:10pm - 6:00pm 315 Hamilton Hall	Claudia Antonini	3.00	14/15

ITAL UN3865 Introduction to Fashion Studies. 3.00 points.

This seminar examines the many meanings of fashion, design, and style; how values underlying fashion are selected, preserved, denied, reinvented or rethought; how the symbolic meanings and ideological interpretations are connected to creation, production and consumption of fashion goods. Based on an anthropological perspective and framework, this interdisciplinary course will analyze ways in which we can understand fashion through the intersections of many different levels: political, economic, aesthetic, symbolic, religious, etc. The course will study how fashion can help us understand the ways in which tradition and innovation, creativity and technology, localism and globalization, identity and diversity, power and body, are elaborated and interpreted in contemporary

society, and in relation to a globalized world. Short videos that can be watched on the computer will be assigned. There are no pre-requisites for this course. In English

Fall 2022: ITAL UN3865

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3865	001/12012	M 2:10pm - 4:00pm 303 Hamilton Hall	Barbara Faedda	3.00	24/35

ITAL UN3993 SENIOR THESIS/TUTORIAL. 3.00 points.

Prerequisites: the faculty adviser's permission.

Prerequisites: the faculty advisers permission. Senior thesis or tutorial project consisting of independent scholarly work in an area of study of the student's choosing, under the supervision of a member of the faculty

Fall 2022: ITAL UN3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3993	001/13134		Teodolinda Barolini	3.00	0/3
ITAL 3993	003/13135		Elizabeth Leake	3.00	0/3
ITAL 3993	004/13136		Nelson Moe	3.00	0/3
ITAL 3993	005/13137		Pier Mattia Tommasino	3.00	0/3

Spring 2023: ITAL UN3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3993	001/00796		Nelson Moe	3.00	1/5

ITAL GU4005 RAPID READ#TRANSLATION IN ITAL. 3.00 points.

Restricted to graduate students.

For graduate students and others who need to develop their reading knowledge of Italian. Open to undergraduate students as well, who want a compact survey/review of Italian structures and an approach to translation. Grammar, syntax, and vocabulary review; practice in reading and translating Italian texts of increasing complexity from a variety of fields, depending on the needs of the students. No previous knowledge of Italian is required. Note: this course may not be used to satisfy the language requirement or to fulfill major or concentration requirements

Fall 2022: ITAL GU4005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4005	001/12011	T 6:10pm - 8:00pm 509 Hamilton Hall	Maria Luisa Gozzi	3.00	7/16

ITAL GU4015 ITALIAN FOOD/GLOBALIZED WORLD. 3.00 points.

This seminar examines the many meanings of food in Italian culture and tradition; how values and peculiarities are transmitted, preserved, reinvented and rethought through a lens that is internationally known as ;Made in Italy;; how the symbolic meanings and ideological interpretations are connected to creation, production, presentation, distribution, and consumption of food. Based on an anthropological

perspective and framework, this interdisciplinary course will analyze ways in which we can understand the Italian taste through the intersections of many different levels: political, economic, aesthetic, symbolic, religious, etc. The course will study how food can help us understand the ways in which tradition and innovation, creativity and technology, localism and globalization, identity and diversity, power and body, are elaborated and interpreted in contemporary Italian society, in relation to the European context and a globalized world. Short videos that can be watched on the computer and alternative readings for those fluent in Italian will be assigned. In English

ITAL GU4019 TOPICS in MICROHISTORY. 3 points.

In the 1970s and 1980s a group of young Italian historians transformed the methods of historical inquiry and narrative. This class explores the origins, the diffusion, as well as the debate around Italian Microhistory across Europe and the United States. In particular, we will focus on “cultural” and “social” Microhistory and its evolution in Italy, France, and the US. We will read masterpieces such as Carlo Ginzburg’s *The Cheese and the Worms*, as well as Nathalie Zemon Davis’s *The Return of Martin Guerre*. Also, we will analyze the current application of microhistorical methods to contemporary global history and the genre of biography. Topics include pre-modern popular culture and literacy, minority and marginality, the Inquisition, individual and collective identities, and the relation between the pre-modern Mediterranean, Europe and the world. *In Italian*.

CLIA GU4021 The Age of Romanticism Across the Adriatic. 3 points.

Prerequisites: Knowledge of Italian desirable but not necessary
This interdisciplinary seminar will study Romanticism as a literary trend, as much as a historical phenomenon and a life attitude. Romanticism is viewed here as the sum of the different answers to the sense of insecurity, social alienation and loneliness, provoked by the changing and frail world of the end of the eighteenth and the beginning of the nineteenth century. We will investigate the Romantic ideology in relation to the trans-Adriatic world of Italy and Greece, an area that entered modernity with the particular lure and burden of antiquity, as well as through revolutionary upheaval. Students will be invited to read authors like Vittorio Alfieri, Ugo Foscolo, Silvio Pellico, Giacomo Leopardi, Alessandro Manzoni, Massimo d’Azeglio, and to reflect on themes such as Nostalgia and Nationalism, the Discovery of the Middle Ages, the Historical Novel, the Invention of Popular Tradition, the Fragmented Self, Autobiographical and Travel Writing, the Brigand Cult, Hellenism, Philhellenism, Orientalism and Balkanism, and others.

CLIA GU4022 Diasporas in Italian and Transnational History. 3 points.

Some years ago the word Diaspora referred to Jews and was spelled with a capital D. Today, almost every ethnic group, country, or separatist movement has its diaspora. Usually, these diasporas are presented as pieces of national life scattered here and there, in places far away from the national core. In this

seminar, however, we will treat diasporas not as an emblem of national unity but as an expression of diversity, of a multiplicity of loyalties and belongings. By combining history, literature, film, and cultural studies, and by approaching the topic through the lens of transnationalism, we will study topics such as Mobility and Nationalism, Diasporas in Intellectual History, The Mediterranean in Motion, Italian Migration, Mobile Italy and its Colonies, Displacements in the Eastern Mediterranean, Lost Cosmopolitanisms in the Middle East, Emigration from Eastern Europe, and Mediterranean Refugees and Memory. The aim is to turn our gaze away from the territorially defined countries, towards a view of the world in which countries are ship-like territories.

ITAL GU4022 THE QUR'AN IN EUROPE. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Is the Qur’an translatable? Was the Qur’an translated? Are non Arabic-speaking Muslims allowed to translate the Qur’an? And what about non-Muslims? Did Muslims and non-Muslims collaborate in translating the text of the Qur’an into Latin and European vernaculars? This course focuses on the long history of the diffusion of the Qur’an, the Scripture of the Muslims, and one of the most important texts in the history of humanity. We will focus on reading and translation practices of the Qur’an in Europe and the Mediterranean, from the Middle Ages to the contemporary world. We will explore how European Muslims, such as Iberian *moriscos*, European Jews, as well as Orthodox, Protestants and Catholics read, copied, collected, translated and printed the Qur’an. We will also explore why the Qur’an was confuted, forbidden, burned and even eaten, drunk and worn along eight centuries of the history of Europe. This long excursus, based on a close reading of the Qur’an and on the discussion of the major themes this close reading proposes, will help us to understand the role of Islam and its revelation in the formation of European societies and cultures.

CLIA GU4023 Travel Literature in and from the Mediterranean, 18th-19th centuries. 3 points.

This course will study various forms of travel writing within, from, and to the Mediterranean in the long nineteenth century. Throughout the semester, you will read a number of travel accounts to develop your understanding of these particular sources and reflect on the theoretical discussions and the themes framing them, namely orientalism, postcolonial studies, imaginative geographies, literature between fiction and reality, Romantic and autobiographical writing, gender, sexuality and the body, the rise of archeology, adventurism, mass migration and tourism. We will focus on Italian travel writers visiting the Ottoman Empire and the Americas (Cristina di Belgioioso, Gaetano Osculati, Edmondo de Amicis) and others visiting the Italian peninsula (Grand Tourists, Madame De Staël), and we will study the real or imaginary travels of French, British and American writers to the Eastern Mediterranean and to antique and holy lands (Jean-Jacques Barthélemy, Count Marcellus, Austen Henry Layard, Lord Byron, Mark Twain), as well as Arabic travel writers to the West (Rif R#fi# al-#ah##w#).

CLIA GU4024 Nationalism in Theory and History. 3.00 points.

Were nations always there? Are they real or imagined? Do they come before or after nationalism and the state? How did we pass from a world of empires, duchies, and city-states to a world of nation-states? Where does legitimacy reside if not in God and his endowed kings? Is the modern world really 'disenchanted'? How did we come to understand time, space, language, religion, gender, race, and even our very selves in the era of nations? Are we done with this era, living already in postnational times? This course will combine older theories of nationalism (Gellner, Anderson, Hobsbawm, Smith) with recent approaches of the phenomenon after the 'Imperial/Global/Transnational Turn' (Bayly, Conrad, Innes, Isabella, Reill, Stein etc.) and late studies in Gender, Race, Culture and Nationalism, in order to offer new answers to old questions. We will talk about many places around the world, but the main stage where we will try out our questions is Italy and the Mediterranean

CLIA GU4025 Italian Migrations. 3.00 points.

This course will offer an account of the multiple migrations out, in and through Italy since 1800. By combining history, literature, and film, and by approaching the topic through the lens of transnationalism, we will study different topics of Italian mobility, such as Exile and the Risorgimento, The Mediterranean in Motion, Migrants' Experiences at Sea, The Great Italian "Exodus" to the Americas, Mobile Italy and its Colonies, The Lost Italian "Cosmopolitanisms" of the Middle East, Postwar Italian "National Refugees", and Contemporary Migration to Italy. We will read masterpieces of Italian literature both by Italian-American authors and by contemporary migrants to Italy. We will watch some of the most important films and documentaries on these topics. And we will think about how such phenomena as Italian mass emigration in the long nineteenth century, Fascist colonialism and resettlement of populations in the twentieth century, postwar refugees, and contemporary immigrants to Italy are all intrinsically interconnected and make part of the same story. Overall, the aim of this course is to turn our gaze away from the territorially defined Italy, towards a view of Italy as a space on the move

ITAL GU4043 Italian Renaissance Literature and Culture. 3 points.

This course on Italian Renaissance literature and culture will pay special attention to the crossing of boundaries, whether socio-cultural, religious, linguistic, gendered, ethnic, or strictly geographical, in a range of fourteenth- to early seventeenth-century texts in a variety of genres, including travelogue, chivalric epic poetry, comedy, dialogues, and the novella, as well as political, philosophical, and scientific writing. Authors covered include Marco Polo, Leonardo Bruni, Pico della Mirandola, Boiardo, Ariosto, Machiavelli, Castiglione, Beolco, Giraldi Cinzio, Tasso, Moderata Fonte, Tarabotti, and Galileo. *In English.*

ITAL GU4055 ANTHROPOLOGY OF CONTEMP ITALY. 3.00 points.

This seminar examines ways in which Italy is understood and represented by Italians and non-Italians. It will analyze the formation of multiple discourses on Italy, how Italian culture and society are imagined, represented and/or distorted. Based on an anthropological perspective, this course will examine ways in which we can understand Italy through the intersections of pluralism, ethnicity, gender, and religion. The course will study how Italy strives for political and economic unity, while there is a concurrent push toward inequality, exclusion, and marginalization. Moreover, the course will analyze the revitalization of nationalism on one hand of regionalism on the other, and will focus on the concepts of territory, identity, and tradition. Short videos that can be watched on computer and alternative readings for those fluent in Italian will be assigned. There are no pre-requisites for this course

Spring 2023: ITAL GU4055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4055	001/13155	M 2:10pm - 4:00pm 401 Hamilton Hall	Barbara Faedda	3.00	11/25

ITAL GU4057 ANTHROPOLOGY OF ITALIAN FOOD, FASHION, & DESIGN. 3 points.

Not offered during 2022-23 academic year.

This colloquium examines the many meanings of food, fashion, designs, trends, and style, especially in Italian culture and tradition; how values and peculiarities are transmitted, preserved, reinvented, and rethought through a *lens* that is internationally known as "Made in Italy"; how the symbolic meanings and ideological interpretations are connected to creation, production, and consumption of goods. Based on an anthropological perspective and framework, this interdisciplinary course will analyze ways in which we can understand the 'Italian style' through the intersections of many different levels: political, economic, aesthetic, symbolic, religious, etc. The course will study how fashion, food, and design can help us understand the ways in which tradition and innovation, creativity and technology, localism and globalization, identity and diversity, power and body, are elaborated and interpreted in contemporary Italian society, in relation to the European context and a globalized world.

Short videos that can be watched on the computer and alternative readings for those fluent in Italian will be assigned.

ITAL GU4086 Castiglione and the Italian Renaissance Court. 3 points.

Focus on Castiglione's Book of the Courtier as educational treatise, philosophical meditation, sociopolitical document, and book of courtly manners; other courtly writings of the period, from Della Casa's Galateo to Ariosto's Satires to Bembo's Asolani. Lectures in English; text in Italian, although comparative literature students who can follow with the help of translations are welcome.

ITAL GU4089 Petrarch's Canzoniere. 3 points.

This course presents a reading of Petrarch's *Canzoniere* and a theory of the lyric sequence as a genre. In this course we examine Petrarch as he fashions himself authorially, especially in the context of Ovid, Dante, and previous lyric poets. We bring to bear ideas on time and narrative from authors such as Augustine and Ricoeur in order to reconstruct the metaphysical significance of collecting fragments in what was effectively a new genre. We will consider Petrarch's lyric sequence in detail as well as read Petrarch's *Secretum* and *Trionfi*. Lectures in English; text in Italian, although students from other departments who can follow with the help of translations are welcome.

ITAL GU4091 DANTE'S DIVINA COMMEDIA 1. 4.00 points.

ITALIAN MAJORS AND ITALIAN DEPT GRADUATE STUDENTS MUST REGISTER FOR SECTION 001.

Prerequisites: SECTION 001: reading knowledge of Italian. SECTION 002: none.

A year-long course in which the "Commedia" is read over two consecutive semesters; students can register for the first, the second, or both semesters. This course offers a thorough grounding in the entire text and an introduction to the complexities of its exegetical history. Attention not only to historical and theological issues, but also to Dante's mimesis, his construction of an authorial voice that generations of readers have perceived as "true," and the critical problems that emerge when the virtual reality created in language has religious and theological pretensions. SECTION 001: Lectures in English, text in Italian; examinations require the ability to translate Italian. SECTION 002: Lectures in English, examinations in English; students who can follow lectures with the help of translations but who cannot manage the Italian should register for this section.

Fall 2022: ITAL GU4091

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4091	001/12024	T Th 4:10pm - 6:00pm 503 Hamilton Hall	Teodolinda Barolini	4.00	10/35
ITAL 4091	002/12027	T Th 4:10pm - 6:00pm 503 Hamilton Hall	Teodolinda Barolini	4.00	13/35

ITAL GU4092 DANTE'S DIVINA COMMEDIA 2. 4.00 points.**Spring 2023: ITAL GU4092**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4092	001/13223	T Th 4:10pm - 6:00pm 503 Hamilton Hall	Teodolinda Barolini	4.00	4/30
ITAL 4092	002/13193	T Th 4:10pm - 6:00pm 503 Hamilton Hall	Teodolinda Barolini	4.00	9/30

ITAL GU4100 Narratives of Modernity. 3 points.

In revisiting two major authors of the Italian modern novel, the course investigates the relation between fiction and the "conditions of modernity" (personal risk, anxiety and lack of control on reality, secularization, to name a few). Special attention will be paid to the response of the novelistic discourse to modernity, and to Italy's peculiarly peripheral position in the modern world. Primary texts will be read in Italian, while theoretical references will be in English.

ITAL GU4109 ITAL AUTOBIOGRAPHY 19-20TH CENT. 3.00 points.

Against the backdrop of the heated critical debate on the boundaries and limitations of the autobiographical genre, this course addresses the modern and contemporary tradition of autobiographical writings, focusing in particular (but not exclusively) on exploring and positing the potential difference between male and female autobiographers. More specifically, we will question the adequacy of the traditional model of autobiographical selfhood based on the assumption of unified, universal, exemplary and transcendent self to arrive at an understanding of women's autobiography. Topics to be addressed include: the crisis of the subject, *je est un autre*, the man with a movie camera, strategies of concealment and disclosures. Authors to be studied include: D'Annunzio, Pirandello, Svevo, Fellini, Moretti, Ortese, Ginzburg, Manzini, Cialente, Ramondino. In Italian

Spring 2023: ITAL GU4109

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4109	001/13119	T 2:10pm - 4:00pm 501 Hamilton Hall	Elizabeth Leake	3.00	3/20

ITAL GU4140 ITAL FASCISM # ITS REPRESENTATION IN FILM. 3.00 points.**ITAL GU4185 The Making of Italy: The Risorgimento in Global Context. 3 points.**

Prerequisites: Knowledge of Italian is necessary for this course. This course will examine the history of the Italian Risorgimento by following the major historiographical trends of the recent decades. First, it will approach the Risorgimento through the prism of cultural and intellectual history by investigating a series of topics, such as the discursive patterns of the 'Risorgimento canon', the gendered tropes of nationalism, the creation of a new public sphere through operas, festivals and plebiscites, the connection of nationalism with religion, and the relation of empire to nation and liberalism. Second, it will look at the Risorgimento through the eyes of local and regional history by examining local patriotisms, revolutions and civil wars and the division between North and South. Finally, it will offer a new topography of Italian history by placing the Risorgimento in its Mediterranean and global context and by exploring its international aspects: the global icons that it produced (i.e. Garibaldi, Mazzini); the networks of exiles in other Mediterranean and European countries; the war volunteers; and the connection of Italian patriots with the wave

of liberalism and revolution that swept the globe from India to Latin America.

ITAL GU4220 INTRO-HIST # THEORY-LIT INTERP.

3.00 points.

Spring 2023: ITAL GU4220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4220	001/13139	W 4:10pm - 6:00pm 501 Hamilton Hall	Elizabeth Leake	3.00	3/20

CLIA GU4300 Renaissance Orientalism. 3.00 points.

This course offers an overview of the scholarly debate about the Renaissance during the last twenty years (2001-2021), with a particular focus on the relationship between early modern Italy, Europe, and Muslim Eurasia. This class intends to give students insight into and philological tools to engage the current debate about the revision of the concept—and the period—of the Renaissance (broadly 1350-1570). We will read both primary (Petrarch, Pico della Mirandola, Galateo, Leonardo Bruni, Leo Africanus) and secondary sources in order to understand the main trends of philological and historical research about early modern Eurasia in the last twenty years. We will read about how Petrarch's anti-Arabism has been analyzed and used by twentieth-century Medievalists. We will explore how Said's *Return to Philology* influenced the study of the transmission of texts in the Early Modern World. Also, we will try to understand the role of Islam, Muhammad, and the Ottoman Empire in the evolution of European political thought. Similarly, we will dive into Early Modern European representations of the Muslim Other, as well as into Arabic travel writing about Early Modern Europe. The main goal of this class is to discuss with the students about what happened in the field of Renaissance studies in the last two decades, roughly between September 11, 2001 and our current "post"-pandemic world, with a particular attention to the study of literary texts, intellectual and cultural history, the history and theory of translation. In English

Spring 2023: CLIA GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLIA 4300	001/14127	W 2:10pm - 4:00pm 212a Lewisohn Hall	Pier Mattia Tommasino	3.00	14/20

ITAL GU4395 Fifty Years of Impatience: The Italian Novel between 1950-2000. 3 points.

The course examines some of the most important novels that belong to Italy's period of major social and economic transformations. Only after WWII Italy finally becomes a modern nation, i.e. a republic based on truly universal suffrage, and an industrialized country. Such accelerated progress, though, causes deep social instability and mobility which obviously results in heavy psychological pressures on the people: adaptation becomes crucial and inevitable. Fiction therefore resumes the task to represent such awkwardness of integration into a modern bourgeois society that, contrarily to its European and American counterpart, is extremely tentative and insecure per se, since its political identity has extremely precarious grounds. Among other authors, primary readings

include Giuseppe Tomasi di Lampedusa's *The Leopard* and Italo Calvino's *If on a Winter's Night a Traveler*. *Primary Readings in Italian*.

ITAL GU4420 The Window On the World: Reassessing Italian Neorealism. 3 points.

Not offered during 2022-23 academic year.

Roberto Rossellini, Vittorio De Sica, Luchino Visconti and other Italian filmmakers challenged modes of film production in vogue in the 1940s and 1950s, both in theoretical and practical terms. This course will analyze both the feature films and the theoretical writings of such directors as those mentioned and others, in order to investigate the modes of representation of reality in the immediate postwar years, their relation to the identity of the newborn Italian Republic, and their significance in post-WWII filmmaking. All readings and lectures in English; Films in Italian or French, with English subtitles.

CLIA GU4499 Mediterranean Humanities I. 3.00 points.

Mediterranean Humanities I explores the literatures of the Mediterranean from the late Middle Ages to the Early Nineteenth Century. We will read Boccaccio, and Cervantes, as well as Ottoman poetry, Iberian Muslim apocalyptic literature, and the Eurasian connected versions of the *One Thousand and One Nights*. We will dive into the travel of texts and people, stories and storytellers across the shores of the Middle Sea. Based on the reading of literary texts (love poetry, short stories, theater, and travel literature), as well as letters, biographies, memoirs, and other ego-documents produced and consumed in the Early Modern Mediterranean, we will discuss big themes as Orientalism, estrangement, forced mobility, connectivity, multiculturalism and the clash of civilizations. Also, following in the footsteps of Fernand Braudel and Erich Auerbach, we will reflect on the Mediterranean in the age of the first globalization as a laboratory of the modern global world and world literature

Fall 2022: CLIA GU4499

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLIA 4499	001/15472	W 2:10pm - 4:00pm 424 Pupin Laboratories	Pier Mattia Tommasino	3.00	10/22

CLIA GU4500 Mediterranean Humanities. 3.00 points.

What is the Mediterranean and how was it constructed and canonized as a space of civilization? A highly multicultural, multilingual area whose people represent a broad array of religious, ethnic, social and political difference, the Mediterranean has been seen as the cradle of western civilization, but also as a dividing border and a unifying confluence zone, as a sea of pleasure and a sea of death. The course aims to enhance students' understanding of the multiple ways this body of water has been imagined by the people who lived or traveled across its shores. By exploring major works of theory, literature and cinema since 1800, it encourages students to engage critically with a number of questions (nationalism vs cosmopolitanism, South/North and East/West divides, tourism, exile and migration, colonialism and orientalism,

borders and divided societies) and to 'read' the sea through different viewpoints: through the eyes of a German Romantic thinker, a Sephardic Ottoman family, an Algerian feminist, a French historian, a Syrian refugee, an Italian anti-fascist, a Moroccan writer, an Egyptian exile, a Bosnian-Croat scholar, a Lebanese-French author, a Cypriot filmmaker, an Algerian-Italian journalist, and others. In the final analysis, Med Hum is meant to arouse the question of what it means to stand on watery grounds and to view the world through a constantly shifting lens

ITAL GU4502 ITALIAN CULTURAL STUDIES I. 3.00 points.

An interdisciplinary investigation into Italian culture and society in the years between Unification in 1860 and the outbreak of World War I. Drawing on novels, historical analyses, and other sources including film and political cartoons, the course examines some of the key problems and trends in the cultural and political history of the period. Lectures, discussion and required readings will be in English. Students with a knowledge of Italian are encouraged to read the primary literature in Italian

Fall 2022: ITAL GU4502

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4502	001/00054	T Th 10:10am - 11:25am LI016 Milstein Center	Nelson Moe	3.00	4/10

ITAL GU4503 ITL CULTRL ST II:WWI-PRESENT. 3.00 points.

An interdisciplinary investigation into Italian culture and society in the years between World War I and the present. Drawing on historical analyses, literary texts, letters, film, cartoons, popular music, etc., the course examines some of the key problems and trends in the cultural and political history of the period. Lectures, discussion and required readings will be in English. Students with a knowledge of Italian are encouraged to read the primary literature in Italian.

Spring 2023: ITAL GU4503

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4503	001/00640	T Th 10:10am - 11:25am 502 Diana Center	Nelson Moe	3.00	5/10

ITAL GU4510 Italian Cinema: From Dolce Vita to the Immigration Crisis. 3 points.

Not offered during 2022-23 academic year.

CLIA GU4700 The Mediterranean in History and Anthropology. 3 points.

Prerequisites: Corequisite Colloquium "The Italian and Mediterranean Colloquium", Knowledge of French and/or Italian Preferable

This course will offer an overview of historical and anthropological writing on the Mediterranean from the birth of the field through the pages of Fernand Braudel's celebrated

book in the 1940s to the present day. It will trace the shifts in the ways we understand the Mediterranean by examining the sea as a malleable geographical space, which changes over time. It will explore topics such as the macro- and micro-histories of the Sea; the 'history in' and the 'history of' the Mediterranean; 'anti-Mediterraneanism'; the revolutionary Mediterraneans; the colonial Mediterranean; the Grand Tour; the migrants in the Mediterranean; Italy in the Mediterranean, and others. Looking at the sea can tell us a lot about human life on land and can change our perspective on how we view this and other parts of the world.

ITAL GU4725 Pirandello and Modern Drama. 3 points.

The course will examine the foundations of modern drama and stage representation by analysing Luigi Pirandello's plays and theoretical works in close comparison with the major authors and drama theorists of the XIX century, including Bertolt Brecht, August Strinberg, and Jean Genet.

CLIA GU4725 PIRANDELLO # MOD ITALIAN DRAMA. 3.00 points.

HUNGARIAN COURSES

HNGR UN1101 ELEMENTARY HUNGARIAN I. 4.00 points.

Introduction to the basic structures of the Hungarian language. Students with a schedule conflict should consult the instructor about the possibility of adjusting hours

Fall 2022: HNGR UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 1101	001/12003	T Th 9:10am - 11:00am 351c International Affairs Bldg	Carol Rounds	4.00	4/18

HNGR UN1102 ELEMENTARY HUNGARIAN II. 4.00 points.

Introduction to the basic structures of the Hungarian language. With the instructors permission the second term of this course may be taken without the first. Students with a schedule conflict should consult the instructor about the possibility of adjusting hours

Spring 2023: HNGR UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 1102	001/13247	T Th 9:10am - 11:00am 351c International Affairs Bldg	Carol Rounds	4.00	4/20

HNGR UN2101 INTERMEDIATE HUNGARIAN I. 4.00 points.

Prerequisites: HNGR UN1101-UN1102 or the equivalent. Prerequisites: HNGR UN1101-UN1102 or the equivalent. Further develops a student's knowledge of the Hungarian language. With the instructor's permission the second term of this course may be taken without the first. Students with

a schedule conflict should consult the instructor about the possibility of adjusting hours

Fall 2022: HNGR UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 2101	001/12006	T Th 2:10pm - 4:00pm 518 Hamilton Hall	Carol Rounds	4.00	1/18

HNGR UN2102 INTERMEDIATE COURSE II. 4.00 points.

Prerequisites: *HNGR UN1101-UN1102* or the equivalent.

Prerequisites: HNGR UN1101-UN1102 or the equivalent.

Further develops a students knowledge of the Hungarian language. With the instructors permission the second term of this course may be taken without the first. Students with a schedule conflict should consult the instructor about the possibility of adjusting hours

Spring 2023: HNGR UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 2102	001/19984	T Th 12:10pm - 2:00pm 518 Hamilton Hall	Carol Rounds	4.00	1/16

HNGR UN3340 Advanced Hungarian Grammar. 3 points.

Prerequisites: *HNGR UN2101* or the equivalent.

Advanced Hungarian Grammar focuses on the more complex syntactic/semantic constructions of Hungarian in addition to vocabulary enrichment. Readings in literature, oral presentations, translations, and essays serve to enhance the grammatical material.

HNGR UN3341 ADVANCED READINGS IN HUNGARIAN. 3.00 points.

Prerequisites: HNGR UN2101 - HNGR UN2102 and HNGR UN3340, or the equivalent.

This course has an emphasis on rapid and comprehensive reading of academic materials. In addition to weekly readings, oral presentations and written essays serve to improve fluency in all aspects of Hungarian.

Fall 2022: HNGR UN3341

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 3341	001/12007	T Th 4:10pm - 5:25pm 352c International Affairs Bldg	Carol Rounds	3.00	4/18

HNGR UN3343 DESCRIPTIVE GRAMMAR-HUNGARIAN. 3.00 points.

This course is designed for those curious about the structure of Hungarian - an unusual language with a complex grammar quite different from English, or, indeed, any Indo-European language. The study of Hungarian, a language of the Finno-Ugric family, offers the opportunity to learn about the phonology of vowel harmony, the syntax of topic-comment discourse, verb agreement with subjects and objects, highly developed case systems and possessive nominal paradigms. In addition to its inflectional profile, Hungarian derivation possibilities are vast, combinatory, and playful.

During the semester we will touch upon all the important grammatical aspects of Hungarian and discuss them in relation to general linguistic principles and discourse, and finally, through some text analysis, see them in action. Although the primary discussion will center on Hungarian, we will draw on comparisons to other Finno-Ugric languages, most notably Finnish and Komi; students are encouraged to draw on comparisons with their own languages of interest. No prerequisite. Counts as Core Linguistics

Spring 2023: HNGR UN3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 3343	001/13235	T Th 4:10pm - 5:25pm 501 Hamilton Hall	Carol Rounds	3.00	5/20

JAZZ STUDIES

The Center for Jazz Studies: Prentis Hall, 4th floor (632 W. 125th Street); 212-851-9270

<http://www.columbia.edu/cu/cjs>

Jazz at Columbia:

<https://mpp.music.columbia.edu/louis-armstrong-jazz-performance-program>

Director: Prof. Kevin Fellezs, 806 Dodge Hall, 212-854-6689, kf2362@columbia.edu

Director of Jazz Performance: Prof. Ole Mathisen, 621 Dodge Hall; 212-854-3825; om2141@columbia.edu (cjw5@columbia.edu)

Program Administrator: Yulanda McKenzie, 602 Philosophy; 212-851-9270; ym189@columbia.edu

The special concentration in jazz studies is an interdisciplinary liberal arts course of study that uses jazz music—and the jazz culture from which the music emanated—as a prism through which to study jazz culture during what might be termed the long jazz century, the Sprawling 20's. The curriculum in this new field guides students in developing a firm grounding in the traditions and aesthetic motives of jazz music, viewed through the perspectives of music history and ethnomusicology as well as literary theory and cultural studies.

The program also explores in depth the development of jazz-oriented art works in the music's sister arts—literature, dance, painting, photography, and film. While a U.S. focus is highly appropriate, considering the many ways in which jazz is a definitive music of this nation, students also explore jazz's geographical history beyond these shorelines, including complex, ongoing interactions with Africa, the Caribbean, Europe, and Asia.

The special concentration in jazz studies is designed for music majors as well as for those majoring in other fields. The main difference between music majors and non-music majors is

that while music majors take advanced courses in arranging, composition, and transcription, non-music majors are required to take an introduction to music fundamentals.

While there are some fields where the fit with jazz studies is very obvious—music, American studies, African-American studies, English, comparative literature, and history—special concentrators can major in any field whatsoever. Is there a jazz or improvisatory philosophy? What might be its relation to studies of aesthetics or American pragmatism? And what are jazz's implications for the student of law? How does one protect the intellectual property rights of an improvised jazz solo? What about business? What economic and political forces have shaped jazz? Who buys jazz? What is its audience? What is a jazz painting? A jazz novel? What is jazz poetry? What is jazz dance? What is a jazz film? What are the sources and meanings of art? What work does the music do for the whole community?

Along with problems of musical history, form, and definition, our special courses explore jazz as a culture. Students not only study individual jazz artists but also explore the immeasurably variegated worlds through which such artists moved, and which they helped to shape. As cultural historians-in-training—focused on questions of nationality, race, sexuality, gender, economics, and politics—students explore the extraordinarily complicated terrains of the New Orleans of Bunk Johnson, for example, or the Baltimore of Billie Holiday (born in Philadelphia, reared in Baltimore). They explore such artists' other geographical travels. What did their images, including mistaken conceptions of who they were, tell us about the cultures that mythologized them?

How did these jazz musicians influence not only musicians but other artists of their era and milieu: the poets and novelists, painters and sculptors, photographers and filmmakers, dancers and choreographers who regularly heard them play and often shared with them a sense of common project?

One thinks of Tito Puente, working with singers and dancers at the Palladium; Jackson Pollack dancing to the music as he spun drips of paints on canvasses placed on the studio floor; Langston Hughes writing detailed instructions to the musicians he hoped would accompany performance of his poetry; Romare Bearden's beautifully turned stage and costume designs for Alvin Ailey and Dianne McIntyre, whose improvisatory jazz dance workshop was called *Sound in Motion*; the drummer Jo Jones in an interview naming as key influences a series of tap dancers he admired; Stanley Crouch, stirring in his high-powered essays in a room where jazz drums stand at the center, the old dream-kit inspiration; Ralph Ellison, who kept in touch with his beginnings as a musician in Oklahoma City through hour-long conversations with his childhood friend, the singer Jimmy Rushing; Toni Morrison reading her magical prose to improvisations by Max Roach and the dancer Bill T. Jones; and the pianist Jason Moran playing at the Studio Museum in Harlem, where he introduced his group as including Beauford

Delany, whose paintings hung on the wall near the bandstand—vigorous all and recall across the art forms.

Perhaps above all, the special concentration in jazz studies is designed to prepare students to be well-prepared and flexible improvisers in a universe of change and possibility.

INTERDEPARTMENTAL COMMITTEE ON JAZZ STUDIES

Ann Douglas (English and Comparative Literature)
Brent Hayes Edwards (English and Comparative Literature)
Kevin A. Fellezs (Music and African American and African Diaspora Studies)
Aaron Fox (Music)
Farah Jasmine Griffin (English and Comparative Literature)
George Lewis (Music)
Robert G. O'Meally (English and Comparative Literature)
Christopher Washburne (Music)

ADJUNCT LECTURERS IN JAZZ PERFORMANCE

Paul Bollenbeck
Christine Correa
Krin Gabbard
David Gibson
Brad Jones
Victor Lin
Ole Mathisen
Tony Moreno
Ugonna Okegwa
Adriano Santos
Don Sickler
Leo Traversa
Ben Waltzer

GUIDELINES FOR ALL JAZZ STUDIES SPECIAL CONCENTRATORS

Students interested in a special concentration in jazz studies should speak with the director no later than the fall semester of the sophomore year.

In addition to the requirements of the special concentration, students must complete a major or a full concentration. Students interested in declaring a special concentration in jazz studies will be assigned an adviser. The program of study is to be planned with the adviser as early as possible.

SPECIAL CONCENTRATION IN JAZZ STUDIES

Please read *Guidelines for all Jazz Studies Special Concentrators* above.

The special concentration in jazz studies requires a total of seven courses (22 points minimum), distributed as follows:

Requirements for Non-Music Majors/ Concentrators

ENGL GU4612	JAZZ AND AMERICAN CULTURE
MUSI UN2016	JAZZ
MUSI UN1002	FUNDAMENTALS OF MUSIC
Three interdisciplinary courses as approved by the director	
A senior independent study project	

Requirements for Music Majors/ Concentrators

ENGL GU4612	JAZZ AND AMERICAN CULTURE
MUSI UN2016	JAZZ
MUSI GU4505	JAZZ ARRANGING # COMPOSITION
MUSI GU4500	JAZZ TRANSCRIPTION # ANALYSIS
MPP UN1541	COLUMBIA UNIV JAZZ ENSEMBL
Private music lessons (strongly recommended but not required)	
Three interdisciplinary courses as approved by the director	
A senior independent study project	

JAZZ GU4900 Jazz and the Literary Imagination. 3 points. (Lecture). This course will focus on the ways that jazz has been a source of inspiration for a variety of twentieth-century literatures, from the blues poetry of the Harlem Renaissance to contemporary fiction. We will consider in detail the ways that writers have discovered or intuited formal models and political implications in black music. Rather than simply assume that influence only travels in one direction, we will also take up some literary efforts (including autobiography, poetry, historiography, and criticism) by musicians themselves. What are the links between musical form and literary innovation? How can terms of musical analysis (improvisation, rhythm, syncopation, harmony) be applied to the medium of writing? How does music suggest modes of social interaction or political potential to be articulated in language? How does one evaluate the performance of a poem (in an oral recitation or musical setting) in relation to its text? Materials may include writings and recordings by Jacques Attali, James Weldon Johnson, Langston Hughes, Louis Armstrong, Zora Neale Hurston, Sterling Brown, Kurt Schwitters, Ralph Ellison, Amiri Baraka, Ella Fitzgerald, William Melvin Kelley, Edward Kamau Brathwaite, Gayl Jones, Michael Ondaatje, Ed Pavlic, Joseph Jarman, Nathaniel Mackey, and Harryette Mullen, among others. Requirements: weekly response papers, a 5-7 pg. midterm paper and a 9-12 pg. final paper.

JAZZ GU4920 Jazz and Cinema. 3 points.

Because the beginnings of jazz and film both date to the last years of the nineteenth century, the two art forms essentially grew up together. The history of both is inseparable from the technological revolutions of the twentieth century, and at least in the United States, from histories of racial representation. We will explore the racial issues raised by American films along with how filmmakers represent gender, American humor, discourses of art and the popular, and the conventions of narrative. We will pay special attention to how all of this changes dramatically throughout the twentieth and early twenty-first centuries. After establishing what is most American about jazz and cinema, we will move on to documentary films as well as to films from Europe where many of the dominant American myths about jazz are both perpetuated and transformed. The goal of the course is to understand jazz as a music as well as a cultural practice that has been in constant flux during the last 120 years. The representation of the music and its practitioners in cinema is crucial to an understanding of the music at each of its many cultural moments.

OF RELATED INTEREST

African American Studies

AFAS UN3030	AFRICAN-AMERICAN MUSIC
AFAS UN3930	TOPICS IN THE BLACK EXPERIENCE

Dance (Barnard)

DNCE BC1247	Jazz, I: Beginning
- DNCE BC1248	and Jazz, I: Beginning
DNCE BC1445	TAP I
- DNCE BC1446	and TAP I
DNCE BC2248	Jazz, II: Intermediate
- DNCE BC2249	and Jazz, II: Intermediate
DNCE BC2447	TAP II
- DNCE BC2447	and TAP II

English and Comparative Literature

ENGL GU4621	HARLEM RENAISSANCE
ENGL GU4612	JAZZ AND AMERICAN CULTURE

Music

MPP UN1541	COLUMBIA UNIV JAZZ ENSEMBL
MUSI UN2016	JAZZ
MUSI UN2020	SALSA, SOCA # REGGAE
MUSI GU4500	JAZZ TRANSCRIPTION # ANALYSIS
MUSI GU4505	JAZZ ARRANGING # COMPOSITION
MUSI GU4507	The New Thing: Jazz 1955-1980
MUSI GU4540	Histories of Post-1960's Jazz

JEWISH STUDIES

Program Office: Institute for Israel and Jewish Studies, 617 Kent Hall; 212-854-2581; <http://www.iijs.columbia.edu/>

Program Director: Dr. Isabelle Levy, icl2001@columbia.edu

The academic discipline of Jewish studies is an interdisciplinary field centered on the analysis and investigation of Jewish history, religion, language, and literature. The discipline ranges from the study of Jews and Judaism in antiquity to the present day. It explores Judaism not only as a religion, but as a civilization and culture.

A special concentration in Jewish studies is available for undergraduates and allows students to draw upon classes in a wide range of departments across the University, including History; Sociology; Middle Eastern, South Asian, and African Studies; Germanic Languages and Literature; and Religion. The requirements for the special concentration are designed to provide students with the interdisciplinary knowledge necessary to study Jewish civilization both broadly and deeply.

The roots of Judaism lie deeper than one region, gender, language, or culture; and by studying the interconnectedness of these areas, the depth of understanding across a range of spheres and disciplines greatly increases. The special concentration in Jewish studies enhances the current scholarly programs, adding to current Jewish studies courses' vitality as students come to each course with a deeper understanding and background based on their complementary coursework.

Students wishing to complete a special concentration in Jewish studies work with a program adviser to decide upon course selection and sequencing. The program office provides and keeps on record a planning form to track the fulfillment of requirements for the special concentration.

AFFILIATED FACULTY

Beth Berkowitz (Religion, Barnard)
Clemence Boulouque (Religion)
Elisheva Carlebach (History)
Yinon Cohen (Sociology)
Jeremy Dauber (Germanic Languages)
Ofer Dynes (Slavic Languages and Literatures)
Rebecca Kobrin (History)
Agnieszka Legutko (Germanic Languages)
Seth Schwartz (History)
Michael Stanislawski (History)

SPECIAL CONCENTRATION IN JEWISH STUDIES

In addition to the requirements of the special concentration, students must complete a major or a full concentration.

For a special concentration in Jewish studies, students are required to complete a minimum of 21 points. Please note:

- At least one course must be taken from each of three of the focus areas listed below.
- Credits for language courses may constitute at most 10 points, and one year of Hebrew or Yiddish language is strongly recommended.
- A minimum of 18 points must be taken at Columbia or as part of an approved study abroad program (unless equivalent courses are not offered at Columbia, as determined by the faculty adviser).

The focus areas and courses listed below are examples and do not include all the potential courses which may count. Additionally, as new courses are introduced, new focus areas may develop. Some courses may fall under multiple headings. Determination of a course's focus area is at the discretion of the faculty adviser.

Focus Areas

Bible and Rabbinics/Ancient Judaism

RELI V3512	The Bible and Its Interpreters
RELI GU4637	TALMUDIC NARRATIVE
RELI W4520	Patriarchal and Rabbinic Authority in Antiquity
RELI V3501	Introduction To the Hebrew Bible
RELI V3508	Origins of Judaism
RELI V3561	Classics fo Judaism: Ethics of the Fathers
RELI V2510	Jews and Judaism in Antiquity

Medieval Judaism

HIST UN2657	Medieval Jewish Cultures
HIST W3616	Jews and Christians in the Medieval World
RELI W4510	The Thought of Maimonides
RELI V3870	Inquisitions, New Christians, and Empire
RELI GU4515	Reincarnation and Technology
HIST UN3180	RELIGIOUS CONVERSION IN HIST

Modern Judaism

HIST W3630	American Jewish History
RELI V3571	Judaism, Jewishness, and Modernity
MDES UN3542	Introduction to Israeli Literature
Israeli Society	
MDES UN3541	Zionism: A Cultural Perspective
MDES UN3542	Introduction to Israeli Literature

Gender and Judaism

HIST W3640	Jewish Women and Family, 1000-1800
RELI V3570	Women and Judaism: Folklore or Religion?

RELI W4504	Reading the Patriarchal and Matriarchal Stories in Genesis
Jewish History and Culture	
MUSI G4125	Jewish Music: Uniqueness and Diversity
RELI V3585	The Sephardic Experience
RELI W4503	Readings from the Sephardic Diaspora
RELI UN2306	INTRO TO JUDAISM
RELI W4511	Jewish Ethics
HIST UN2657	Medieval Jewish Cultures
HIST UN3645	Jews in Early Modern Europe, 1492-1750
Jewish Literature	
CLYD UN3500	READINGS IN JEWISH LITERATURE: American Jewish Literature: A survey
YIDD UN3800	Readings in Yiddish Literature: The Family Singer [In English]
RELI V3561	Classics of Judaism: Ethics of the Fathers

Jewish Studies courses are housed in a number of departments throughout the University. For a full list of courses for the 2022-2023 academic year please [visit the Institute website](#).

FALL 2022 COURSES OF INTEREST

Germanics

YIDD UN1101	ELEMENTARY YIDDISH I
YIDD UN1102	ELEMENTARY YIDDISH II
YIDD GU4995	Exploring Yiddishland: Culture in Time and Space

History

AMHS UN3462	IMMIGRANT NEW YORK
HIST GU4607	RABBIS FOR HISTORIANS
HIST GU4622	A Global History of Jewish Migration and the State

Middle East, South African, and Asian Studies

MDES UN1501	1ST YR MOD HEBREW:ELEM I
MDES UN2501	2ND YR MOD HEBREW:INTER I
MDES UN2517	HEBREW FOR HERITAGE SPEAKERS I
MDES GU4501	READINGS IN HEBREW TEXTS I
MDES GU4510	3RD YR MODERN HEBREW I

Jewish Studies

JWST GU4145	Topics in Israeli Cinema
JWST GU4146	Between Philosophy and Mysticism: Jewish Thought in the Middle Ages
JWST GU4990	Topics in Jewish Studies

Music

MUSI UN2030	JEWISH MUSIC IN NEW YORK
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Religion

RELI UN3318	Humor, Joy, and Happiness in Judaism
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Sociology

SOCI UN3285	ISRAELI SOC # ISR-PLS CONFLICT
SOCI GR6010	ISRAELI SOCIETY: SPEC

SPRING 2023 COURSES OF INTEREST

Comparative Literature Slavic

CLSL GU4012	Holocaust Literature: Critical Thinking
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French

FREN UN3730	Jewish Identities in France (FRENCH)
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History

HIST UN2611	JEWS # JUDAISM IN ANTIQUITY
HIST GR8132	THE JEWISH BOOK IN EARLY MOD WORLD
HIST UN3180	RELIGIOUS CONVERSION IN HIST
HIST GU4622	A Global History of Jewish Migration and the State
JWST GU4600	History of Modern Israel

Jewish Studies

SPJS UN3303	JEWISH CULTURE IN TRANSL IN MED IBERIA
JWST GU4145	Topics in Israeli Cinema

Journalism

Journalist as Historian (J6002)

Middle Eastern, South Asian and African Studies

MDES GU4502	READINGS IN HEBREW TEXTS II
MDES UN1502	1ST YR MOD HEBREW:ELEM II
MDES GU4511	3RD YR MODERN HEBREW II
MDES UN2502	2ND YR MODERN HEBREW II
MDES UN2518	HEBREW FOR HERITAGE SPEAKERS

Religion

RELI UN2312	Religion and Nasty Women
RELI UN2313	Religion and Nasty Women - Discussion

Women's Studies

WMST GU4336	GENDER AND SEXUALITY IN YIDDISH LITERATURE
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Yiddish

YIDD UN1101	ELEMENTARY YIDDISH I
YIDD UN1102	ELEMENTARY YIDDISH II
YIDD UN3520	MAGIC # MONSTERS IN YIDD LIT

ADDITIONAL COURSES, INCLUDING THOSE NOT CURRENTLY OFFERED

Germanic Languages

YIDD UN2102	INTERMEDIATE YIDDISH II
YIDD UN3333	ADVANCED YIDDISH
YIDD UN3520	MAGIC # MONSTERS IN YIDD LIT
YIDD W3550	Twentieth-Century Yiddish Literature and Film [In English]

History

HIST UN2611	JEWS # JUDAISM IN ANTIQUITY
HIST UN2628	HIST STATE OF ISRAEL, 1948-PRES
HIST UN2630	American Jewish History
HIST UN2657	Medieval Jewish Cultures
HIST UN3604	Jews and the City
HIST W4610	
HIST W4611	Jews and Muslims in the Middle Ages
HIST W4635	Ancient Jewish Texts: Leviticus Rabbah

Middle Eastern, South Asian, and African Studies

MDES UN1502	1ST YR MOD HEBREW:ELEM II
MDES UN2502	2ND YR MODERN HEBREW II
MDES W1516	Second Year Hebrew: Intensive Grammar Review
MDES UN3541	Zionism: A Cultural Perspective
CLME W3546	Intro to Hebrew Literature
MDES GU4510	3RD YR MODERN HEBREW I

Religion (Barnard)

RELI W4501	Psalms Through the Commentary of the Baal Shem Tov
RELI W4505	The Beginnings of Jewish Mysticism
RELI W4508	Jewish Philosophy and Kabbalah

Religion

RELI UN3501	Introduction To the Hebrew Bible
RELI V3512	The Bible and Its Interpreters
RELI UN3315	Readings in Kabbalah
RELI V3571	Judaism, Jewishness, and Modernity
RELI V3585	The Sephardic Experience
RELI W4507	Readings in Hasidism
RELI W4508	Jewish Philosophy and Kabbalah
RELI GU4637	TALMUDIC NARRATIVE
RELI GU4515	Reincarnation and Technology

Sociology

SOCI UN3285	ISRAELI SOC # ISR-PLS CONFLICT
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SOCI W3930	Immigration and Ethnicity in Israel
Women's Studies	
WMST BC3122	Contemporary American-Jewish Women Writers: 1990 to the Present
WMST GU4302	The Second Wave and Jewish Women's Artistic Responses: 1939-1990
WMST GU4310	CONTEM AMER JEWISH WOMEN'S LIT

LANGUAGE RESOURCE CENTER

Office: 353 International Affairs Building; 212-854-9224
<http://www.lrc.columbia.edu/>

Director: Dr. Stéphane Charitos, 353 International Affairs Building; 212-854-6341; sc758@columbia.edu

Associate Director: Piero di Porzio, 353 International Affairs Building; 212-854-3326; pdp@columbia.edu

Hours of Operation: Monday-Friday, 9 a.m.–5 p.m.

The Language Resource Center supports students throughout the course of their language study at Columbia. The LRC provides flexible physical and virtual spaces for language learning, facilitates access to resources, and connects students to language-related opportunities at Columbia and beyond. The LRC is also home to the Shared Course Initiative, which uses specialized distance classrooms for sharing several languages between Columbia, Cornell, and Yale universities. For more information on language learning at Columbia, visit lrc.columbia.edu.

AKKADIAN

All Akkadian courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

AKAD UN1101 Elementary Akkadian I. 3 points.

Introduction to cuneiform script and to the Akkadian language, with emphasis on grammatical structure.

AKAD OC1101 ELEMENTARY AKKADIAN I. 3.00 points.

Fall 2022: AKAD OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AKAD 1101	001/13296	M 11:00am - 1:45pm Room TBA	Ronald Wallenfels, Stephane Charitos	3.00	3/6

AKAD UN1102 Elementary Akkadian II. 3 points.

Introduction to cuneiform script and to the Akkadian language, with emphasis on grammatical structure.

AKAD OC1102 ELEMENTARY AKKADIAN II. 4.00 points.

Introduction to cuneiform script and to the Akkadian language, with emphasis on grammatical structure

Spring 2023: AKAD OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AKAD 1102	001/11252	M 11:00am - 12:45pm Room TBA	Ronald Wallenfels, Stephane Charitos	4.00	4/5

AKAD UN2101 Intermediate Akkadian I. 3 points.

Prerequisites: AKAD UN1101 and AKAD UN1102 or the instructor's permission.

Readings in Akkadian literature.

AKAD OC2101 INTERMEDIATE AKKADIAN I. 3.00 points.

Prerequisites: AKAD UN1101 and AKAD UN1102 or the instructor's permission. Readings in Akkadian literature

AKAD UN2102 Intermediate Akkadian II. 3 points.

Further readings in Akkadian literature

AKAD OC2102 INTERMEDIATE AKKADIAN II. 3.00 points.

Further readings in Akkadian literature

AKAD OC4102 ELEMENTARY AKKADIAN II. 3.00 points.**ANCIENT EGYPTIAN**

All Ancient Egyptian courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

EGYP OC1101 INTRO-ANCIENT EGYPTIAN LANG I. 4.00 points.

Introduction to hieroglyphics; readings in ancient Egyptian texts

EGYP UN1102 INTRO-ANCIENT EGYPTIAN LANG II. 4 points.

Introduction to hieroglyphics; readings in ancient Egyptian texts.

EGYP OC1102 INTRO-ANCIENT EGYPTIAN LANG II. 4.00 points.

Introduction to hieroglyphics; readings in ancient Egyptian texts

EGYP OC1202 ADV ANCIENT EGYPTIAN II. 4.00 points.

Spring 2023: EGYPT OC1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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EGYP 1202 001/10807	F 9:00am - 12:00pm Room TBA	Stephane Charitos, Niv Allon	4.00	0/5
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EGYP UN2101 Advanced Ancient Egyptian I. 3 points.

Corequisites: *EGYP W1101-W1102* or the instructor's permission.

Advanced readings in ancient Egyptian texts.

EGYP OC2101 ADV ANCIENT EGYPTIAN I. 3.00 points.

Fall 2022: EGYPT OC2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EGYP 2101	001/13305	F 2:00pm - 5:00pm Room TBA	Stephane Charitos, Marc LeBlanc	3.00	0/10

EGYP UN2102 Advanced Ancient Egyptian II. 3 points.

Corequisites: *EGYP W1101-W1102* or the instructor's permission.

Advanced readings in ancient Egyptian texts.

EGYP OC2102 ADV ANCIENT EGYPTIAN II. 3.00 points.**EGYP OC4112 ADVANCED EGYPTIAN LANG II. 4.00 points.****ARAMAIC**

All Aramaic courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

ARAM UN1101 Elementary Aramaic I: Biblical Aramaic. 3 points.

Prerequisites: one year of classical Hebrew or the equivalent.

Introduction to the various phases of Aramaic. Readings are selected from early and imperial documents, including Elephantine and inscriptions.

ARAM OC1101 ELEMENTARY ARAMAIC I. 3.00 points.

Spring 2023: ARAM OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARAM 1101	001/11253	T 11:00am - 1:45pm Room TBA	Lawrence Schiffman, Stephane Charitos	3.00	1/5

ARAM UN1102 Elementary Aramaic II: Qumran Aramaic. 3 points.

Prerequisites: students are encouraged but not required to take *ARAM W1101* prior to enrolling in *ARAM W1102*.

Introduction to Aramaic documents found at Qumran and contemporary sites. This represents the intermediate phase of Aramaic and Bar Kokhba texts.

ARAM OC1102 ELEMENTARY ARAMAIC II. 3.00 points.**ARAM UN2101 Intermediate Aramaic I (Syriac Aramaic). 3 points.**

Introduction to sources preserved by the early Christian communities of the ancient and medieval Near East in Syriac.

ARAM OC2101 INTERMEDIATE ARAMAIC I. 3.00 points.**ARAM OC2102 INTERMEDIATE ARAMAIC II. 3.00 points.****BENGALI****BENG UN1101 ELEMENTARY BENGALI I. 4.00 points.**

Introductory courses to Bengali, a major language of northeast India and Bangladesh

Fall 2022: BENG UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1101	001/13298	T Th 4:10pm - 6:00pm 255 International Affairs Bldg	Dwijen Bhattacharjya	4.00	17/18

BENG UN1102 ELEMENTARY BENGALI II. 4.00 points.

Introductory courses to Bengali, a major language of northeast India and Bangladesh

Spring 2023: BENG UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1102	001/10853	T Th 4:10pm - 6:00pm 255 International Affairs Bldg	Dwijen Bhattacharjya	4.00	10/15

BENG UN1202 INTERMEDIATE BENGALI II. 4.00 points.**BENG UN2101 INTERMEDIATE BENGALI I. 4.00 points.**

Prerequisites: BENG UN1101 and BENG UN1102 or the instructor's permission.

Prerequisites: BENG UN1101 and BENG UN1102 or the instructor's permission. Further develops a student's knowledge of Bengali, a major language of northeast India and Bangladesh

Fall 2022: BENG UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 2101	001/13299	T Th 6:10pm - 8:00pm 255 International Affairs Bldg	Dwijen Bhattacharjya	4.00	9/18

BENG UN2102 INTERMEDIATE BENGALI II. 4.00 points.

Prerequisites: (BENG UN1101 and BENG UN1102)

Prerequisites: (BENG UN1101 and BENG UN1102) BENG W1101-W1102 or the instructors permission. Further develops a students knowledge of Bengali, a major language of northeast India and Bangladesh

Spring 2023: BENG UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 2102	001/10858	T Th 6:10pm - 8:00pm 255 International Affairs Bldg	Dwijen Bhattacharjya	4.00	9/15

BENG UN3101 ADVANCED BENGALI I. 3.00 points.

Continuing instruction in Bengali at the advanced level focusing on conversation, interview, and discussion skills. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

Fall 2022: BENG UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 3101	001/13300		Stephane Charitos	3.00	1/15

BENG UN3102 ADVANCED BENGALI II. 3.00 points.

Continuing instruction in Bengali at the advanced level focusing on conversation, interview, and discussion skills. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

Spring 2023: BENG UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 3102	001/10856		Stephane Charitos	3.00	1/5

CANTONESE**CANT UN1101 Elementary Cantonese I. 4 points.**

This course introduces students to both the spoken and written Cantonese language, with achieving conversational proficiency being a primary goal. The course emphasizes oral expressions, listening comprehension, and grammar. It is designed to give beginning students a practical command of the language. Upon completion of the course, students can expect to converse in simple sentences, and recognize and write about 350 Chinese characters. Students with passable conversation ability or native speakers from Cantonese-speaking communities should not enroll in this course. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

CANT OC1101 ELEMENTARY CANTONESE I. 4.00 points.

This course introduces students to both the spoken and written Cantonese language, with achieving conversational proficiency being a primary goal. The course emphasizes oral expressions, listening comprehension, and grammar. It is designed to give beginning students a practical command of the language. Upon completion of the course, students can expect to converse in simple sentences, and recognize and write about 350 Chinese characters. Students with passable conversation ability or native speakers from Cantonese-speaking communities should not enroll in this course. Note: This course is part of the language

exchange program with New York University (NYU). Classes will be held at NYU

Fall 2022: CANT OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1101	001/13302	M T W Th 9:30am - 10:45am Room TBA	Stephane Charitos, Fiona Hui	4.00	2/5
CANT 1101	002/13303	M T W Th 12:30pm - 1:45pm Room TBA	Stephane Charitos, Fiona Hui	4.00	3/5

CANT UN1102 Elementary Cantonese II. 4 points.

This course introduces students to both the spoken and written Cantonese language, with achieving conversational proficiency being a primary goal. The course emphasizes oral expressions, listening comprehension, and grammar. It is designed to give beginning students a practical command of the language. Upon completion of the course, students can expect to converse in simple sentences, and recognize and write about 350 Chinese characters. Students with passable conversation ability or native speakers from Cantonese-speaking communities should not enroll in this course. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

CANT OC1102 ELEMENTARY CANTONESE II. 4.00 points.

This course introduces students to both the spoken and written Cantonese language, with achieving conversational proficiency being a primary goal. The course emphasizes oral expressions, listening comprehension, and grammar. It is designed to give beginning students a practical command of the language. Upon completion of the course, students can expect to converse in simple sentences, and recognize and write about 350 Chinese characters. Students with passable conversation ability or native speakers from Cantonese-speaking communities should not enroll in this course. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

Spring 2023: CANT OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1102	001/10815	T W Th 12:30pm - 1:45pm Room TBA	Stephane Charitos, Fiona Hui	4.00	5/5

CANT UN1202 INTERMEDIATE CANTONESE II. 4.00 points.

Spring 2023: CANT UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1202	001/10840	T W Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Fiona Hui	4.00	0/5

CANT UN2101 INTERMEDIATE CANTONESE I. 4.00 points.

Prerequisites: (CANT W1101 and CANT UN1102) CANT W1101-W1102 or the instructor's permission.

Prerequisites: (CANT W1101 and CANT UN1102) CANT W1101-W1102 or the instructor's permission. This course further continues the study of the Cantonese language.

Emphasis is on linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language, but also incorporate discussions on history, current events, literature, popular culture, and native values. Includes field trips to Chinatown and other Cantonese-speaking neighborhoods. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

Fall 2022: CANT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 2101	001/13304	M T W Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Fiona Hui	4.00	0/5

CANT UN2102 INTERMEDIATE CANTONESE II. 4.00 points.

Prerequisites: CANT W1101-W1102 or the instructors permission. This course further continues the study of the Cantonese language. Emphasis is on linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language, but also incorporate discussions on history, current events, literature, popular culture, and native values. Includes field trips to Chinatown and other Cantonese-speaking neighborhoods. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

FILIPINO

FILI OC1101 ELEMENTARY FILIPINO I. 4.00 points.

Introduction to Filipino with an emphasis on mastering basic skills and working vocabulary. Linguistic rules are applied to enable the student to communicate with more competence. Lessons incorporate discussions on history, current events, literature, pop culture, and native values. Includes field trips to Filipino neighborhoods in Queens and Jersey City. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

Fall 2022: FILI OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1101	001/13306	M W 2:00pm - 4:45pm Room TBA	Stephane Charitos, Agnes Magtoto	4.00	4/5

FILI UN1102 Elementary Filipino II. 4 points.

Introduction to Filipino with an emphasis on mastering basic skills and working vocabulary. Linguistic rules are applied to enable the student to communicate with more competence. Lessons incorporate discussions on history, current events, literature, pop culture, and native values. Includes field trips to Filipino neighborhoods in Queens and Jersey City. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

FILI OC1102 ELEMENTARY FILIPINO II. 4.00 points.

Introduction to Filipino with an emphasis on mastering basic skills and working vocabulary. Linguistic rules are applied to enable the student to communicate with more competence. Lessons incorporate discussions on history, current events, literature, pop culture, and native values. Includes field trips to Filipino neighborhoods in Queens and Jersey City. Note: This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

Spring 2023: **FILI OC1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1102	001/10821	M W 2:00pm - 4:45pm Room TBA	Stephane Charitos, Agnes Magtoto	4.00	3/5

FILI OC1202 INTERMEDIATE FILIPINO II. 4.00 points.**FILI OC2101 INTERMEDIATE FILIPINO I. 4.00 points.**

Prerequisites: *FILI W1101-W1102* or the instructor's permission. Emphasis is placed on the linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language but also will use a holistic approach and incorporate discussions on history, current events, literature, pop culture, and native values. Note: This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

Fall 2022: **FILI OC2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 2101	001/13307	T Th 2:00pm - 4:45pm Room TBA	Stephane Charitos, Luis Francia	4.00	1/5

FILI UN2102 Intermediate Filipino II. 4 points.

Prerequisites: *FILI W1101-W1102* or the instructor's permission.

Emphasis is placed on the linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language but also will use a holistic approach and incorporate discussions on history, current events, literature, pop culture, and native values. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

FILI OC2102 INTERMEDIATE FILIPINO II. 4.00 points.

Prerequisites: *FILI W1101-W1102* or the instructors permission. Emphasis is placed on the linguistic rules to enable students to communicate with more competence. The lessons will not only focus on language but also will use a holistic approach and incorporate discussions on history, current events, literature, pop culture, and native values. Note: This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

Spring 2023: **FILI OC2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 2102	001/10844	T Th 2:00pm - 4:45pm	Stephane Charitos,	4.00	2/5

Room TBA

Luis
Francia

INDONESIAN**INDO UN1101 ELEMENTARY INDONESIAN I. 4.00 points.**

This course offers students an introduction to the basic structures of Bahasa Indonesia, a major language of Indonesia and South East Asia

Fall 2022: **INDO UN1101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1101	001/13308	M W 9:00am - 10:50am 254 International Affairs Bldg	Stephane Charitos, Komang Yudistir Nugraha	4.00	7/10

INDO UN1102 ELEMENTARY INDONESIAN II. 4.00 points.

This course offers students an introduction to the basic structures of Bahasa Indonesia, a major language of Indonesia and South East Asia

Spring 2023: **INDO UN1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1102	001/10860	M W 9:00am - 10:50am 254 International Affairs Bldg	Stephane Charitos, Komang Yudistir Nugraha	4.00	5/15

INDO UN1202 INTERMEDIATE INDONESIAN II. 4.00 points.**INDO UN2101 INTERMEDIATE INDONESIAN I. 4.00 points.**

Prerequisites: *INDO W1101-W1102* or the instructor's permission. This course further develops a student's knowledge of Bahasa Indonesia, a major language of Indonesia and South East Asia

Fall 2022: **INDO UN2101**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 2101	001/13309	T Th 11:15am - 1:05pm 253 International Affairs Bldg	Stephane Charitos, Komang Yudistir Nugraha	4.00	2/10

INDO UN2102 INTERMED. INDONESIAN II. 4.00 points.

Prerequisites: *INDO W1101-W1102* or the instructor's permission.

Prerequisites: *INDO W1101-W1102* or the instructors permission. This course further develops a students knowledge of Bahasa Indonesia, a major language of Indonesia and South East Asia

Spring 2023: **INDO UN2102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 2102	001/10859	T Th 11:15am - 1:05pm	Stephane Charitos,	4.00	6/15

506 Lewisohn Hall Komang
Yudistir
Nugraha

INDO UN3101 ADVANCED INDONESIAN I. 3.00 points.

This course offers students the opportunity to practice advanced structures of Bahasa Indonesia, a major language of Indonesia and South East Asia. This course is offered by videoconferencing from Cornell as part of the Shared Course Initiative

Fall 2022: INDO UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 3101	001/13310			3.00	0/15

INDO UN3102 ADVANCED INDONESIAN II. 3.00 points.

This course offers students the opportunity to practice advanced structures of Bahasa Indonesia, a major language of Indonesia and South East Asia. This course is offered by videoconferencing from Cornell as part of the Shared Course Initiative

Spring 2023: INDO UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 3102	001/10861		Stephane Charitos	3.00	1/5

IRISH

All Irish courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

IRSH UN1101 Elementary Irish I. 4 points.

This course introduces students to the rudiments of the Irish language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. In addition, a history of the language is provided, as well as a general introduction to Irish culture, including discussions of family and place names. Students are encouraged to begin speaking with basic sentence structures, eventually expanding into more complex verbal conjugations while concentrating on idiomatic expressions. The accumulation of vocabulary is stressed and students are introduced to basic literature in Irish while developing beginning conversational fluency.

IRSH OC1101 ELEMENTARY IRISH I. 4.00 points.

This course introduces students to the rudiments of the Irish language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. In addition, a history of the language is provided, as well as a general introduction to Irish culture, including discussions of family and place names. Students are encouraged to begin speaking with basic sentence structures, eventually expanding into more complex verbal conjugations while concentrating on idiomatic expressions. The accumulation of vocabulary is stressed and students are introduced to basic literature in Irish while developing beginning conversational fluency

Fall 2022: IRSH OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1101	001/13311	T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4.00	0/5
IRSH 1101	002/13312	T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4.00	3/5

Spring 2023: IRSH OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1101	001/11257	T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4.00	1/5

IRSH UN1102 Elementary Irish II. 4 points.

This course introduces students to the rudiments of the Irish language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. In addition, a history of the language is provided, as well as a general introduction to Irish culture, including discussions of family and place names. Students are encouraged to begin speaking with basic sentence structures, eventually expanding into more complex verbal conjugations while concentrating on idiomatic expressions. The accumulation of vocabulary is stressed and students are introduced to basic literature in Irish while developing beginning conversational fluency.

IRSH OC1102 ELEMENTARY IRISH II. 4.00 points.

This course introduces students to the rudiments of the Irish language, including phonemes and pronunciation, syntactical structure, and verbal conjugations. In addition, a history of the language is provided, as well as a general introduction to Irish culture, including discussions of family and place names. Students are encouraged to begin speaking with basic sentence structures, eventually expanding into more complex verbal conjugations while concentrating on idiomatic expressions. The accumulation of vocabulary is stressed and students are introduced to basic literature in Irish while developing beginning conversational fluency

Fall 2022: IRSH OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1102	001/13313	M W 2:00pm - 3:15pm Room TBA		4.00	0/3

Spring 2023: IRSH OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1102	001/10829	T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4.00	1/5

IRSH UN2101 Intermediate Irish I. 4 points.

Prerequisites: IRSH UN1101 and IRSH UN1102 or the instructor's permission.

For the more advanced student of Irish, this course focuses on improving conversational fluency and on expanding vocabulary through reading complex literature in Irish, and writing in the Irish language, further encouraging students to strengthen their pronunciation and command of spoken Irish.

IRSH OC2101 INTERMEDIATE IRISH I. 4.00 points.

Prerequisites: IRSH W1101-W1102 or the instructor's permission. For the more advanced student of Irish, this course focuses on improving conversational fluency and on expanding vocabulary through reading complex literature in Irish, and writing in the Irish language, further encouraging students to strengthen their pronunciation and command of spoken Irish

IRSH UN2102 Intermediate Irish II. 4 points.

Prerequisites: (IRSH UN1101 and IRSH UN1102) *IRSH UN1101-UN1102* or the instructor's permission.

For the more advanced student of Irish, this course focuses on improving conversational fluency and on expanding vocabulary through reading complex literature in Irish, and writing in the Irish language, further encouraging students to strengthen their pronunciation and command of spoken Irish.

IRSH OC2102 INTERMEDIATE IRISH II. 4.00 points.

Prerequisites: (IRSH UN1101 and IRSH UN1102) *IRSH UN1101-UN1102* or the instructors permission. For the more advanced student of Irish, this course focuses on improving conversational fluency and on expanding vocabulary through reading complex literature in Irish, and writing in the Irish language, further encouraging students to strengthen their pronunciation and command of spoken Irish

KHMER

KHMR UN1101 Elementary Khmer I. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Khmer, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

KHMR OC1101 ELEMENTARY KHMER I. 4.00 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Khmer, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative

Fall 2022: KHMR OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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KHMR 001/13314
1101

Stephane 4.00 1/15
Charitos

KHMR UN1102 Elementary Khmer II. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Khmer, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

KHMR OC1102 ELEMENTARY KHMER II. 4.00 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Khmer, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative

Spring 2023: KHMR OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KHMR 1102	001/11260		Stephane Charitos	4.00	1/5

KHMR UN2101 Intermediate Khmer I. 4 points.

Prerequisites: *KHMR W1101-W1102* or the instructor's permission.

In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Khmer literature and learn how to read and comprehend basic Khmer texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic, and cultural events and issues in Cambodia. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

KHMR UN2102 Intermediate Khmer II. 4.00 points.

This course focuses on learning Khmer (the national language of Cambodia) for students who have completed Intermediate Khmer I. Students will be able to communicate in every day conversation using complex questions/answers. The course focuses on reading, writing, speaking, and listening to Khmer words, long sentences, and texts. The course is also emphasized on grammar, sentence structure and their use in the right context. This course is applied to persons who want to continue to learn Khmer and want to pursue the language study in the future

KREYOL

KREY UN1101 Elementary Haitian Kreyol I. 4 points.

This course introduces students to the language of Haitian Kreyòl, also called Creole, and is intended for students with little or no prior knowledge of the language. Haitian Kreyòl is spoken by Haiti's population of nine million and by about one million Haitians in the U.S. Including over 190,000 in the New York City area. In fact, New York City has the second largest population of Kreyòl Speakers after Port--au--Prince, Haiti's capital. Through this course, you will develop introductory speaking, reading, and writing skills. We use a communicative approach, balanced with grammatical and phonetic techniques. Classroom and textbook materials are complemented by work with film, radio, and especially music (konpa, rasin, twoubadou, rap, raga, levanjil, vodou tradisyonèl, etc.), as well as with visits to city museums and institutions related to Haiti. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

KREY OC1101 ELEMENTARY HAITIAN KREYOL I. 4.00 points.

This course introduces students to the language of Haitian Kreyòl, also called Creole, and is intended for students with little or no prior knowledge of the language. Haitian Kreyòl is spoken by Haiti's population of nine million and by about one million Haitians in the U.S. Including over 190,000 in the New York City area. In fact, New York City has the second largest population of Kreyòl Speakers after Port--au--Prince, Haiti's capital. Through this course, you will develop introductory speaking, reading, and writing skills. We use a communicative approach, balanced with grammatical and phonetic techniques. Classroom and textbook materials are complemented by work with film, radio, and especially music (konpa, rasin, twoubadou, rap, raga, levanjil, vodou tradisyonèl, etc.), as well as with visits to city museums and institutions related to Haiti. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

Fall 2022: KREY OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KREY 1101	001/15916	M W F 12:30pm - 1:45pm Room TBA	Stephane Charitos, Wynnne Lamour	4.00	0/5

KREY UN1102 Elementary Haitian Kreyol II. 4 points.

This course introduces students to the language of Haitian Kreyòl, also called Creole, and is intended for students with little or no prior knowledge of the language. Haitian Kreyòl is spoken by Haiti's population of nine million and by about one million Haitians in the U.S. Including over 190,000 in the New York City area. In fact, New York City has the second largest population of Kreyòl Speakers after Port--au--Prince, Haiti's capital. Through this course, you will develop introductory speaking, reading, and writing skills. We use a communicative approach, balanced with grammatical and phonetic techniques.

Classroom and textbook materials are complemented by work with film, radio, and especially music (konpa, rasin, twoubadou, rap, raga, levanjil, vodou tradisyonèl, etc.), as well as with visits to city museums and institutions related to Haiti. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU.

KREY OC1102 ELEMENTARY HAITIAN KREYOL II. 4.00 points.

This course introduces students to the language of Haitian Kreyòl, also called Creole, and is intended for students with little or no prior knowledge of the language. Haitian Kreyòl is spoken by Haiti's population of nine million and by about one million Haitians in the U.S. Including over 190,000 in the New York City area. In fact, New York City has the second largest population of Kreyòl Speakers after Port--au--Prince, Haiti's capital. Through this course, you will develop introductory speaking, reading, and writing skills. We use a communicative approach, balanced with grammatical and phonetic techniques. Classroom and textbook materials are complemented by work with film, radio, and especially music (konpa, rasin, twoubadou, rap, raga, levanjil, vodou tradisyonèl, etc.), as well as with visits to city museums and institutions related to Haiti. **Note:** This course is part of the language exchange program with New York University (NYU). Classes will be held at NYU

Spring 2023: KREY OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KREY 1102	001/10825	M W F 12:30pm - 1:45pm Room TBA	Stephane Charitos, Wynnne Lamour	4.00	0/5

KREY OC2101 INTERMEDIATE HAITIAN KREYOL I. 4.00 points.

Intermediate Haitian Creole I is intended to continue the material covered in Elementary Haitian Creole I and II. It is intended for students who already have a strong comprehension of the grammar, sounds, and vocabulary of Haitian Creole. The course is taught primarily in Haitian Creole. Students are guided to a more advanced level of the Haitian Creole language to further develop speaking, reading, writing, and listening comprehension skills. A communicative approach is used and class materials are complemented by work with film, radio, and music (konpa, rasin, twoubadou, rap, raga, levanjil, vodou tradisyonèl, etc.), as well as with visits to city museums and other cultural institutions

Fall 2022: KREY OC2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KREY 2101	001/18134	M W F 11:00am - 12:15pm Room TBA	Stephane Charitos, Wynnne Lamour	4.00	0/5

KREY OC2102 INTERMEDIATE HAITIAN KREYOL II. 4.00 points.

Intermediate Haitian Creole II is intended to continue the material covered in Elementary Haitian Creole I and II. It is intended for students who already have a strong comprehension of the grammar, sounds, and vocabulary of Haitian Creole. The course is taught primarily in Haitian Creole. Students are guided to a more advanced level of the Haitian Creole language to further develop speaking, reading, writing, and listening comprehension skills. A communicative approach is used and class materials are complemented by work with film, radio, and music (konpa, rasin, twoubadou, rap, raga, levanjil, vodou tradisyonèl, etc.),

Spring 2023: KREY OC2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KREY 2102	001/10849	M W F 11:00am - 12:15pm Room TBA	Stephane Charitos, Wynnne Lamour	4.00	0/5

PULAAR**PULA UN1101 Elementary Pulaar I. 4 points.**

This course offers students an introduction to the basic structures of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN1102 Elementary Pulaar II. 4 points.

This course offers students an introduction to the basic structures of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN2101 Intermediate Pulaar I. 3 points.

Prerequisites: *PULA W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN2102 Intermediate Pulaar II. 4 points.

Prerequisites: *PULA W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PUNJABI**PUNJ UN1101 ELEMENTARY PUNJABI I. 4.00 points.**

Introduction to Punjabi, a major language of northern India and Pakistan. Beginning with the study of the Gurmukhi script, the course offers an intensive study of the speaking, reading, and writing of the language

Fall 2022: PUNJ UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1101	001/13315	M W 6:10pm - 8:00pm Room TBA	Sandeep Singh	4.00	14/12

PUNJ UN1102 ELEMENTARY PUNJABI II. 4.00 points.

Prerequisites: Shared course. Contact ck2831@columbia.edu for more Info.

Prerequisites: Shared course. Contact ck2831@columbia.edu for more Info. Introduction to Punjabi, a major language of northern India and Pakistan. Beginning with the study of the Gurmukhi script, the course offers an intensive study of the speaking, reading, and writing of the language

Spring 2023: PUNJ UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1102	001/10862	M W 6:10pm - 8:00pm 352c International Affairs Bldg	Sandeep Singh	4.00	8/15

PUNJ UN2101 INTERMEDIATE PUNJABI I. 4.00 points.

Prerequisites: *PUNJ W1101-W1102* or the instructor's permission. Further develops a student's writing, reading, and oral skills in Punjabi, a major language of northern India and Pakistan

Fall 2022: PUNJ UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 2101	001/13316	M W 4:10pm - 6:00pm Room TBA	Sandeep Singh	4.00	3/15

PUNJ UN2102 INTERMEDIATE PUNJABI II. 4.00 points.

Prerequisites: *PUNJ W1101-W1102* or the instructor's permission.

Prerequisites: *PUNJ W1101-W1102* or the instructors permission. Further develops a students writing, reading, and oral skills in Punjabi, a major language of northern India and Pakistan

Spring 2023: PUNJ UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 2102	001/10863	M W 4:10pm - 6:00pm 351c International Affairs Bldg	Sandeep Singh	4.00	3/15

QUECHUA

All Quechua courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

QUCH UN1101 Elementary Quechua I. 4 points.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language runa simi or runa shimi, "human speech." It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into

national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

QUCH OC1101 ELEMENTARY QUECHUA I. 4.00 points.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language *runa simi* or *runa shimi*, human speech. It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

Fall 2022: QUCH OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1101	001/15057	M W F 9:30am - 10:45am Room TBA		4.00	3/5

Spring 2023: QUCH OC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1101	001/10834	M W F 9:30am - 10:45am Room TBA	Stephane Charitos	4.00	2/5

QUCH UN1102 Elementary Quechua II. 4 points.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language *runa simi* or *runa shimi*, "human speech." It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive

summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

QUCH OC1102 ELEMENTARY QUECHUA II. 4.00 points.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language *runa simi* or *runa shimi*, human speech. It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

Fall 2022: QUCH OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1102	001/13317	M W F 11:00am - 12:15pm Room TBA	Stephane Charitos	4.00	0/5

Spring 2023: QUCH OC1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1102	001/10837	M W F 11:00am - 12:15pm Room TBA	Stephane Charitos	4.00	2/5

QUCH OC1202 INTERMEDIATE QUECHUA II. 4.00 points.

Spring 2023: QUCH OC1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1202	001/10848	M W F 2:00pm - 3:15pm Room TBA	Stephane Charitos	4.00	0/5

QUCH UN2101 Intermediate Quechua I. 4 points.

Prerequisites: *QUCH W1101-W1102* or the instructor's permission.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language *runa simi* or *runa shimi*, "human speech." It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which

indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

QUCH OC2101 INTERMEDIATE QUECHUA I. 4.00 points.

Prerequisites: QUCH W1101-W1102 or the instructor's permission. Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language *runa simi* or *runa shimi*, human speech. It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

Fall 2022: QUCH OC2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 2101	001/13318	M W F 2:00pm - 3:15pm Room TBA		4.00	1/5

QUCH UN2102 Intermediate Quechua II. 4 points.

Prerequisites: *QUCH W1101-W1102* or the instructor's permission.

Quechua is the most important and most widely-distributed indigenous language in South America, with over 10 million speakers living from the high mountains to the tropical lowlands in Colombia, Ecuador, Peru, Bolivia, Chile, and Argentina. Those who speak it call the language *runa simi* or *runa shimi*, "human speech." It was the principal language of the Inca empire and the key language of cultural interaction during the colonial era. Quechua has remained central to indigenous peoples' efforts to preserve their cultural autonomy. It has gained greater force in recent years, during which indigenous movements have swept Quechua speakers into national politics, where they have succeeded in transforming constitutions to recognize cultural diversity, making Quechua an official language of state, and successfully promoting schooling in the language. Students who satisfactorily complete Elementary Quechua I and II will be well-prepared for intensive

summer study at one of many summer study abroad programs in Ecuador, Peru, and Bolivia that will put them in closer contact with the indigenous world.

ROMANIAN

RMAN UN1101 ELEMENTARY ROMANIAN I. 4.00 points.

Provides students with an introduction to the basic structures of the Romanian language

RMAN UN1102 ELEMENTARY ROMANIAN II. 4.00 points.

Provides students with an introduction to the basic structures of the Romanian language

RMAN UN2101 INTERMEDIATE ROMANIAN I. 4.00 points.

Prerequisites: RMAN W1101-W1102 or the instructor's permission. Further explores the grammatical and linguistic structures of the Romanian language

RMAN UN2102 Intermediate Romanian II. 4 points.

Prerequisites: *RMAN W1101-W1102* or the instructor's permission.

Further explores the grammatical and linguistic structures of the Romanian language.

RMAN GU4002 Romanian Culture, Identity and Complexes. 3 points.

This course addresses the main problems that contribute to the making of Romanian identity, as fragmented or as controversial as it may seem to those who study it. The aim is to become familiar with the deepest patterns of Romanian identity, as we encounter it today, either in history, political studies, fieldwork in sociology or, simply, when we interact with Romanians. By using readings and presentations produced by Romanian specialists, we aim to be able to see the culture with an "insider's eye", as much as we can. This perspective will enable us to develop mechanisms of understanding the Romanian culture and mentality independently, at a more profound level and to reason upon them.

RMAN GU4003 Byzantine and Post-Byzantine Elements of Romanian Culture. 3 points.

Prerequisites: Reading knowledge of Romanian and French ...The Byzantine as "post-Romantic", as "eclectic", "Oriental", in its version of localized, picturesque, intra-European Orientalism appears less explored and probably less considered of importance when trying to understand the intricacies of a culture and, by expanding it, of culture in general. Our explorations of Byzantine/Byzantinism will help us develop a subtler understanding of the mechanisms of the cultural equation West/Orient and of the cultural hierarchies....

SINHALA

SINH UN1101 ELEMENTARY SINHALA I. 4.00 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Sinhala, including greetings, likes/dislikes, telling about

yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative

Fall 2022: SINH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 1101	001/13319		Stephane Charitos	4.00	1/15

SINH UN1102 Elementary Sinhala II. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Sinhala, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

SINH UN2101 INTERMEDIATE SINHALA I. 4.00 points.

Prerequisites: SINH W1101-1102 or the instructor's permission. In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Sinhala literature and learn how to read and comprehend basic Sinhala texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic, and cultural events and issues in Sri Lanka. The class uses a highly interactive classroom style supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative

Fall 2022: SINH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 2101	001/13320		Stephane Charitos	4.00	0/15

SINH UN2102 Intermediate Sinhala II. 4 points.

Prerequisites: SINH W1101-1102 or the instructor's permission. In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Sinhala literature and learn how to read and comprehend basic Sinhala texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic, and cultural events and issues in Sri Lanka. The class uses a highly interactive classroom style supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

SINH UN3998 SUPERVISED READINGS II. 1.00 point.

SINH UN3999 SUPERVISED READINGS II. 1.00 point.

TWI (AKAN)

TWI UN1101 ELEMENTARY TWI (AKAN) I. 4.00 points.

This course is designed as the first part of an elementary language sequence. It is designed for students who will be introduced to the basic structure of Twi and the culture of the Akan-Twi-speaking people. Instruction is in the target language with an expected proficiency goal of Novice Mid at the end of the semester. Students will be introduced to basic grammar and communicative skills as well as cultural activities. This will be reinforced through role plays, conversations, dialogues and songs. At the end of the course, students are expected to acquire basic grammar competence and be able to use appropriate expressions for everyday situations with an understanding and appreciation of the culture of the Akan people in Ghana, West Africa. In addition to Asante Twi, students will be exposed to Akuapem Twi and Fante

TWI UN1102 ELEMENTARY TWI (AKAN) II. 4.00 points.

This course is designed as the second part of an elementary language sequence. It is designed for students who will be introduced to the basic structure of Twi and the culture of the Akan-Twi-speaking people. Instruction is in the target language with an expected proficiency goal of Novice Mid at the end of the semester. Students will be introduced to basic grammar and communicative skills as well as cultural activities. This will be reinforced through role plays, conversations, dialogues and songs. At the end of the course, students are expected to acquire basic grammar competence and be able to use appropriate expressions for everyday situations with an understanding and appreciation of the culture of the Akan people in Ghana, West Africa. In addition to Asante Twi, students will be exposed to Akuapem Twi and Fante

TWI UN2101 Intermediate Twi I. 4.00 points.

This course is a continuation of TWI 102. It builds on the basic Twi structures acquired in TWI 101 # TWI 102. Students will continue to build on their vocabulary through short readings and dialogues. It continues to focus on communicative skills and cultural awareness. By the end of the course, learners are expected to reach proficiency level ranging between Intermediate Low and Intermediate Mid. In addition to Asante Twi, students will be exposed to Akuapem Twi and Fante

Fall 2022: TWI UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TWI 2101	001/13321	M T W Th 12:30pm - 1:20pm Room TBA	Stephane Charitos, Hannah Essien	4.00	2/3

UZBEK

UZBK UN1101 Elementary Uzbek I. 4 points.

Not offered during 2022-23 academic year.

This course offers students an introduction to the basic structures of Uzbek, a major language of Central Asia.

UZBK UN1102 Elementary Uzbek II. 4 points.
Not offered during 2022-23 academic year.

This course offers students an introduction to the basic structures of Uzbek, a major language of Central Asia.

UZBK UN2101 Intermediate Uzbek I. 4 points.
Not offered during 2022-23 academic year.

Prerequisites: *UZBK W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Uzbek, a major language of Central Asia.

UZBK UN2102 Intermediate Uzbek II. 4 points.
Not offered during 2022-23 academic year.

Prerequisites: *UZBK W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Uzbek, a major language of Central Asia.

YORUBA

YORU UN1101 ELEMENTARY YORUBA I. 4.00 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Yoruba, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative

Fall 2022: YORU UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 1101	001/13322	M T W Th 10:10am - 11:00am Room TBA	Stephane Charitos	4.00	4/15

YORU UN1102 Elementary Yoruba II. 4 points.

This course is designed to bring students with no background to a point where they can perform most basic linguistic functions in Yoruba, including greetings, likes/dislikes, telling about yourself, describing places and situations, all in appropriate time frames. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

YORU UN2101 INTERMEDIATE YORUBA I. 4.00 points.

Prerequisites: YORU W1101-W1102 or the instructor's permission. In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Yoruba literature and learn how to read and

comprehend basic Yoruba texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic and, cultural events and issues in Nigeria. The class uses a highly interactive classroom style, supplemented by extensive use of video - both prepared and student-produced - and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative

Fall 2022: YORU UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 2101	001/13326	M T W Th 9:10am - 10:00am Room TBA	Stephane Charitos	4.00	3/15

YORU UN2102 Intermediate Yoruba II. 4 points.

Prerequisites: *YORU W1101-W1102* or the instructor's permission.

In this course, learners will continue practicing all four language skills through every day dialogues, writing letters, and describing basic situations. In addition, they will be introduced to Yoruba literature and learn how to read and comprehend basic Yoruba texts, such as newspaper articles. Finally, they will be introduced to current affairs as well as social, artistic and, cultural events and issues in Nigeria. The class uses a highly interactive classroom style, supplemented by extensive use of video – both prepared and student-produced – and other computer-assisted tools. Please note this course is offered by videoconferencing from Cornell as part of the Shared Course Initiative.

YORU UN3101 ADVANCED YORUBA I. 3.00 points.

Fall 2022: YORU UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 3101	001/13329		Stephane Charitos	3.00	0/15

YORU UN3102 ADVANCED YORUBA II. 3.00 points.

Spring 2023: YORU UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 3102	001/11857		Stephane Charitos	3.00	0/9

YORU UN3997 SUPERVISED READINGS I. 2.00 points.

Fall 2022: YORU UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YORU 3997	001/20249			2.00	1/1

ZULU

All Zulu courses are offered by video-conferencing from Yale as part of the Shared Course Initiative.

ZULU UN1101 ELEMENTARY ZULU I. 4.00 points.

Introduces students to the basic structures of Zulu, a Bantu language spoken in South Africa, especially in the Zululand area of KwaZulu/Natal province

Fall 2022: ZULU UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1101	001/13327	M T W Th 11:35am - 12:25pm Room TBA	Stephane Charitos	4.00	4/15

ZULU UN1102 ELEMENTARY ZULU II. 4.00 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

Prerequisites: *ZULU W1201-W1202* or the instructors permission. Introduces students to the basic structures of Zulu, a Bantu language spoken in South Africa, especially in the Zululand area of KwaZulu/Natal province

Spring 2023: ZULU UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1102	001/11855	M T W Th F 11:35am - 12:25pm 351c International Affairs Bldg	Stephane Charitos, Nandipa Sipengane	4.00	4/5

ZULU UN2101 INTERMEDIATE ZULU I. 4.00 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission. Provides students with an in-depth review of the essentials of the Zulu grammar. Students are also able to practice their language skills in conversation

Fall 2022: ZULU UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 2101	001/13328	M T W Th 9:25am - 10:15am Room TBA	Stephane Charitos	4.00	1/15

ZULU UN2102 INTERMEDIATE ZULU II. 4.00 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

Prerequisites: *ZULU W1201-W1202* or the instructors permission. Provides students with an in-depth review of the essentials of the Zulu grammar. Students are also able to practice their language skills in conversation

Spring 2023: ZULU UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 2102	001/11854	M T W Th F 9:25am - 10:15am 351b International Affairs Bldg	Stephane Charitos, Nandipa Sipengane	4.00	1/5

ZULU UN3101 ADVANCED ZULU I. 3.00 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission. This course allows students to practice advanced structures of the Zulu language. Please note this course is offered by videoconference from Yale through the Shared Course Initiative

Fall 2022: ZULU UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ZULU 3101	001/13330	M W 1:00pm - 2:15pm Room TBA	Stephane Charitos	3.00	0/15
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ZULU UN3102 ADVANCED ZULU II. 3.00 points.

Prerequisites: *ZULU W1201-W1202* or the instructor's permission.

Prerequisites: *ZULU W1201-W1202* or the instructors permission. This course allows students to practice advanced structures of the Zulu language. Please note this course is offered by videoconference from Yale through the Shared Course Initiative

Spring 2023: ZULU UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 3102	001/11853		Stephane Charitos, Nandipa Sipengane	3.00	0/5

LATIN AMERICAN AND CARIBBEAN STUDIES

The Institute of Latin American Studies: 8th Floor, International Affairs Building; 212-854-4643
<http://ilas.columbia.edu>

Program Director: Prof. M. Victoria Murillo, 832 International Affairs Building; mm2140@columbia.edu

Senior Manager of Business & Student Affairs: Eliza Kwon-Ahn, 827 International Affairs Building; ek2159@columbia.edu

The major in Latin American and Caribbean Studies stresses knowledge of a dynamic, historically deep and extensive region, but it also focuses on social, political, and cultural phenomena that transcend physical boundaries. The major thus reflects multidisciplinary dialogues that are transnational yet remain anchored in the common historical experience of Latin American societies. Thanks to the broad range of courses on Latin America offered in different departments of instruction and centers at Columbia, the major provides a multidisciplinary training on politics, history, culture, economy and society.

The Institute of Latin American Studies coordinates the major and offers access to research support, study abroad options, and linkages and credits toward the M.A. program in Latin American and Caribbean studies.

AFFILIATED FACULTY

Bruno Bosteels (Latin American and Iberian Cultures)

Amy Chazkel (History)

Alan Dye (Economics, Barnard)

Frank Guridy (History)

Maja Horn (Spanish and Latin American Cultures, Barnard)

Ana Paula Huback (Latin American and Iberian Cultures)

Ana Paulina Lee (Latin American and Iberian Cultures)

Natasha Lightfoot (History)

Claudio Lomnitz (Anthropology)
Nara Milanich (History, Barnard)
Eduardo Moncada (Political Science, Barnard)
Jose Moya (History, Barnard)
M. Victoria Murillo (Political Science)
Frances Negron-Muntaner (Comparative Literature)
Joao Nemi Neto (Latin American and Iberian Cultures)
Ana Maria Ochoa (Music)
Pablo Piccato (History)
Caterina Pizzigoni (History)
Michael T. Taussig (Anthropology)

GUIDELINES FOR ALL LATIN AMERICAN AND CARIBBEAN STUDIES MAJORS AND CONCENTRATORS

Declaring the Major or Concentration

For additional information on Latin American and Caribbean Studies, please visit the Institute's [website](#) or contact Eliza Kwon-Ahn, Senior Manager of Business & Student Affairs, at ek2159@columbia.edu. Please note: major and concentration requirements were updated November, 2019.

MAJOR IN LATIN AMERICAN AND CARIBBEAN STUDIES

The major requires a minimum of 31 points as follows:

Select five of the following fourteen courses. One of these courses must be Latin American Civilization I (HIST UN2660), Latin American Civilization II (HIST UN2661) or Primary Texts in Latin American Civilization (LACV UN1020):

CLEN GU4644	REVOLUTION IN/ON THE CARIBBEAN
HIST UN1786	History of the City in Latin America
HIST UN2618	The Modern Caribbean
HIST UN2660	LATIN AMERICAN CIVILIZATION I
HIST UN2661	LATIN AMERICAN CIVILIZATION II
HIST BC2664	FAMILIES LATIN AMERICA
HIST BC2676	LATIN AMERICA: MIGRATION, RACE, AND ETHNICITY
HIST BC2681	WOMEN AND GENDER IN LATIN AMERICA
HIST GU4301	Politics and Justice in Latin America through Crime Fiction
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
POLS UN3560	PLCS URBAN DEV LATIN AMERICA

POLS UN3565	DRUGS # POLITICS IN AMERICAS
POLS GU4461	Latin American Politics
SPAN UN3300	ADV LANGUAGE THROUGH CONTENT

***** The SPAN UN3300 section taken for the Major must focus on Latin America. Please contact the ILAS Student Affairs Coordinator for details.**

Language Requirement

Select one course on Spanish, Portuguese, or an indigenous language at the intermediate or advanced level; if students can demonstrate advance knowledge of one of these languages, they can replace this course with an area studies course.

Discipline of Choice

Select four courses in a discipline or theme of choice with substantive focus on Latin America. One of these courses must be a seminar. All students, however, need to take at least two courses in a discipline or theme outside of their specialization. The director of undergraduate studies advises students on areas of specialization and must approve courses with substantial Latin American or Caribbean contents not included in the list of eligible courses.

Up to 12 credits for Discipline of Choice requirement can be earned through study abroad. Students are encouraged to explore study abroad options before their junior year. Upon return, they should submit the syllabi and all coursework related to each course taken abroad for approval by the director of undergraduate studies.

CONCENTRATION IN LATIN AMERICAN AND CARIBBEAN STUDIES

The concentration requires a minimum of 18 points as follows:

Select three of the following fourteen courses. One of these courses must be in Latin American Civilization I (HIST UN2660), Latin American Civilization II (HIST UN2661) or Primary Texts in Latin America (LACV UN1020):

CLEN GU4644	REVOLUTION IN/ON THE CARIBBEAN
HIST UN1786	History of the City in Latin America
HIST UN2618	The Modern Caribbean
HIST UN2660	LATIN AMERICAN CIVILIZATION I
HIST UN2661	LATIN AMERICAN CIVILIZATION II
HIST BC2664	FAMILIES LATIN AMERICA
HIST BC2676	LATIN AMERICA: MIGRATION, RACE, AND ETHNICITY
HIST BC2681	WOMEN AND GENDER IN LATIN AMERICA

HIST GU4301	Politics and Justice in Latin America through Crime Fiction
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
POLS UN3560	PLCS URBAN DEV LATIN AMERICA
POLS UN3565	DRUGS # POLITICS IN AMERICAS
POLS GU4461	Latin American Politics
SPAN UN3300	ADV LANGUAGE THROUGH CONTENT

*** The SPAN UN3300 section taken for the Concentration must focus on Latin America. Please contact the ILAS Student Affairs Coordinator for details.

Language Requirement

Select one course on Spanish, Portuguese, or an indigenous language at the intermediate or advanced level; if students can demonstrate advance knowledge of one of these languages, they can replace this course with an area studies course.

Discipline of Choice:

Select two courses in a discipline or theme of choice with substantive focus on Latin America. One of these courses must be a seminar. All students, however, need to take at least one course in a discipline or theme outside of their specialization. The director of undergraduate studies advises students on areas of specialization and must approve courses with substantial Latin American or Caribbean contents not included in the list of eligible courses.

Up to 6 credits for Discipline of Choice requirement can be earned through study abroad. Students are encouraged to explore study abroad options before their junior year. Upon return, they should submit the syllabi and all coursework related to each course taken abroad for approval by the director of undergraduate studies.

OF RELATED INTEREST

Africana Studies (Barnard)

AFRS BC2005	CARIBBEAN CULTURE # SOCIETIES
AFRS BC3110	THE AFRICANA COLLOQUIUM
AFRS BC3150	RACE #PERFORMNCE IN CARIBBEAN
AFRS BC3562	Caribbean Sexualities

Anthropology

ANTH UN1008	THE RISE OF CIVILIZATION
ANTH V2009	Culture through Film and Media
ANTH V3120	Historical Rituals in Latin America
ANTH UN3921	Anticolonialism

Anthropology (Barnard)

ANTH UN1008	THE RISE OF CIVILIZATION
ANTH UN3921	Anticolonialism

ANTH V3922	The Emergence of State
ANTH G4390	Borders and Boundaries

Art History

AHIS W3898	Yoruba and the Diaspora
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Center for the Study of Ethnicity and Race

CSER UN3923	LATINX & ASIAN AMER MEMOIR
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CSER UN3924	Latin American and Latina/o Social Movements
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CSER UN3926	LATIN MUSIC AND IDENTITY
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CSER UN3928	COLONIZATION/ DECOLONIZATION
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CSER UN3932	US Latinx History
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CSER UN3964	Maya Guatemala-Neoliberalism # Resistance
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CSER GU4482	INDIGENOUS PEOPLES:MOVEMNT/RTS
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CSER GU4483	SUBCITIZENSHIP
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Economics

ECON GU4301	ECONOMIC GROWTH # DEVELOPMNT I
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ECON GU4750	GLOBALIZATION # ITS RISKS (Film)
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Film

History

HIST BC2321	COLONIAL ENCOUNTERS
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HIST UN2660	LATIN AMERICAN CIVILIZATION I
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HIST UN2689	COLONIAL CITIES OF THE AMERICAS
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HIST UN2661	LATIN AMERICAN CIVILIZATION II
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HIST UN2663	Mexico From Revolution To Democracy
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HIST BC2664	FAMILIES LATIN AMERICA
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HIST UN2618	The Modern Caribbean
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HIST BC2676	LATIN AMERICA: MIGRATION, RACE, AND ETHNICITY
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HIST BC2682	Modern Latin American History
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HIST UN3687	LAT AMER RIGHT IN THE COLD WAR
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HIST BC3870	GENDER# MIGRATN:GLOBAL PERSPC
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HIST UN3928	SLAVERY/ABOLITION- ATLANTC WRLD
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HIST GU4012	HISTORY OF THE CITY IN LATIN AMERICA
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HIST GU4301	Politics and Justice in Latin America through Crime Fiction
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HIST GU4692	Violence in Mexico: A Historical Approach
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HIST GU4696	The Social Question and State Building in Latin America
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Latin American and Caribbean Studies

LCRS W3999	Independent Research Seminar
LCRS UN3999	Independent Research Seminar
LCRS GU4415	PUERTO RICO UNDER U.S. RULE (1898-2016)
Latin American and Iberian Cultures	
PORT UN2120	COMPREHENSIVE INTERMED PORT
SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)
PORT UN3301	Advanced Writing and Composition in Portuguese
PORT UN3490	BRAZILIAN SOCIETY # CIV (ENG)
SPAN UN3490	Latin American Humanities I: From Pre-Columbian Civilizations to the Creation of New Nations
SPAN UN3998	Supervised Individual Research (Spring)
PORT GU4033	Language # Queer Brazil (ENG)
PORT GU4467	Race and Decolonial Dialogues in the Americas
Latin American Civilization	
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
Music	
MUSI UN2020	SALSA, SOCA # REGGAE
MUSI V2430	Listening and Sound in Cross-Cultural Perspective
POLS UN3002	Human Rights and Immigration
MUSI V3435	Music and Literature in Latin America
Political Science	
POLS BC3501	COLL: URBAN VIOLENCE
POLS BC3543	COLL:NON-STATE GOV CRIME/WAR
POLS UN3565	DRUGS # POLITICS IN AMERICAS
POLS GU4461	Latin American Politics
Sociology	
SOCI UN3324	Global Urbanism
SOCI GU4370	Processes of Stratification and Inequality
Sociology (Barnard)	
SOCI V3247	The Immigrant Experience, Old and New
Spanish and Latin American Cultures (Barnard)	
SPAN UN2101	INTERMEDIATE SPANISH I
SPAN UN2102	INTERMEDIATE SPANISH II
SPAN UN2108	SPANISH FOR HERITAGE SPEAKERS
SPAN BC3099	INDEPENDENT STUDY
SPAN BC3264	The Boom: The Spanish American Novel, 1962-70

SPAN UN3265	LATIN AMER LIT (IN TRANSLATN)
SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)
SPAN BC3435	LANGUAGE # REVOLUTION
SPAN BC3470	Latin(o) American Art in New York City: Critical Interventions, Institutions, and Creative Lives
SPAN BC3510	Gender and Sexuality in Latin American Cultures

LATIN AMERICAN AND IBERIAN CULTURES

Departmental Office:

101 Casa Hispánica | 612 W. 116th Street | (212) 854-4187
<http://www.laic.columbia.edu/>

Director of Undergraduate Studies:

Prof. Ana Paulina Lee | apl2147@columbia.edu

Director of Graduate Studies:

Prof. Alberto Medina | am3149@columbia.edu

Director of the Spanish Language Program:

Dr. Lee B. Abraham | 402 Casa Hispánica | (212) 854-3764
lba2133@columbia.edu

Director of the Portuguese Language Program:

José Antonio Castellanos-Pazos | 501 Casa Hispánica | (212) 854-0277 | jc846@columbia.edu

Director of the Catalan Language Program:

Elsa Úbeda | eu2130@columbia.edu

The Department of Latin American and Iberian Cultures (LAIC) at Columbia, located in the Casa Hispánica, has long enjoyed an international reputation as a center for Hispanic and Lusophone studies. The department provides linguistic preparation in Spanish, Portuguese, and Catalan, and offers a flexible program to study manifestations of the Hispanic and Lusophone worlds in all historical periods—from the medieval to the globalized present—and in a variety of cultural contexts: the Iberian Peninsula, Latin America, the former colonies of Portugal, and the United States.

Students can enter the program at any level of linguistic and cultural preparedness. The department offers a placement exam to determine the level at which students may either begin or continue study. Majors and concentrators in Hispanic studies and Portuguese studies are typically double majors who bring

insights and methods from fields such as history, political science, women's studies, anthropology, economics, Latino studies, Latin American studies, etc., which fosters engaging discussions.

ACADEMIC PROGRAMS

The department offers two majors. The major in Hispanic studies gives students a well-rounded preparation in the history and culture of the Hispanic world. The second option, a major in Hispanic studies with specialization, allows students to study the Hispanic world through a number of fields, among them Latin American studies, gender studies, political science, economics, history, and sociology. The department also offers two concentrations: Hispanic studies and Portuguese studies.

The language and major programs have also been designed in close consultation and cooperation with Barnard's Department of Spanish and Latin American Cultures. All courses taken in one program may be used to fulfill the requirements of the other. Hence, Columbia and Barnard students may move freely between departments of both institutions for courses that best fit their intellectual interests and schedules.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP Spanish Language exam, which satisfies the foreign language requirement. Credit is awarded upon successful completion of a 3300-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in Spanish. Courses taught in English may not be used for language AP credit.

The department grants 0 credits for a score of 4 on the AP Spanish Language exam, but the foreign language requirement is satisfied.

The department grants 3 credits for a score of 5 on the AP Spanish Literature exam, which satisfies the foreign language requirement. Credit is awarded upon successful completion of a 3300-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in Spanish. Courses taught in English may not be used for language AP credit.

The department grants 0 credits for a score of 4 on the AP Spanish Literature exam, but the foreign language requirement is satisfied.

STUDY ABROAD

The department strongly recommends that all Hispanic and Portuguese studies majors/concentrators study abroad. Most courses taken abroad can be used to fulfill the requirements for the major and concentration, and with adequate planning, even some of the requirements for a second major or concentration. A maximum of four (4) courses taken abroad may be applied to

the major, and a maximum of three (3) to the concentration in Hispanic or Portuguese studies.

All students are strongly advised to take either SPAN UN3349 HISPANIC CULTURES I (SP) or SPAN UN3350 HISPANIC CULTURES II (SP) before studying abroad. Actual or potential majors and concentrators in Hispanic or Portuguese studies should seek tentative approval of their programs from the director of undergraduate studies before their departure.

THE HISPANIC INSTITUTE

The department hosts the Hispanic Institute at Columbia. Founded in 1920 as the Instituto de las Españas, the Institute sponsors and disseminates research on Hispanic and Luso-Brazilian culture. Since 1934, the Institute has published the *Revista Hispánica Moderna*, a distinguished journal in Hispanic criticism and theory.

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

For students with no knowledge of Spanish, Portuguese, or Catalan, at least four terms of the language are required: *UN1101-UN1102* (or *UN1120*) and *UN2101-UN2102* (or *UN2120*). **All courses must be taken for a letter grade to fulfill the language requirement.**

Students with prior knowledge of Spanish who plan to continue studying Spanish are required to take the department's on-line placement examination before registering for courses. Students with prior knowledge of Portuguese or Catalan should speak with the director of language programs.

Students may be exempted from the language requirement in one of four ways:

1. Present a score of 4 or 5 on the AP Spanish Language or Spanish Literature Exams. Students who receive a score of 5 in either exam are awarded 3 AP credits upon successful completion of a 3300-level (or above) course with a grade of B or higher. AP credit is not granted for a score of 4.
2. Present a score of 780 or above on the SAT Subject Test. Students with a score lower than 780 should take the department's on-line placement exam and follow the placement advice received.
3. Present a score of a 7, 6, or 5 on the International Baccalaureate Higher Level Exam in Spanish.
4. Obtain a score of 625 or higher in the department's on-line placement examination. If the score in the on-line test qualifies a student for exemption from the language requirement, they are required to take a written version of the placement exam during orientation (for entering students) or during the semester (for continuing students). This written exam is offered every year on the Thursday before the beginning of classes in the fall semester from 10:00 a.m.- 2:00 p.m. in Room 352 of the International Affairs Building (the Language Resource Center Computer

Lab). Students do not need to make an appointment to take the exam.

DEPARTMENTAL HONORS

Beginning in Spring 2015, the department put in place a new timeline and training program for juniors, to assist students with planning and completing the Honors Thesis during their senior year. The Honors Thesis is an excellent option for any student interested in pursuing a Master's degree or Ph.D.; but, above all, it is a highly formative research and writing experience—one that can bear unexpected fruits toward any path the student decides to take in the future.

All students pursuing a major through the department may apply to write an Honors Thesis. The department envisions the thesis as an intellectually challenging and rewarding experience that crowns four years of undergraduate studies with an original contribution in the field chosen by the student.

The department supports students in shaping their research topic and provides frequent advising throughout the research and writing process. The timeline is as follows:

- During the junior year, students take into consideration the possibility of writing an Honors Thesis in the following year. The topic of the Honors Thesis may likely originate in an advanced course taken during the junior year; students may also choose to develop ideas discussed or papers written in courses taken in previous years. Juniors schedule a meeting (or, if the student is studying abroad, a Skype conversation) with the director of undergraduate studies to discuss their proposed topic and faculty adviser.
- By May 15, juniors who have decided to write an Honors Thesis in their senior year send a formal proposal to the director of undergraduate studies, which includes:
 - A title and a one-page abstract;
 - The name of the proposed faculty adviser;
 - An application for departmental partial funding support (for those who would like to pursue research during the summer).
- By May 30, the Honors Thesis committee reviews the proposals and informs the students of its decision.
- In the fall of the senior year:
 - Seniors selected to write the Honors Thesis enroll in a Supervised Individual Research section (SPAN UN3997 or SPAN UN3998) with their faculty adviser and write the Honors Thesis during the entire senior year under the direction of their adviser. For the purposes of the major, this independent study counts as a 3-point course towards elective courses.
 - Faculty advisers organize Honors Thesis Workshops to discuss students' ongoing projects and provide advising on research tools, methodological and theoretical frames, and overall writing process.
- In the fall of the senior year, students enroll in a Senior Seminar.

- By April 15 of the senior year, students complete and submit a PDF of the Honors Thesis via email for consideration towards departmental honors and prizes.

To be considered for departmental honors, a student must write an Honors Thesis and maintain a GPA of at least 3.6 in major courses. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

UNDERGRADUATE PRIZES

The faculty awards an undergraduate prize every year:

Susan Huntington Vernon Prize

Established in 1941 by a member of the noted family of New York Hispanophiles, it is given to the Columbia College senior major who has demonstrated excellence in the study of Spanish, Portuguese, and Latin American languages and cultures.

PROFESSORS

Carlos J. Alonso
Bruno Bosteels
Patricia E. Grieve
Alberto Medina
Graciela R. Montaldo
Alessandra Russo

ASSOCIATE PROFESSORS

Seth Kimmel
Ana Paulina Lee

ASSISTANT PROFESSORS

Jerónimo Duarte-Riascos
Ana M. Fernández-Cebrián

SENIOR LECTURERS

Lee B. Abraham
Guadalupe Ruiz-Fajardo
José Antonio Castellanos-Pazos
Angelina Craig-Flórez
Reyes Llopis-García
Ana Paula Huback
João Nemi Neto
Francisco Rosales-Varo
José Plácido Ruiz-Campillo

LECTURERS

Francisca Aguiló Mora
Leyre Alejandre Biel
Irene Alonso-Aparicio
Dolores Barbazán Capeáns
Lorena García Barroso
Juan Pablo Jiménez-Caicedo
Diana P. Romero
Elsa Úbeda

MAJOR IN HISPANIC STUDIES

Students who declared this program before March 2016 (when requirements changed) should contact the Director of Undergraduate Studies to confirm their correct course of study.

Students may only register once in each of the Core Courses (SPAN UN3300, SPAN UN3349 and SPAN UN3350).

The major in Hispanic studies requires 11 courses (minimum of 33 points) as follows:

Core Courses

SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)

Elective Courses

Select seven elective courses (21 points): a minimum of three 3000- or 4000-level electives must be chosen within the department and up to three electives related to Hispanic Studies may be taken outside the department.

Senior Seminar

SPAN UN3991	SENIOR SEMINAR
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MAJOR IN HISPANIC STUDIES WITH SPECIALIZATION

Students who declared this program before March 2016 (when requirements changed) should contact the Director of Undergraduate Studies to confirm their correct course of study.

Students may only register once in each of the Core Courses (SPAN UN3300, SPAN UN3349 and SPAN UN3350).

The major in Hispanic studies with specialization requires 14 courses (minimum of 42 points) as follows. Students should consult the director of undergraduate studies to plan their program and refer to the Hispanic Studies Major Worksheet.

Core Courses

SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)

Elective Courses

Select ten elective courses (30 points): four of which must be chosen within the department and six of which must be in the field of specialization. Approved courses taken abroad may be counted as inside or outside the department for the specialization. A maximum of four courses taken abroad may be counted toward the major.

Senior Seminar*

SPAN UN3991	SENIOR SEMINAR
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In exceptional cases and with the director of undergraduate studies' approval, students may take a senior seminar in their area of specialization as a seventh course outside the department, if they have completed enough foundational courses to manage the demands of an advanced seminar. In such cases, the director of undergraduate studies must receive a letter or e-mail from the seminar instructor indicating approval of a student's membership in the course; the seminar project must be on a Hispanic topic; and a copy of the project must be turned in to the director of undergraduate studies for the student's file upon completion of the course. Students who complete the senior seminar in another department may also count it as the third elective course on a Hispanic topic outside the department, in which case they may take a fourth 3000- or 4000-level course in the department.

CONCENTRATION IN HISPANIC STUDIES

Students who declared this program before March 2016 (when requirements changed) should contact the Director of Undergraduate Studies to confirm their correct course of study.

Students may only register once in each of the Core Courses (SPAN UN3300, SPAN UN3349 and SPAN UN3350).

The concentration in Hispanic studies requires eight courses (minimum of 24 points) as follows:

Core Courses

SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)

Elective Courses

Select five elective courses (15 points): a minimum of four 3000- or 4000-level courses must be chosen within the department and up to one elective related to Hispanic Studies may be taken outside the department. A maximum of three courses taken abroad may be counted toward the concentration. Students may only register once for SPAN UN3300.

CONCENTRATION IN PORTUGUESE STUDIES

The concentration in Portuguese studies requires eight courses (minimum 24 points) as follows:

Core Courses

PORT UN3101	CONVERS ABOUT LUSOPHONE WORLD
PORT UN3300	ADV LANGUAGE THROUGH CONTENT
PORT UN3330	INTRO TO PORTUGUESE STUDIES

PORT UN3350 LUSOPHONE AFR/AFRO-
BRAZ CULTRS

Elective Courses

Select four elective courses (12 points): at least two must have a PORT designation and be chosen from the department's 3000-level offerings. Electives taken outside of the department must have the director of undergraduate studies' approval and be related to Portuguese studies. A maximum of two courses taught in English may be counted toward the concentration overall. Refer to the Portuguese Concentration Worksheet.

ACADEMIC YEAR 2022-23 SPANISH

SPAN UN1101 ELEMENTARY SPANISH I. 4.00 points.

Prerequisites: a score of 0-279 in the department's Placement Examination.

Prerequisites: a score of 0-279 in the departments Placement Examination. An introduction to Spanish communicative competence, with stress on basic oral interaction, reading, witting, and cultural knowledge. Principal objectives are to understand and produce commonly used sentences to satisfy immediate needs; ask and answer questions about personal details such as where we live, people we know and things we have; interact in a simple manner with people who speak clearly, slowly and are ready to cooperate; and understand simple and short written and audiovisual texts in Spanish. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade

Fall 2022: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101 001/13882		M W F 8:40am - 9:55am 318 Hamilton Hall	Anne Freeland	4.00	13/15
SPAN 1101 002/13883		M W F 10:10am - 11:25am 318 Hamilton Hall	Anne Freeland	4.00	14/15
SPAN 1101 003/13884		M W F 11:40am - 12:55pm 318 Hamilton Hall	Anne Freeland	4.00	15/15
SPAN 1101 004/13885		M W F 10:10am - 11:25am 425 Pupin Laboratories	Diana Romero	4.00	10/15
SPAN 1101 005/13886		M W F 11:40am - 12:55pm 425 Pupin Laboratories	Diana Romero	4.00	14/15
SPAN 1101 006/13887		M W Th 2:40pm - 3:55pm 315 Hamilton Hall	Guadalupe Ruiz-Fajardo	4.00	15/15
SPAN 1101 007/13888		M W Th 4:10pm - 5:25pm 315 Hamilton Hall	Guadalupe Ruiz-Fajardo	4.00	13/15
SPAN 1101 008/13889		T Th F 8:40am - 9:55am 328 Uris Hall	Irene Alonso-Aparicio	4.00	15/15
SPAN 1101 009/13890		T Th F 10:10am - 11:25am 328 Uris Hall	Irene Alonso-Aparicio	4.00	15/15

SPAN 1101 010/13891	T Th F 11:40am - 12:55pm 328 Uris Hall	Irene Alonso-Aparicio	4.00	15/15
SPAN 1101 020/00287	T Th F 8:40am - 9:55am 237 Milbank Hall	Maria Lozano	4.00	15/15
SPAN 1101 021/00288	T Th F 1:10pm - 2:25pm 237 Milbank Hall	Omar Duran-Garcia	4.00	15/15
SPAN 1101 022/00289	T Th F 2:40pm - 3:55pm 237 Milbank Hall	Omar Duran-Garcia	4.00	13/15
SPAN 1101 023/00290	T Th F 4:10pm - 5:25pm 225 Milbank Hall	Omar Duran-Garcia	4.00	15/15

Spring 2023: SPAN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101 001/13503		M W Th 2:40pm - 3:55pm 316 Hamilton Hall	Guadalupe Ruiz-Fajardo	4.00	14/15
SPAN 1101 002/13504		M W Th 4:10pm - 5:25pm 316 Hamilton Hall	Guadalupe Ruiz-Fajardo	4.00	13/15
SPAN 1101 003/13505		M W Th 5:40pm - 6:55pm 316 Hamilton Hall	Guadalupe Ruiz-Fajardo	4.00	11/15
SPAN 1101 004/13507		M W F 10:10am - 11:25am 307 Pupin Laboratories	Diana Romero	4.00	13/15
SPAN 1101 005/13508		M W F 11:40am - 12:55pm 307 Pupin Laboratories	Diana Romero	4.00	15/15
SPAN 1101 006/13509		T Th F 8:40am - 9:55am 425 Pupin Laboratories	Irene Alonso-Aparicio	4.00	14/15
SPAN 1101 007/13510		T Th F 10:10am - 11:25am 425 Pupin Laboratories	Irene Alonso-Aparicio	4.00	14/15
SPAN 1101 008/13511		T Th F 11:40am - 12:55pm 425 Pupin Laboratories	Irene Alonso-Aparicio	4.00	15/15
SPAN 1101 010/18195		M W Th 4:10pm - 5:25pm 411 Hamilton Hall	Jennifer Calles Izquierdo	4.00	15/15
SPAN 1101 020/00201		T Th F 8:40am - 9:55am 225 Milbank Hall	Maria Lozano	4.00	14/15
SPAN 1101 021/00202		T Th F 10:10am - 11:25am 225 Milbank Hall	Maria Lozano	4.00	11/15

SPAN UN1102 ELEMENTARY SPANISH II. 4.00 points.

Prerequisites: SPAN UN1101 or a score of 280-379 in the department's Placement Examination.

Prerequisites: SPAN UN1101 or a score of 280-379 in the departments Placement Examination. An intensive introduction to Spanish language communicative competence, with stress on basic oral interaction, reading, writing and cultural knowledge as a continuation of SPAN UN1101. The principal objectives

are to understand sentences and frequently used expressions related to areas of immediate relevance; communicate in simple and routine tasks requiring a direct exchange of information on familiar matters; describe in simple terms aspects of our background and personal history; understand the main point, the basic content, and the plot of filmic as well as short written texts. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade

Fall 2022: SPAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102 001/13892		M W F 8:40am - 9:55am 325 Pupin Laboratories	Juan Jimenez-Caicedo	4.00	9/15
SPAN 1102 002/13893		M W F 10:10am - 11:25am 325 Pupin Laboratories	Juan Jimenez-Caicedo	4.00	12/15
SPAN 1102 003/13894		T Th F 8:40am - 9:55am 222 Pupin Laboratories	Jose Placido Ruiz-Campillo	4.00	15/15
SPAN 1102 004/13895		T Th F 10:10am - 11:25am 222 Pupin Laboratories	Jose Placido Ruiz-Campillo	4.00	14/15
SPAN 1102 005/13896		T Th F 11:40am - 12:55pm 222 Pupin Laboratories	Jose Placido Ruiz-Campillo	4.00	15/15
SPAN 1102 006/13897		T Th F 8:40am - 9:55am 224 Pupin Laboratories	Lorena Garcia Barroso	4.00	6/15
SPAN 1102 007/13898		T Th F 10:10am - 11:25am 224 Pupin Laboratories	Lorena Garcia Barroso	4.00	10/15
SPAN 1102 008/13899		T Th F 2:40pm - 3:55pm 325 Pupin Laboratories	Mayte Lopez Sanchez	4.00	13/15
SPAN 1102 009/13900		T Th F 4:10pm - 5:25pm 325 Pupin Laboratories	Mayte Lopez Sanchez	4.00	13/15
SPAN 1102 010/13901		T Th F 5:40pm - 6:55pm 325 Pupin Laboratories	Mayte Lopez Sanchez	4.00	5/15
SPAN 1102 011/15628		M W F 8:40am - 9:55am 616 Hamilton Hall	Renata Ruiz Figueroa	4.00	10/15
SPAN 1102 020/00291		M W Th 11:40am - 12:55pm 207 Milbank Hall	Almudena Marín-Cobos	4.00	15/15
SPAN 1102 021/00292		M W Th 1:10pm - 2:25pm 207 Milbank Hall	Almudena Marín-Cobos	4.00	12/15
SPAN 1102 022/00293		Th M W 2:40pm - 3:55pm 202 Milbank Hall	Almudena Marín-Cobos	4.00	14/15
SPAN 1102 023/00799		M W F 4:10pm - 5:25pm 324 Milbank Hall	Alexandra Mendez	4.00	8/15

SPAN 1102 024/00800 M W F 2:40pm - 3:55pm
409 Barnard Hall
Alexandra Mendez 4.00 13/15

Spring 2023: SPAN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102 001/13513		M W Th 2:40pm - 3:55pm 325 Pupin Laboratories	Jose Placido Ruiz-Campillo	4.00	15/15
SPAN 1102 002/13514		M W Th 4:10pm - 5:25pm 325 Pupin Laboratories	Jose Placido Ruiz-Campillo	4.00	15/15
SPAN 1102 003/13515		M W F 8:40am - 9:55am 313 Pupin Laboratories	Mayte Lopez Sanchez	4.00	14/15
SPAN 1102 004/13516		M W F 10:10am - 11:25am 313 Pupin Laboratories	Mayte Lopez Sanchez	4.00	15/15
SPAN 1102 005/13517		M W F 11:40am - 12:55pm 313 Pupin Laboratories	Mayte Lopez Sanchez	4.00	15/15
SPAN 1102 006/13518		M W F 8:40am - 9:55am 222 Pupin Laboratories	Aaron Boalick	4.00	13/15
SPAN 1102 007/13519		M W F 10:10am - 11:25am 222 Pupin Laboratories	Aaron Boalick	4.00	15/15
SPAN 1102 008/13520		T Th F 8:40am - 9:55am 224 Pupin Laboratories	Juan Jimenez-Caicedo	4.00	15/15
SPAN 1102 009/13521		T Th F 10:10am - 11:25am 224 Pupin Laboratories	Juan Jimenez-Caicedo	4.00	15/15
SPAN 1102 010/13522		T Th F 11:40am - 12:55pm 224 Pupin Laboratories	Juan Jimenez-Caicedo	4.00	15/15
SPAN 1102 011/13523		T Th F 8:40am - 9:55am 424 Pupin Laboratories	Lorena Garcia Barroso	4.00	12/15
SPAN 1102 012/13524		T Th F 10:10am - 11:25am 424 Pupin Laboratories	Lorena Garcia Barroso	4.00	14/15
SPAN 1102 022/00203		T Th F 10:10am - 11:25am 202 Milbank Hall	Almudena Marín-Cobos	4.00	15/15
SPAN 1102 023/00205		T Th F 11:40am - 12:55pm 202 Milbank Hall	Almudena Marín-Cobos	4.00	15/15

SPAN UN1113 Spanish Rapid Reading and Translation. 3 points.

Open to graduate students in GSAS only.

This course, conducted in English, is designed to help graduate students from other departments gain proficiency in reading

and translating Spanish texts for scholarly research. The course prepares students to take the Reading Proficiency Exam that most graduate departments demand to fulfill the foreign-language proficiency requirement in that language. Graduate students with any degree of knowledge of Spanish are welcome. A grade of A- or higher in this class will satisfy the GSAS foreign language proficiency requirement in Spanish.

SPAN UN1120 COMPREHENSIVE BEGINNING SPAN. 4.00 points.

Intensive, fast-paced elementary Spanish course for multilingual learners who have had little to no formal education in Spanish. Replaces the sequence SPAN UN1101-SPAN UN1102. Prerequisites: Take the Department's Language Placement Examination. (It is only for diagnostic purposes, to assess your language learning skills, not your knowledge of Spanish). If you score approximately 330 OR MORE, you may qualify for this course if: - you have had little to no formal education in Spanish, AND - you identify with ONE of the following language learner profiles: Learners of Spanish as a 3rd language: fluent in a language other than English Informal learners of Spanish: English speakers who have "picked up" Spanish by interacting with Spanish speakers in informal settings "Receptive" Spanish heritage learners: English dominant, but you understand Spanish spoken by family and community members (The exam is only an initial assessment for diagnostic purposes. Your score might be high, even if you have never studied Spanish in a formal setting). You do not need my permission to register*. I will further assess your level during the Change of Program period. Feel free to contact me if you have any questions or if you are unsure about your placement in this course. *Students who do not have the necessary proficiency level may not remain in this course. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade

Fall 2022: SPAN UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/13902	M W F 8:40am - 9:55am 425 Pupin Laboratories	Diana Romero	4.00	5/15

Spring 2023: SPAN UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/13525	M W F 8:40am - 9:55am 307 Pupin Laboratories	Diana Romero	4.00	12/15

SPAN UN2101 INTERMEDIATE SPANISH I. 4.00 points.

Prerequisites: SPAN UN1102 or SPAN UN1120 or a score of 380-449 in the department's Placement Examination. Prerequisites: SPAN UN1102 or SPAN UN1120 or a score of 380-449 in the departments Placement Examination. An intensive course in Spanish language communicative competence, with stress on oral interaction, reading, writing, and culture as a continuation of SPAN UN1102 or SPAN

UN1120. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade

Fall 2022: SPAN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/13903	M W F 8:40am - 9:55am 511 Hamilton Hall	Elvira Blanco	4.00	13/15
SPAN 2101	002/13904	M W F 10:10am - 11:25am 306 Uris Hall	Lee Abraham	4.00	13/15
SPAN 2101	003/13905	T Th F 8:40am - 9:55am 327 Uris Hall	Francisca Aguilo Mora	4.00	14/15
SPAN 2101	004/13906	T Th F 10:10am - 11:25am 327 Uris Hall	Francisca Aguilo Mora	4.00	15/15
SPAN 2101	005/13907	T Th F 11:40am - 12:55pm 327 Uris Hall	Francisca Aguilo Mora	4.00	14/15
SPAN 2101	006/13908	T Th F 10:10am - 11:25am 616 Hamilton Hall	Angelina Craig-Florez	4.00	11/15
SPAN 2101	007/13909	T Th F 11:40am - 12:55pm 616 Hamilton Hall	Angelina Craig-Florez	4.00	10/15
SPAN 2101	008/13910	T Th F 2:40pm - 3:55pm 616 Hamilton Hall	Angelina Craig-Florez	4.00	10/15
SPAN 2101	009/13911	T Th F 10:10am - 11:25am 412 Pupin Laboratories	Reyes Llopis-Garcia	4.00	12/15
SPAN 2101	010/13912	T Th F 11:40am - 12:55pm 412 Pupin Laboratories	Reyes Llopis-Garcia	4.00	15/15
SPAN 2101	011/13913	T Th F 2:40pm - 3:55pm 224 Pupin Laboratories	Reyes Llopis-Garcia	4.00	11/15
SPAN 2101	012/13914	T Th F 4:10pm - 5:25pm 425 Pupin Laboratories	Felipe Becerra	4.00	14/15
SPAN 2101	013/13915	T Th F 5:40pm - 6:55pm 425 Pupin Laboratories	Felipe Becerra	4.00	6/15
SPAN 2101	020/00294	T Th F 8:40am - 9:55am 225 Milbank Hall	Antoni Fernandez Parera	4.00	15/15
SPAN 2101	021/00295	T Th F 10:10am - 11:25am 225 Milbank Hall	Antoni Fernandez Parera	4.00	14/15
SPAN 2101	022/00296	M W Th 11:40am - 12:55pm 225 Milbank Hall	Jesus Suarez-Garcia	4.00	16/15
SPAN 2101	024/00801	M W F 11:40am - 12:55pm 237 Milbank Hall	Alexandra Mendez	4.00	14/15

Spring 2023: SPAN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2101	001/13526	M W Th 2:40pm - 3:55pm	Anne Freeland	4.00	11/15

	425 Pupin Laboratories					SPAN 2102 004/13919	M W Th 1:10pm - 2:25pm	Katryn Williams	4.00	15/15
SPAN 2101 002/13527	M W Th 4:10pm - 5:25pm	Anne Freeland	4.00	15/15			224 Pupin Laboratories	Evinson		
	425 Pupin Laboratories					SPAN 2102 005/13920	T Th F 8:40am - 9:55am	Leyre Alejaldre Biel	4.00	14/15
SPAN 2101 003/13528	M W Th 5:40pm - 6:55pm	Anne Freeland	4.00	10/15			424 Pupin Laboratories			
	425 Pupin Laboratories					SPAN 2102 006/13921	T Th F 10:10am - 11:25am	Leyre Alejaldre Biel	4.00	14/15
SPAN 2101 004/13529	M W F 8:40am - 9:55am	Elvira Blanco	4.00	13/15			424 Pupin Laboratories			
	609 Hamilton Hall					SPAN 2102 007/13922	T Th F 11:40am - 12:55pm	Leyre Alejaldre Biel	4.00	15/15
SPAN 2101 005/13530	M W F 10:10am - 11:25am	Lee Abraham	4.00	15/15			424 Pupin Laboratories			
	407 Hamilton Hall					SPAN 2102 008/13923	T Th F 10:10am - 11:25am	Francisco Rosales-Varo	4.00	14/15
SPAN 2101 006/13531	M W F 11:40am - 12:55pm	Aaron Boalick	4.00	14/15			313 Pupin Laboratories			
	222 Pupin Laboratories					SPAN 2102 009/13924	T Th F 11:40am - 12:55pm	Francisco Rosales-Varo	4.00	14/15
SPAN 2101 007/13532	T Th F 10:10am - 11:25am	Reyes Llopis-Garcia	4.00	15/15			313 Pupin Laboratories			
	325 Pupin Laboratories					SPAN 2102 010/13925	T Th F 2:40pm - 3:55pm	Felipe Becerra	4.00	13/15
SPAN 2101 008/13533	T Th F 11:40am - 12:55pm	Reyes Llopis-Garcia	4.00	15/15			425 Pupin Laboratories			
	325 Pupin Laboratories					SPAN 2102 011/13926	T Th F 4:10pm - 5:25pm	Juan Pablo Cominguez	4.00	13/15
SPAN 2101 009/13534	T Th F 2:40pm - 3:55pm	Reyes Llopis-Garcia	4.00	12/15			253 International Affairs Bldg			
	424 Pupin Laboratories					SPAN 2102 012/13927	T Th F 5:40pm - 6:55pm	Juan Pablo Cominguez	4.00	8/15
SPAN 2101 020/00206	M W Th 11:40am - 12:55pm	Omar Duran-Garcia	4.00	15/15			253 International Affairs Bldg			
	225 Milbank Hall					SPAN 2102 020/00297	T Th F 10:10am - 11:25am	Javier Perez Zapatero	4.00	12/15
SPAN 2101 021/00225	M W Th 1:10pm - 2:25pm	Omar Duran-Garcia	4.00	13/15			202 Milbank Hall			
	225 Milbank Hall					SPAN 2102 021/00298	T Th F 11:40am - 12:55pm	Javier Perez Zapatero	4.00	13/15
SPAN 2101 022/00207	M W Th 2:40pm - 3:55pm	Omar Duran-Garcia	4.00	11/15			202 Milbank Hall			
	225 Milbank Hall									

SPAN UN2102 INTERMEDIATE SPANISH II. 4.00 points.

Prerequisites: SPAN UN2101 or a score of 450-625 in the department's Placement Examination.

Prerequisites: SPAN UN2101 or a score of 450-625 in the departments Placement Examination. An intensive course in Spanish language communicative competence, with stress on oral interaction, reading, writing and culture as a continuation of SPAN UN2101. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade

Fall 2022: SPAN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2102 001/13916		M W F 8:40am - 9:55am	Dolores Barbazan Capeans	4.00	14/15
		255 International Affairs Bldg			
SPAN 2102 002/13917		M W F 10:10am - 11:25am	Dolores Barbazan Capeans	4.00	15/15
		255 International Affairs Bldg			
SPAN 2102 003/13918		M W F 11:40am - 12:55pm	Dolores Barbazan Capeans	4.00	15/15
		255 International Affairs Bldg			

Spring 2023: SPAN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2102 001/13535		M W Th 1:10pm - 2:25pm	Katryn Williams	4.00	13/15
		412 Pupin Laboratories	Evinson		
SPAN 2102 002/13536		M W Th 1:10pm - 2:25pm	Felipe Becerra	4.00	15/15
		313 Pupin Laboratories			
SPAN 2102 003/13537		M W Th 2:40pm - 3:55pm	Felipe Becerra	4.00	15/15
		313 Pupin Laboratories			
SPAN 2102 004/13538		M W Th 4:10pm - 5:25pm	Felipe Becerra	4.00	15/15
		313 Pupin Laboratories			
SPAN 2102 005/13539		M W F 8:40am - 9:55am	Dolores Barbazan Capeans	4.00	15/15
		255 International Affairs Bldg			
SPAN 2102 006/13540		M W F 10:10am - 11:25am	Dolores Barbazan Capeans	4.00	15/15

	255 International Affairs Bldg				
SPAN 2102 007/13541	M W F 11:40am - 12:55pm 255 International Affairs Bldg	Dolores Barbazan Capeans	4.00	13/15	
SPAN 2102 008/13542	T Th F 8:40am - 9:55am 327 Uris Hall	Leyre Alejaldre Biel	4.00	15/15	
SPAN 2102 009/13543	T Th F 10:10am - 11:25am 327 Uris Hall	Leyre Alejaldre Biel	4.00	15/15	
SPAN 2102 010/13544	T Th F 10:10am - 11:25am 609 Hamilton Hall	Eliana Hernandez Pachon	4.00	15/15	
SPAN 2102 011/13546	T Th F 11:40am - 12:55pm 609 Hamilton Hall	Eliana Hernandez Pachon	4.00	15/15	
SPAN 2102 012/13547	T Th F 2:40pm - 3:55pm 412 Pupin Laboratories	Eliana Hernandez Pachon	4.00	14/15	
SPAN 2102 013/13548	T Th F 4:10pm - 5:25pm 253 International Affairs Bldg	Juan Pablo Cominguez	4.00	10/15	
SPAN 2102 021/00208	T Th F 11:40am - 12:55pm 207 Milbank Hall	Antoni Fernandez Parera	4.00	15/15	
SPAN 2102 023/00209	M W F 2:40pm - 3:55pm 202 Milbank Hall	Alexandra Mendez	4.00	14/15	
SPAN 2102 024/00211	M W F 4:10pm - 5:25pm 202 Milbank Hall	Alexandra Mendez	4.00	14/15	

SPAN UN2103 INTERMED SPAN II - MEDICAL. 4.00 points.

Prerequisites: SPAN UN2101 or a score of 380-449 on the Department's placement examination.

Prerequisites: SPAN UN2101 or a score of 380-449 on the Department's placement examination. This is an intensive course in Spanish language communicative competence with an emphasis on oral interaction, reading, writing, and culture at an Intermediate II level with focus on health-related topics in the Spanish-speaking world. In an increasingly interconnected world, and in multilingual global cities such as New York City, the study of a foreign language is fundamental not only in the field of the humanities but also in the natural sciences. This interdisciplinary course analyzes the intersection between these two disciplines through the study of health-related topics in Iberian and Latin American cultural expressions (literature, film, documentaries, among other sources) in order to explore new critical perspectives across both domains. Students will learn health-related vocabulary and usage-based grammar in Spanish. Students will develop a cultural understanding of medicine, illness, and treatment in the Spanish-speaking world. Finally, students will be able to carry out specific collaborative tasks in Spanish with the aim of integrating language, culture, and health. * This course fulfills the last semester of the foreign language requirement. Therefore, students who have taken SPAN UN 2101 (Intermediate Spanish

I), or have a score of 380-449 on the Department's placement exam, and are interested in health-related topics may proceed and enroll in SPAN UN 2103 (Intermediate Spanish II: Health-Related Topics in the Spanish-Speaking World). Pre-med and pre-health students, as well as those students majoring in the natural sciences—including biology, general chemistry, organic chemistry, biochemistry, and physics—will be given registration priority. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade

Fall 2022: SPAN UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2103 001/13928		T Th F 2:40pm - 3:55pm 253 International Affairs Bldg	Juan Pablo Cominguez	4.00	14/15

Spring 2023: SPAN UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2103 001/13549		T Th F 2:40pm - 3:55pm 253 International Affairs Bldg	Juan Pablo Cominguez	4.00	14/15

SPAN UN2108 SPANISH FOR HERITAGE SPEAKERS. 4.00 points.

Prerequisites: SPAN UN1108 or scoring at this level on the department's Spanish as a Heritage Language Placement test (<https://columbia-barnard.vega-labs.com>). The principal aim of SPAN UN2108 is to build upon and further develop the knowledge of Spanish that heritage learners bring to the classroom – from SPAN UN1108 and/or from family and neighborhood exposure to the language. This course cultivates intermediate-level formal speaking, listening, reading, and writing abilities. Spanish heritage language courses at Columbia/Barnard focus on the development of communicative abilities and literacy from sociolinguistic and sociocultural approaches. Throughout the semester, students will be reviewing spelling patterns, building vocabulary, acquiring and effectively using learning strategies, and strengthening composition skills in Spanish. Cultural projects and readings reinforce learners' understanding of the multiple issues related to Hispanic cultures in the United States and in other Spanish-speaking societies

Fall 2022: SPAN UN2108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2108 001/00299		M W Th 1:10pm - 2:25pm 225 Milbank Hall	Jesus Suarez-Garcia	4.00	12/15
SPAN 2108 002/00300		M W Th 2:40pm - 3:55pm 225 Milbank Hall	Jesus Suarez-Garcia	4.00	15/15

Spring 2023: SPAN UN2108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 2108 001/13550		T Th F 8:40am - 9:55am 328 Uris Hall	Francisca Aguilo Mora	4.00	15/15

SPAN 2108 002/13551 T Th F 10:10am - Francisca 4.00 15/15
11:25am Aguilo
328 Uris Hall Mora

SPAN UN2120 Comprehensive Intermediate Spanish. 4 points.

Prerequisites: This course is an intensive and fast-paced coverage of both SPAN UN2101 and SPAN UN2102. Students MUST demonstrate a strong foundation in Spanish and meet the following REQUIREMENTS: a score ABOVE 480 on the Department's Placement Examination; or A- or higher in SPAN UN1120. If you fulfill the above requirements, you do not need the instructor's permission to register. HOWEVER, the instructor will additionally assess student proficiency during the Change of Program Period. Students who do not have the necessary proficiency level may not remain in this course. Replaces the sequence SPAN UN2101-SPAN UN2102. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade.

SPAN UN3300 ADV LANGUAGE THROUGH CONTENT. 3.00 points.

Prerequisites: SPAN UN2102 or AP score of 4 or 5; or SAT score.

Prerequisites: SPAN UN2102 or AP score of 4 or 5; or SAT score. An intensive exposure to advanced points of Spanish grammar and structure through written and oral practice, along with an introduction to the basic principles of academic composition in Spanish. Each section is based on the exploration of an ample theme that serves as the organizing principle for the work done in class (Please consult the Directory of Classes for the topic of each section.) This course is required for the major and the concentration in Hispanic Studies. Formerly SPAN W3200 and SPAN BC3004. If you have taken either of these courses before you cannot take SPAN UN3300. All Columbia students must take Spanish language courses (UN 1101-3300) for a letter grade

Fall 2022: SPAN UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300 001/13929		M W 11:40am - 12:55pm 325 Pupin Laboratories	Juan Jimenez-Caicedo	3.00	16/15
SPAN 3300 002/13930		M W 5:40pm - 6:55pm 315 Hamilton Hall	Guadalupe Ruiz-Fajardo	3.00	10/15
SPAN 3300 003/13931		T Th 11:40am - 12:55pm 224 Pupin Laboratories	Lorena Garcia Barroso	3.00	8/15
SPAN 3300 004/13932		T Th 1:10pm - 2:25pm 313 Pupin Laboratories	Francisco Rosales-Varo	3.00	15/15
SPAN 3300 020/00301		T Th 11:40am - 12:55pm 327 Milbank Hall	Antoni Fernandez Parera	3.00	9/15
SPAN 3300 021/00302		T Th 10:10am - 11:25am 327 Milbank Hall	Maria Lozano	3.00	13/15

Spring 2023: SPAN UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300 001/13553		T Th 11:40am - 12:55pm 328 Uris Hall	Francisca Aguilo Mora	3.00	15/15
SPAN 3300 002/13555		T Th 11:40am - 12:55pm 327 Uris Hall	Leyre Alejaldre Biel	3.00	15/15
SPAN 3300 003/13557		T Th 1:10pm - 2:25pm 253 International Affairs Bldg	Juan Pablo Cominguez	3.00	15/15
SPAN 3300 021/00214		T Th 1:10pm - 2:25pm 202 Milbank Hall	Almudena Marín-Cobos	3.00	14/15
SPAN 3300 022/00216		M W 10:10am - 11:25am 237 Milbank Hall	Elga Castro	3.00	15/15

SPAN UN3349 HISPANIC CULTURES I (SP). 3.00 points. CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: L" course: enrollment limited to 15 students. Completion of language requirement, third-year language sequence (W3300).

Prerequisites: L course: enrollment limited to 15 students. Completion of language requirement, third-year language sequence (W3300). Provides students with an overview of the cultural history of the Hispanic world, from eighth-century Islamic and Christian Spain and the pre-Hispanic Americas through the late Middle Ages and Early Modern period until about 1700, covering texts and cultural artifacts from both Spain and the Americas

Fall 2022: SPAN UN3349

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349 001/00303		M W 2:40pm - 3:55pm 207 Milbank Hall	Orlando Bentancor	3.00	15/15
SPAN 3349 002/12025		T Th 4:10pm - 5:25pm 505 Casa Hispanica	Aaron Boalick	3.00	15/15

Spring 2023: SPAN UN3349

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349 001/00217		M W 6:10pm - 7:25pm 202 Milbank Hall	Alexandra Mendez	3.00	12/15
SPAN 3349 002/13497		M W 11:40am - 12:55pm 201 Casa Hispanica	Patricia Grieve	3.00	12/15

SPAN UN3350 HISPANIC CULTURES II (SP). 3.00 points.

This course surveys cultural production of Spain and Spanish America from the eighteenth to the twenty-first centuries. Students will acquire the knowledge needed for the study of the cultural manifestations of the Hispanic world in the context of modernity. Among the issues and events studied will be the Enlightenment as ideology and practice, the Napoleonic invasion of Spain, the wars of Spanish American independence, the fin-de-siecle and the cultural avant-gardes, the wars and revolutions of the twentieth century (Spanish Civil War, the

Mexican and Cuban revolutions), neoliberalism, globalization, and the Hispanic presence in the United States. The goal of the course is to study some key moments of this trajectory through the analysis of representative texts, documents, and works of art. Class discussions will seek to situate the works studied within the political and cultural currents and debates of the time. All primary materials, class discussion, and assignments are in Spanish. This course is required for the major and the concentration in Hispanic Studies

Fall 2022: SPAN UN3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/00304	T Th 11:40am - 12:55pm 409 Barnard Hall	Wadda Rios-Font	3.00	15/15
SPAN 3350	002/12033	M W 10:10am - 11:25am 201 Casa Hispanica	Maria Agustina Battezzati	3.00	10/15
SPAN 3350	003/12045	M W 4:10pm - 5:25pm 253 International Affairs Bldg	Aaron Boalick	3.00	10/15
SPAN 3350	004/12173	T Th 10:10am - 11:25am 201 Casa Hispanica	Aaron Boalick	3.00	10/15
SPAN 3350	005/12175	T Th 2:40pm - 3:55pm 201 Casa Hispanica	Alberto Medina	3.00	13/15

Spring 2023: SPAN UN3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/00218	M W 10:10am - 11:25am 225 Milbank Hall	Ronald Briggs	3.00	13/15
SPAN 3350	002/13498	T Th 10:10am - 11:25am 206 Casa Hispanica	Maria Agustina Battezzati	3.00	13/15
SPAN 3350	003/13499	M W 2:40pm - 3:55pm 206 Casa Hispanica	Ana Fernandez Cebrian	3.00	14/15
SPAN 3350	004/13500	T Th 2:40pm - 3:55pm 206 Casa Hispanica	Jeronimo Duarte Riascos	3.00	15/15
SPAN 3350	005/13502	M W 1:10pm - 2:25pm 206 Casa Hispanica	Ana Lee	3.00	11/15
SPAN 3350	006/13506	T Th 11:40am - 12:55pm 206 Casa Hispanica	Graciela Montaldo	3.00	9/15

SPAN UN3991 SENIOR SEMINAR. 4.00 points.

Prerequisites: Seniors (major or concentrator status).

The course is a requirement for all the LAIC majors. In this seminar, students develop an individual research project and write an essay under the guidance of the course's instructor and in dialogue with the other participants' projects After an introductory theoretical and methodological section, and a research session at the library, the syllabus is entirely constructed on the students' projects. Every participant is in charge of a weekly session. Essay outlines and drafts are discussed with the group throughout the semester. The final session is a public symposium with external respondents

Fall 2022: SPAN UN3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3991	001/12577	M 3:10pm - 5:00pm 206 Casa Hispanica	Ana Lee	4.00	5/15

SPAN UN3315 New York as Theatre of Spanish Modernity. 3 points.

From the beginning of the XXth Century some of the key figures of Spanish contemporary culture, writers, filmmakers or architects, had a very close relationship to New York, sometimes as travelers, sometimes living in the city for long periods of time. That transatlantic contact, far from anecdotal, turned into an essential element of the self-understanding of those authors and a crucial presence in their work. The contact with New York modernity would be an unavoidable component in their own versions of modernity but their presence would also leave an important trace in the city. As yet more Spanish cultural travelers got in contact with the city a different phenomenon developed: from the 1950's, New York would be used as a privileged stage to project a certain institutional idea of Spain, to sell a refurbished image of the nation as sophisticated and modern after decades of international marginalization under Francoism. This course will develop a comparative study of both processes as seen in literary sources, film and architecture (García Lorca, Camba, Dalí, Tápies, Buñuel, Loriga, Sert, Calatrava...)

SPAN UN3366 Unseen Things: Fantastic Narratives in Contemporary Spain. 3 points.

This course is a survey of Spanish literature and cinema that offers a glimpse to the Spanish canon through the cultural topology of "Fantasy". By conceiving fantasy as a historically produced—and therefore historically changing— notion, we will travel across five centuries to examine how phenomena associated with the supernatural and the paranormal were understood in their time and how they are understood today. Haunting memories and spaces, ghosts and imaginary representations, supernatural events, monsters, spiritistic practices, and phantasmagorias will parade before our eyes as we try to come up with a comprehensive account for what we could call the "Spanish uneven development". The discussions over differential temporalities, social and political imaginaries, collective memories, the role of fiction and symbolic representations, and the connection between fantasy and the economic, political, and ideological practices in a determinate social formation will be interrogated in our seminar from different historical vantage points. Readings (most of them by major authors) will be the center of the discussion, whereas visual materials, documentary, art and movies will do their part to illustrate the readings. Several questions will be raised (and hopefully answered) along this journey: How can we explain proliferation of fantastic narratives in Contemporary Spain? And, finally, how can we examine the recent boom and success of Spanish fantastic, supernatural and horror pieces, particularly in film and in the novel? Is there such thing as a "Spanish fantastic" genre?

SPAN UN3731 ENV. # CITI: CULTRS OF IBERIAN PENINSULA. 3.00 points.

This course examines the role of nature and the environment in both contemporary literature and the arts, and attempts to explore a conceptual framework for the definition of environment as a cultural and material production. Environmental peculiarities and historical discontinuities and continuities have created social and political conjunctures in the Iberian Peninsula in which questions concerning nature, space, landscape, and urban and rural experiences have become central to the cultural and the critical imagination in the 20th & 21st Centuries. From the debate over the privatization and erosion of communal rights and the environmental dispossession (and repossession) of the resources to the history of the constructions of nature(s) in literary and cinematic landscapes, the guiding question is how cultural and social practices interfere in the production of what Rob Nixon has called 'slow violence', that is, the incremental dynamics of environmental violence that intensify the vulnerability of populations and natural ecosystems. To address this issue, we will not only read a number of novels, essays, poems, short stories and theoretical production, but also engage in the study of artwork and new Iberian democratic experiences, and the development of the cultural environmental studies and ecocriticism in literature and the arts today. The class will be conducted in Spanish and all written assignments will also be in that language.

Fall 2022: SPAN UN3731

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3731	001/12580	M W 11:40am - 12:55pm 201 Casa Hispanica	Ana Fernandez Cebrian	3.00	10/15

SPAN GU4010 LANGUAGE CROSSING IN LATINX CARIBBEAN CULTURAL PRODUCTION. 3 points.

Prerequisites: Intermediate reading knowledge of Spanish

SPAN G4030 Spanish Pragmatics. 4 points.

In one sense, Pragmatics is concerned with how we use the language, why and how the speakers communicate in social interactions. The interpretation of meaning in context is probably the main field of study of this multidiscipline, considering the speaker-meaning as the central point of departure. The term Pragmatics refers to a broad perspective on different aspects of communication, including linguistics, but also cognitive psychology, cultural anthropology, philosophy, sociology and rhetoric among others. Through this course we will study chronologically and apply in specific cases of study of the Spanish language the most meaningful pragmatic theories, such as: Context, Deixis, Speech acts, Implicature, Cooperative Principle, Politeness, Relevance, Pragmatic markers, Metaphors and Cross-cultural pragmatics. Pragmatics, as we know, is a most helpful criterion in the interpretation of many different types of texts. As a course within our Department's curriculum this instrument of rhetoric analysis is a basic tool in the comprehension of our students' discourse in their literary, cultural, and critical papers. This discipline goes beyond the analysis of strictly forms or verbal utterances,

hence its multidisciplinary applicability to a wide range of fields of studies in Spanish. Whichever the student's field of study might be, Pragmatics provides a valuable and accurate vocabulary that can be applied to any textual interpretation. In this course, the pragmatic perspective is a starting point to delve into the processes of communication in Spanish. After this first approach, the student will gain an insight into new aspects of the linguistics of language use in general and the use of Spanish in particular.

CPLS GU4810 Theories of the Subject. 4 points.

This seminar will revisit some major texts and concerns in the theoretical humanities that develop genealogical, psychoanalytical or political theories of the subject, roughly from Marx until today. The goal is to come to a critical understanding of the centrality of this notion of the subject as one of the founding concepts of modernity, as well as to draw out all the consequences of its crisis in radical humanistic (or even so-called posthumanist) thought today. Thinkers to be discussed further include Freud, Foucault, Badiou, Butler, Althusser, Rozitchner, Žižek and Zupan#i#.

PORTUGUESE**PORT UN1101 ELEMENTARY PORTUGUESE I. 4.00 points.**

A beginning course designed for students who wish to start their study of Portuguese and have no proficiency in another Romance language. The four language skills: listening, speaking, reading, and writing are developed at the basic level

Fall 2022: PORT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/10715	T Th 4:10pm - 6:00pm 313 Pupin Laboratories	Joao Nemi Neto	4.00	11/15

Spring 2023: PORT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/11225	M W 2:10pm - 4:00pm 222 Pupin Laboratories	Ana Huback	4.00	13/15

PORT UN1102 ELEMENTARY PORTUGUESE II. 4.00 points.

Prerequisites: PORT W1101 or the equivalent. A course designed to acquaint students with the Portuguese verbal, prepositional, and pronominal systems. As a continuation of Elementary Portuguese I (PORT W1101), this course focuses on the uses of characteristic forms and expressions of the language as it is spoken and written in Brazil today

Fall 2022: PORT UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/10714	M W Th 1:10pm - 2:25pm 222 Pupin Laboratories	Jose Castellanos-Pazos	4.00	1/15

Spring 2023: PORT UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/11224	T Th 10:10am - 12:00pm 222 Pupin Laboratories	Joao Nemi Neto	4.00	8/15

PORT UN1320 COMP ELEM PORT I/II-SPAN SPKRS. 4.00 points.

Prerequisites: knowledge of Spanish or another Romance language. An intensive beginning language course in Brazilian Portuguese with emphasis on Brazilian culture through multimedia materials related to culture and society in contemporary Brazil. Recommended for students who have studied Spanish or another Romance language. The course is the equivalent of two full semesters of elementary Portuguese with stress on reading and conversing, and may be taken in place of PORT W1101-W1102. For students unable to dedicate the time needed cover two semesters in one, the regularly paced sequence PORT W1101-W1102 is preferable

Fall 2022: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/10713	T Th 10:10am - 12:00pm 206 Casa Hispanica	Jose Castellanos-Pazos	4.00	4/15
PORT 1320	002/10712	M W 4:10pm - 6:00pm 425 Pupin Laboratories	Jose Castellanos-Pazos	4.00	7/15

Spring 2023: PORT UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/11226	T Th 10:10am - 12:00pm 505 Casa Hispanica	Jose Castellanos-Pazos	4.00	8/15
PORT 1320	002/11227	M W 4:10pm - 6:00pm 255 International Affairs Bldg	Jose Castellanos-Pazos	4.00	9/15

PORT UN2101 INTERMEDIATE PORTUGUESE I. 4.00 points.

Prerequisites: *PORT W1120* or the equivalent.

Prerequisites: PORT W1120 or the equivalent. General review of grammar, with emphasis on self-expression through oral and written composition, reading, conversation, and discussion

Fall 2022: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101	001/10711	M W 2:10pm - 4:00pm 325 Pupin Laboratories	Ana Huback	4.00	7/15

Spring 2023: PORT UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2101	001/11228	M W 4:10pm - 6:00pm 222 Pupin Laboratories	Ana Huback	4.00	8/15

PORT UN2120 COMPREHENSIVE INTERMED PORT. 4.00 points.

Prerequisites: PORT UN1102 or PORT UN1320.

Prerequisites: PORT UN1102 or PORT UN1320. Prerequisites: this course is an intensive and fast-paced coverage of both PORT UN2101 and PORT UN2102. Students MUST demonstrate a strong foundation in Portuguese and meet the following REQUIREMENT: A- or higher in PORT UN1102 or PORT UN1320. If you fulfill the above requirement, you do not need the instructors permission to register. HOWEVER the instructor will additionally assess student proficiency during the Change of Program Period. Students who do not have the necessary proficiency level may not remain in this course. This course replaces the sequence PORT UN2101-PORT UN2102

Fall 2022: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120	001/10709	M W 6:10pm - 8:00pm 325 Pupin Laboratories	Ana Huback	4.00	2/15

Spring 2023: PORT UN2120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2120	001/11230	T Th 4:10pm - 6:00pm 224 Pupin Laboratories	Joao Nemi Neto	4.00	6/15

PORT UN3101 CONVERS ABOUT LUSOPHONE WORLD. 3.00 points.

Prerequisites: *PORT W1220*.

Prerequisites: PORT W1220. This conversation class will help students develop their oral proficiency in Portuguese. We will discuss current events, participate in challenging pronunciation exercises, improve understanding of Portuguese idioms, develop conversation strengths, confront weaknesses, and increase fluency in spoken Portuguese

PORT UN3300 ADV LANGUAGE THROUGH CONTENT. 3.00 points.

Corequisites: PORT UN1220

Corequisites: PORT UN1220 An intensive exposure to advanced points of Portuguese grammar and structure through written and oral practice, along with an introduction to the basic principles of academic composition in Portuguese. This course is required for the concentration in Portuguese Studies. This course is intended to improve Portuguese language skills in grammar, comprehension, and critical thinking through an archive of texts from literature, film, music, newspapers, critical reception and more. To do so, we will work through Portuguese-speaking communities and cultures from Brazil, to Portugal and Angola, during the twentieth and twenty-first century, to consider the mode in which genre, gender and sexuality materialize and are codified, disoriented, made, unmade and refigured through cultural productions, bodies, nation and resistant vernaculars of aesthetics and performance, always attentive to the intersections of gender with class and racism

Fall 2022: PORT UN3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3300	001/10708	M W 10:10am - 11:25am 206 Casa Hispanica	Tulio Bucchioni	3.00	7/15

PORT UN3490 BRAZILIAN SOCIETY # CIV (ENG). 3.00 points.

Each week, a historical period is studied in connection to a particular theme of ongoing cultural expression. While diverse elements of popular culture are included, fiction is privileged as a source of cultural commentary. Students are expected to assimilate the background information but are also encouraged to develop their own perspective and interest, whether in the social sciences, the humanities (including the fine arts), or other areas

Fall 2022: PORT UN3490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3490	001/10706	T Th 2:40pm - 3:55pm 313 Pupin Laboratories	Joao Nemi Neto	3.00	16/20

Spring 2023: PORT UN3490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3490	001/11233	T Th 2:40pm - 3:55pm 224 Pupin Laboratories	Joao Nemi Neto	3.00	24/22

PORT UN2102 Intermed. Portuguese II. 4.00 points.

Prerequisites: PORT UN1120 or PORT UN1320 or the equivalent.

Prerequisites: PORT UN1120 or PORT UN1320 or the equivalent. General review of grammar, with emphasis on self-expression through oral and written composition, reading, conversation, and discussion

Fall 2022: PORT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2102	001/10710	M W 4:10pm - 6:00pm 325 Pupin Laboratories	Ana Huback	4.00	5/15

Spring 2023: PORT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 2102	001/11229	M W 6:10pm - 8:00pm 222 Pupin Laboratories	Ana Huback	4.00	6/15

CATALAN**CATL UN1120 COMPREHENSIVE BEG CATALAN. 4.00 points.**

An extensive introduction to the Catalan language with an emphasis on oral communication as well as the reading and writing practice that will allow the student to function comfortably in a Catalan environment

Fall 2022: CATL UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/12178	T Th 12:10pm - 2:00pm 254 International Affairs Bldg	Elsa Ubada	4.00	4/15

Spring 2023: CATL UN1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/15159	T Th 12:10pm - 2:00pm 254 International Affairs Bldg	Elsa Ubada	4.00	6/15

CATL UN2102 INTERMEDIATE CATALAN II. 4.00 points.

Prerequisites: CATL UN2101 or equivalent.

Prerequisites: CATL UN2101 or equivalent Catalan 1202 is the second part of Columbia University's intermediate Catalan sequence. Course goals are to enhance student exposure to various aspects of Catalan culture and to consolidate and expand reading, writing, speaking, and listening skills

Fall 2022: CATL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2102	001/12177	T Th 8:10am - 10:00am 254 International Affairs Bldg	Elsa Ubada	4.00	1/15

Spring 2023: CATL UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2102	001/15162	T Th 10:10am - 12:00pm 254 International Affairs Bldg	Elsa Ubada	4.00	4/15

CATL UN2101 INTERMEDIATE CATALAN I. 4.00 points.

Prerequisites: CATL W1120.

Prerequisites: CATL W1120. The first part of Columbia University's comprehensive intermediate Catalan sequence. The main objectives of this course are to continue developing communicative competence - reading, writing, speaking and listening comprehension - and to further acquaint students with Catalan cultures

Fall 2022: CATL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2101	001/12176	T Th 10:10am - 12:00pm 254 International Affairs Bldg	Elsa Ubada	4.00	4/15

Spring 2023: CATL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 2101	001/15163	T Th 8:10am - 10:00am 254 International Affairs Bldg	Elsa Ubada	4.00	4/15

OF RELATED INTEREST

Africana Studies

AFRS GU4001	Afro-Latin America in the Artistic Imagination
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American Studies

AMST UN3920	SENIOR PROJECT COLLOQUIUM
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AMST UN3931	Topics in American Studies
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Anthropology

ANTH UN3983	Ideas and Society in the Caribbean
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Art History and Archaeology

AHIS G4085	Andean Art and Architecture
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Center for the Study of Ethnicity and Race

CSER UN1601	INTRODUCTION TO LATINO STUDIES
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CSER UN3926	LATIN MUSIC AND IDENTITY
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History

HIST GU4012	HISTORY OF THE CITY IN LATIN AMERICA (History)
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HIST GU4277	History of Urban Crime and Policing in Latin America in Global Perspective
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Institute for Comparative Literature and Society

CPLS UN3900	INTRO TO COMP LIT # SOCIETY
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Political Science

POLS UN3245	RACIAL AND ETHNIC POLITICS
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POLS UN3260	LATINO POLITICAL EXPERIENCE
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POLS UN3560	PLCS URBAN DEV LATIN AMERICA
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POLS GU4461	Latin American Politics
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Sociology

SOCI V3247	The Immigrant Experience, Old and New
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LINGUISTICS

Director of Undergraduate Studies: Prof. Meredith Landman, ml4263@columbia.edu

Program Director: Prof. John McWhorter, jm3156@columbia.edu

In any discussion of linguistics, in popular or academic contexts, the first question is always, what is linguistics, after all? This is remarkable. Language informs most of our mental and cultural activity, and linguistics is the just study of language.

Linguistics, especially since the 1960s, has become a highly multifarious, and even sprawling, field of inquiry. This requires that a major acquaint students with a number of subfields, all of which are crucial to understanding what modern linguistic analysis is about, and foster interdisciplinary inquiry as well.

To wit, the person with a basic foundation in what constitutes linguistic study in our times (including realistic training for graduate study if desired) understands:

- the basics of grammatical analysis in terms of sounds and sentence structure
- how languages change over time
- the mechanics of how languages express meaning and implication
- the details and nuances of how language is used in social space
- the ways and extent to which the world's 7000 languages differ from one another
- the relationship between language and cognition writ large

STUDY ABROAD

Undergraduates have engaged in unique travel and research projects, including sign language in Nicaragua; language attitudes in Kyrgyzstan; colloquial Arabic in Cairo; summer internship at the Max Planck Institute for Evolutionary Biology; and study abroad in Spain, England, India, Hungary, and Ireland.

GRADUATE STUDY

Columbia's linguists have distinguished themselves with awards and plans after graduation, such as Fulbright Fellowships to France, Georgia, and Turkey; and graduate study of linguistics or psychology at Harvard, Stanford, UCSD, Northwestern, New York University, and SUNY Buffalo. Linguistics is also a natural background for the law, and our students have entered such law schools as Georgetown and Columbia.

There is no graduate program in linguistics at Columbia. Students interested in pursuing graduate study in linguistics in New York should investigate CUNY Graduate Center, New York University, or Teachers College (applied linguistics).

AFFILIATED FACULTY

May Ahmar (Arabic; MESAAS)
 Akeel Bilgrami (Philosophy)
 Guadalupe Ruiz Fajardo (Latin American and Iberian Cultures)
 Aaron Fox (Music)
 Melissa Fusco (Philosophy)
 Haim Gaifman (Philosophy)
 Boris Gasparov (Slavic Languages)
 E. Mara Green, (Anthropolgy, Barnard)
 Julia Hirschberg (Computer Science)
 Ana Paula Huback (Latin American and Iberian Studies)
 Meredith Landman (Slavic Languages)
 Karen Lewis (Philosophy, Barnard)
 Lening Liu (Chinese; East Asian Languages and Cultures)
 Reyes Llopis-Garcia (Latin American and Iberian Cultures)
 David Lurie (Japanese; East Asian Languages and Cultures)
 Kathleen McKeown (Computer Science)
 John McWhorter (American Studies)

Yuan-Yuan Meng (Chinese; East Asian Languages and Cultures)
 Michele Miozzo (Psychology)
 Fumiko Nazikian (Japanese; East Asian Languages and Cultures)
 Youssef Nouhi (Arabic; MESAAS)
 Christopher Peacocke (Philosophy)
 John Phan (East Asian Languages and Cultures)
 Robert Remez (Psychology, Barnard)
 Francisco Rosales-Varo (Latin American and Iberian Studies)
 Carol Rounds (Hungarian; Italian)
 José Plácido Ruiz-Campillo (Latin American and Iberian Studies)
 Richard Sacks (English and Comparative Literature)
 Ann Senghas (Psychology, Barnard)
 Mariame Sy (Wolof; Pulaar; MESAAS)
 Herbert Terrace (Psychology)
 Alan Timberlake (Slavic Languages)
 Zhirong Wang (Chinese; East Asian Languages and Cultures)

MAJOR IN LINGUISTICS

The complete major requirement – totaling 38 points – is the following:

1. LING UN3101 INTRODUCTION TO LINGUISTICS (3pts.)
2. LING GU4376 PHONETICS # PHONOLOGY (3pts.)
3. LING GU4903 SYNTAX (3pts.)
4. One course from four out of five themes (12 pts. total):

a) Language in time

Content: Historical linguistics, as in how grammars transform over time (such as the development of Modern from Old English) in terms of sounds, structures, and meaning

LING GU4108 LANGUAGE HISTORY
 ENGL GU4901 HISTORY OF THE ENGLISH LANGUAGE
 CHNS GU4019 HISTORY OF CHINESE LANGUAGE

b) Language in context

Content: How language varies in structure and usage according to sociological factors such as gender, class, race, power and culture

LING GU4800 LANGUAGE # SOCIETY
 LING UN3102 Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC
 ANTH UN1009 INTRO TO LANGUAGE # CULTURE
 ANTH GR6067 Language and Its Limits (graduate seminar open to undergraduates)
 AMST UN3931 Topics in American Studies (Languages of America)
 AMST UN3931 Topics in American Studies (Language Contact)
 SPAN GU4010 LANGUAGE CROSSING IN LATINX CARIBBEAN CULTURAL PRODUCTION

SPAN BC3382 SOCIOLING ASPECTS U.S.SPANISH (taught in Spanish)
 PORT GU4033 Language # Queer Brazil (ENG)

c) Language diversity

Content: How languages differ from one another and in which ways; especially valuable in this module are a) Field Methods, eliciting the vocabulary and structure of a lesser documented language by questioning a native speaker, in the fashion of professional linguists, b) courses focusing on the structure of individual languages

LING GU4120 LANG DOCUMENTATION/FIELD MTHDS
 LING GU4171 LANGUAGES OF AFRICA
 HNGR UN3343 Descriptive Grammar Hungarian

d) Language and meaning

Content: semantics, philosophy of language, cognitive linguistics, natural language processing

LING GU4190 DISCOURSE ANALYSIS
 PHIL UN2685 INTRO TO PHIL OF LANGUAGE
 SPAN GU4011 CONVERSATION IN SPANISH:PRACTICE AND ANA
 SPAN GR5450 A COGNITIVE LINGUISTICS ACCOUNT OF LANGUAGE
 SPAN GU4030 Spanish Pragmatics (taught in Spanish)

e) Psychology and biology of language

Content: psycholinguistics, neurolinguistics, language genesis. This is especially important given the burgeoning research on the actual structural representation of language in the brain, as well as increasingly influential proposals that ground language in larger thought processes (as opposed to the Chomskyan proposal that language is, to a considerable extent, generated via exclusive cognitive mechanisms).

LING UN3103 Language, Brain and Mind
 PSYC BC3164 PERCEPTION AND LANGUAGE
 PSYC GU4232 Production and Perception of Language
 PSYC BC3369 Language Development
 PSYC GU4242 Evolution of Language (seminar) (graduate seminar open to undergraduates)
 PSYC GU4244 LANGUAGE AND MIND
 PSYC GU4272 Advanced Seminar in Language Development
 PSYC GU4470 PSYCH # NEUROPSYCH OF LANGUAGE

4. One elective course (3 pts.) from either a) one of the themes, or b) a linguistics-related course from another department subject to approval from the program. This option will allow students to either sample more widely or specialize somewhat in a subarea of linguistics that has come to interest them.

5. Senior thesis (two semesters, 3 pts. per semester)

6. Language requirement: Two semesters of an intermediate-level language sequence (8 points). The language taken can be an ancient language (e.g., Latin, Ancient Greek, Sanskrit) or a modern one but should neither belong to one of the major groups of modern European languages (Germanic, Romance)

nor be the student's native or semi-native language. In addition, the language cannot also be used to satisfy the core language requirement.

SPECIAL CONCENTRATION IN LINGUISTICS

The special concentration in linguistics is not sufficient for graduation in and of itself. It must be taken in conjunction with a major or a full concentration in another discipline.

Please note: the requirements for the special concentration in Linguistics were modified in the Fall 2019 semester. Students who entered Columbia before the Fall 2019 semester have the option of following the new or the old requirements. If you have any questions, please contact the Director of Undergraduate Studies.

For the new requirements, students must take 23 points in the linguistics program as specified below.

For the old requirements, students must take 18 points; the requirements are specified below, with the exception that the language requirement is one language course at the intermediate level (4pts.), separate from the core curriculum foreign language requirement.

The requirements for the special concentration (23 points) are as follows:

1. Three core courses in linguistics chosen from:

LING UN3101 INTRODUCTION TO LINGUISTICS
 LING UN3102 Endangered Languages in the Global City:
 Lang, Culture, and Migration in Contemporary NYC
 LING UN3103 Language, Brain and Mind
 HNGR UN3343 Descriptive Grammar Hungarian
 LING GU4108 LANGUAGE HISTORY
 LING GU4120 LANG DOCUMENTATION/FIELD MTHDS
 LING GU4171 LANGUAGES OF AFRICA
 LING GU4190 DISCOURSE ANALYSIS
 LING GU4376 PHONETICS # PHONOLOGY
 LING GU4800 LANGUAGE # SOCIETY
 LING GU4903 SYNTAX

2. Two additional courses from either a) the core linguistics courses, or b) a linguistics-related course from another department subject to approval from the program. Courses previously approved include those listed below:

Anthropology:

ANTH UN1009 INTRO TO LANGUAGE # CULTURE
 ANTH GU4042 Agent, Person, Subject, Self
 ANTH GR6067 Language and Its Limits
 ANTH GR6125 Language, Culture, and Power

Chinese:

CHNS GU4019 HISTORY OF CHINESE LANGUAGE

Computer Science:

COMS W1012 Computational Linguistics
 COMS W4705 Natural Language Processing
 COMS W4995 Topics in Computer Science (with approval)
 COMS E6998 Topics in Computer Science (with approval)

Comparative Literature & Society:

CPLS GU4111 World Philology

French:

FREN BC3011 History of the French Language

Philosophy:

PHIL UN2685 INTRO TO PHIL OF LANGUAGE
 PHIL UN3411 SYMBOLIC LOGIC
 PHIL UN3685 PHILOSOPHY OF LANGUAGE
 PHIL GU4490 LANGUAGE AND MIND

Psychology:

PSYC UN2215 Cognition and the Brain
 PSYC UN2440: Language and the Brain
 PSYC UN2450 BEHAVIORAL NEUROSCIENCE
 PSYC BC3164 PERCEPTION AND LANGUAGE
 PSYC UN3265 Auditory Perception (Seminar)
 PSYC BC3369 Language Development
 PSYC GU4232 Production and Perception of Language
 PSYC GU4272 Advanced Seminar in Language Development

Spanish:

SPAN BC3382 SOCIOLING ASPECTS U.S.SPANISH
 SPAN GU4010 LANGUAGE CROSSING IN LATINX
 CARIBBEAN CULTURAL PRODUCTION
 SPAN GU4011 CONVERSATION IN SPANISH:PRACTICE
 AND ANA
 SPAN GU4030 Spanish Pragmatics
 SPAN GR5450 A COGNITIVE LINGUISTICS ACCOUNT
 OF LANGUAGE

Sociology:

SOCI GU4030 Sociology of Language

3. Language requirement: Two semesters of an intermediate-level language sequence (8 points). The language taken can be an ancient language (e.g., Latin, Ancient Greek, Sanskrit) or a modern one but should neither belong to one of the major groups of modern European languages (Germanic, Romance) nor be the student's native or semi-native language. In addition, the language cannot also be used to satisfy the core language requirement.

LINGUISTICS

LING UN3101 INTRODUCTION TO LINGUISTICS. 3.00 points.

An introduction to the study of language from a scientific perspective. The course is divided into three units: language as a system (sounds, morphology, syntax, and semantics), language in context (in space, time, and community), and language of the individual (psycholinguistics, errors, aphasia, neurology of language, and acquisition). Workload: lecture, weekly homework, and final examination

Fall 2022: LING UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3101	001/10613	T Th 2:40pm - 3:55pm 309 Havemeyer Hall	John McWhorter	3.00	166/300

LING UN3102 Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Of the world's estimated 7,000 languages – representing migrations and historical developments thousands of years old – the majority are oral, little-documented, and increasingly endangered under the onslaught of global languages like English. This course will take the unprecedented, paradoxical linguistic capital of New York City as a lens for examining how immigrants form communities in a new land, how those communities are integrated into the wider society, and how they grapple with linguistic and cultural loss. Interdisciplinary with an experiential learning component, the course will focus on texts, materials, encounters, and fieldwork with three of the city's newest and least-studied indigenous immigrant communities (indigenous Latin Americans, Himalayans, and Central Asians). Indigeneity, though often invisible or perceived as marginal in global cities like New York, is in fact pervasive and fundamental. Cities now constitute a crucial site for understanding migration and cultural change, with language a vehicle for culture. Studying cultures only in situ (i.e. in their homelands) risks missing a crucial dimension. Students will be immersed in stateless, oral, immigrant cultures while also gaining a hands-on critical understanding of language endangerment and urban sociolinguistic research, first through field experiences and guest speakers (Endangered Language Alliance partners) and then by going out together into communities to work on projects in small teams. The Endangered Language Alliance (ELA), where the instructor is Co-Director, was formed as a non-profit research institute in 2010 as a forum for researchers, community members, activists, artists, and other New Yorkers to come together to support indigenous and minority languages. ELA's video recordings provide first-hand testimony of endangered languages in the global city – in indigenous languages with English translation – available in few other places. Those texts will be central to this course, supplemented by the new, first-ever, detailed language map of New York City being produced by ELA

Fall 2022: LING UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3102	001/11078	T Th 4:10pm - 5:25pm 644 Seeley W. Mudd Building	Ross Perlin	3.00	29/30

LING UN3103 Language, Brain and Mind. 3.00 points.

The ability to speak distinguishes humans from all other animals, including our closest relatives, the chimpanzees. Why

is this so? What makes this possible? This course seeks to answer these questions. We will look at the neurological and psychological foundations of the human faculty of language. How did our brains change to allow language to evolve? Where in our brains are the components of language found? Are our minds specialized for learning language or is it part of our general cognitive abilities to learn? How are words and sentences produced and their meanings recognized? The structure of languages around the world varies greatly; does this have psychological effects for their speakers?

Fall 2022: LING UN3103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3103	001/11077	M W 2:40pm - 3:55pm 602 Hamilton Hall	William Foley	3.00	49/80

LING UN3997 Supervised Individual Research. 2-4 points.

LING UN3998 Supervised Individual Research. 2-4 points.
Supervised Individual Research

LING GU4108 LANGUAGE HISTORY. 3.00 points.

Prerequisites: LING UN3101

Prerequisites: LING UN3101 Language, like all components of culture, is structured and conventional, yet can nevertheless change over time. This course examines how language changes, firstly as a self-contained system that changes organically and autonomously, and secondly as contextualized habits that change in time, in space, and in communities. Workload: readings # discussion, weekly problems, and final examination

Fall 2022: LING GU4108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4108	001/10591	M W 11:40am - 12:55pm 304 Hamilton Hall	Meredith Landman	3.00	12/30

LING GU4120 LANG DOCUMENTATION/FIELD MTHDS. 3.00 points.

Prerequisites: LING UN3101

Prerequisites: LING UN3101 In light of the predicted loss of up to 90% of the world languages by the end of this century, it has become urgent that linguists take a more active role in documenting and conserving endangered languages. In this course, we will learn the essential skills and technology of language documentation through work with speakers of an endangered language

Spring 2023: LING GU4120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4120	001/11728	T Th 11:40am - 12:55pm 507 Hamilton Hall	Meredith Landman	3.00	12/15

LING GU4171 LANGUAGES OF AFRICA. 3.00 points.

The African continent is home not to simply a collection of similar "African dialects," but to at least 1000 distinct languages that belong to five language families, none of them any more closely related than English and its relatives are to Japanese. This includes the Semitic languages that emerged

in the Middle East and are now most commonly associated with Arabic and Hebrew, the famous "click" languages of Southern Africa whose origins are still shrouded by mystery, and in the case of Malagasy on Madagascar, the Austronesian family of Southeast Asia and Oceania - the language traces to speakers who travelled over the ocean from Borneo to Africa. This course will examine languages in all of these families, with a focus on how they demonstrate a wide array of linguistic processes and how they interact with social history, anthropology, and geography.

Spring 2023: LING GU4171

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4171	001/11719	T Th 2:40pm - 3:55pm 516 Hamilton Hall	John McWhorter	3.00	30/50

LING GU4172 The Structure of Cambodian. 3 points.

Like every other language, Cambodian is totally unique in some respects (these are of interest only to the language learner), and a representative human language in others (these are of interest to all students of language). Thus, for example, like every written language, Cambodian will exhibit diglossia: the grammar and the vocabulary of the written language will differ from that of the spoken language. It is also a member of a language family, known as Austroasiatic, whose members are spoken from NE India through Malaysia, Myanmar, and Indochina. In addition, Cambodian is a structural representative of a given type of language spoken throughout mainland Southeast Asia. That is, in many respects, the structure of Cambodian is similar to those of Lao, Thai, Vietnamese, as well as Hmong. In the "Far West" of SE Asia, are spoken other languages, among them Burmese, Mon, and Karen, which are still similar, but less so. All of these languages are isolating, monosyllabic languages. Of the languages just listed, only Vietnamese and Mon are genetically related to Cambodian. Finally, in its orthography and lexicon, Cambodian has borrowed so extensively from Indic languages, that all literate speakers have a considerable background in practical etymology, and recognize borrowings from, say, Pali, as English speakers generally do not recognize borrowings from Norman French or Latin or Greek. Since the Indic languages belong to Indoeuropean, some unexpected words in Cambodian (e.g. *niam*, *smaeu*) will turn out to have English cognates (like *name*, *same*).

Your goal in this course is not to acquire a speaking knowledge of Khmer. (For that you would need a pedagogical grammar, a native-speaker instructor, and hours and hours of practice in the lab and in the classroom.) It is rather to understand from a linguist's point of view what it is that makes this language a typical language of this part of the world. We will be working through a reference grammar of the language together.

You are each also going to 'adopt' another mainland SE Asian language for purposes of comparison, to experience for yourself what it means for a language to be a member of a linguistic alliance or Sprachbund. You may select your own

'pet' language, and your assignment will then be to 'master' this language in the same way that you have 'mastered' Khmer.

LING GU4190 DISCOURSE ANALYSIS. 3.00 points.

Prerequisites: LING UN3101

Prerequisites: LING UN3101 How discourse works; how language is used: oral vs. written modes of language; the structure of discourse; speech acts and speech genres; the expression of power; authenticity; and solidarity in discourse, dialogicity, pragmatics, and mimesis

Spring 2023: LING GU4190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4190	001/11737	T Th 10:10am - 11:25am 703 Hamilton Hall	John Wright	3.00	15/25

LING GU4206 ADV GRAMMAR AND GRAMMARS. 3.00 points.

Prerequisites: LING UN3101 LING W3101.

An investigation of the possible types of grammatical phenomena (argument structure, tense/aspect/mood, relative clauses, classifiers, and deixis). This typological approach is enriched by the reading of actual grammars of languages from Asia, Africa, Australia, and the Americas in which grammatical descriptions are read with an eye to important notional concepts of grammar: reference and categorization, case and role of arguments with predicates (ergativity), tense/aspect/mood. Discussion of meaning is combined with attention to expression (that is, morphology), which yanks our attention towards language change (grammaticalization)

LING GU4376 PHONETICS # PHONOLOGY. 3.00 points.

Prerequisites: LING UN3101

Prerequisites: LING UN3101 An investigation of the sounds of human language, from the perspective of phonetics (articulation and acoustics, including computer-aided acoustic analysis) and phonology (the distribution and function of sounds in individual languages)

Spring 2023: LING GU4376

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4376	001/11723	M W 11:40am - 12:55pm 703 Hamilton Hall	Meredith Landman	3.00	35/50

LING GU4800 LANGUAGE # SOCIETY. 3.00 points.

How language structure and usage varies according to societal factors such as social history and socioeconomic factors, illustrated with study modules on language contact, language standardization and literacy, quantitative sociolinguistic theory, language allegiance, language, and power

LING GU4903 SYNTAX. 3.00 points.

Prerequisites: LING UN3101

Prerequisites: LING UN3101 Syntax - the combination of words - has been at the center of the Chomskyan revolution in Linguistics. This is a technical course which examines modern formal theories of syntax, focusing on later versions of

generative syntax (Government and Binding) with secondary attention to alternative models (HPSG, Categorical Grammar)

Fall 2022: LING GU4903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4903	001/10588	T Th 11:40am - 12:55pm 303 Hamilton Hall	Meredith Landman	3.00	30/30

MATHEMATICS

Departmental Undergraduate Office: 410 Mathematics;
212-854-2432

<http://www.math.columbia.edu/>

Director of Undergraduate Studies: Prof. Mu-Tao Wang, 514 Mathematics; 212-854-3052; mtwang@math.columbia.edu

Calculus Director: Prof. George Dragomir, 525 Mathematics; 212-854-2849; gd2572@columbia.edu

Computer Science-Mathematics Adviser:

Computer Science: Dr. Jae Woo Lee, 715 CEPSSR;
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Mathematics: Prof. Chiu-Chu Melissa Liu, 623 Mathematics; 212-854-2499; c_urban@math.columbia.edu
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Statistics: Ronald Neath, 612 Watson; 212-853-1398;
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Statistics: Gabriel Young, 610 Watson; 212-853-1395;
gjy2107@columbia.edu

The major in mathematics is an introduction to some of the highlights of the development of theoretical mathematics over the past four hundred years from a modern perspective. This study is also applied to many problems, both internal to mathematics and arising in other disciplines such as physics, cryptography, and finance.

Majors begin by taking either Honors mathematics or the calculus sequence. Students who do not take MATH UN1207 HONORS MATHEMATICS A and MATH UN1208 HONORS MATHEMATICS B normally take MATH UN2010 LINEAR ALGEBRA in the second year. Following this, majors begin to learn some aspects of the main branches of modern mathematics: algebra, analysis, and geometry; as well as

some of their subdivisions and hybrids (e.g., number theory, differential geometry, and complex analysis). As the courses become more advanced, they also become more theoretical and proof-oriented and less computational.

Aside from the courses offered by the Mathematics Department, cognate courses in areas such as astronomy, chemistry, physics, probability, logic, economics, and computer science can be used toward the major. A cognate course must be a 2000-level (or higher) course and must be approved by the director of undergraduate studies. In general, a course not taught by the Mathematics Department is a cognate course for the mathematics major if either (a) it has at least two semesters of calculus as a stated prerequisite, or (b) the subject matter in the course is mathematics beyond an elementary level, such as PHIL UN3411 SYMBOLIC LOGIC, in the Philosophy Department, or COMS W3203 DISCRETE MATHEMATICS, in the Computer Science Department.

Another requirement for majors is participation in an undergraduate seminar, usually in the junior or senior year. Applied math majors must take the undergraduate seminar in both the junior and senior year. In these seminars, students gain experience in learning an advanced topic and lecturing on it. In order to be eligible for departmental honors, majors must write a senior thesis.

COURSES FOR FIRST-YEAR STUDENTS

The systematic study of mathematics begins with one of the following three alternative calculus and linear algebra sequences:

MATH UN1101 - MATH UN1102 - MATH UN1201 - MATH UN1202 - MATH UN2010	CALCULUS I and CALCULUS II and CALCULUS III and CALCULUS IV and LINEAR ALGEBRA
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OR

MATH UN1101 - MATH UN1102 - MATH UN1205 - MATH UN2010	CALCULUS I and CALCULUS II and ACCELERATED MULTIVARIABLE CALC and LINEAR ALGEBRA
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OR

MATH UN1101 - MATH UN1102 - MATH UN1207 - MATH UN1208	CALCULUS I and CALCULUS II and HONORS MATHEMATICS A and HONORS MATHEMATICS B
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Credit is allowed for only one calculus and linear algebra sequence.

Calculus I, II is a standard course in single-variable differential and integral calculus; *Calculus III, IV* is a standard course in multivariable differential and integral calculus; *Accelerated*

Multivariable Calculus is an accelerated course in multivariable differential and integral calculus.

While *Calculus II* is no longer a prerequisite for *Calculus III*, students are strongly urged to take it before taking *Calculus III*. In particular, students thinking of majoring or concentrating in mathematics or one of the joint majors involving mathematics should take *Calculus II* before taking *Calculus III*. Note that *Calculus II* is a prerequisite for Accelerated Multivariable Calculus, and both *Calculus II* and *Calculus III* are prerequisites for *Calculus IV*.

The third sequence, *Honors Mathematics A- B*, is for exceptionally well-qualified students who have strong Advanced Placement scores. It covers multivariable calculus (MATH UN1201 CALCULUS III- MATH UN1202 CALCULUS IV) and linear algebra (MATH UN2010 LINEAR ALGEBRA), with an emphasis on theory.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 4 or 5 on the AP Calculus AB exam provided students complete MATH UN1102 CALCULUS II or MATH UN1201 CALCULUS III with a grade of C or better. The department grants 3 credits for a score of 4 on the AP Calculus BC exam provided students complete MATH UN1102 CALCULUS II or MATH UN1201 CALCULUS III with a grade of C or better. The department grants 6 credits for a score of 5 on the AP Calculus BC exam provided students complete MATH UN1201 CALCULUS III or MATH UN1205 ACCELERATED MULTIVARIABLE CALC MATH UN1207 HONORS MATHEMATICS A with a grade of C or better. Students can receive credit for only one calculus sequence.

PLACEMENT IN THE CALCULUS SEQUENCES

Calculus I

Students who have essentially mastered a precalculus course and those who have a score of 3 or less on an Advanced Placement (AP) exam (either AB or BC) should begin their study of calculus with MATH UN1101 CALCULUS I.

Calculus II and III

Students with a score of 4 or 5 on the AB exam, 4 on the BC exam, or those with no AP score but with a grade of A in a full year of high school calculus may begin with either MATH UN1102 CALCULUS II or MATH UN1201 CALCULUS III. Note that such students who decide to start with *Calculus III* may still need to take *Calculus II* since it is a requirement or prerequisite for other courses. In particular, they MUST take *Calculus II* before going on to MATH UN1202 CALCULUS IV. Students with a score of 5 on the BC exam may begin with *Calculus III* and do not need to take *Calculus II*.

Those with a score of 4 or 5 on the AB exam or 4 on the BC exam may receive 3 points of AP credit upon completion of *Calculus II* with a grade of C or higher. Those students with a score of 5 on the BC exam may receive 6 points of AP credit upon completion of *Calculus III* with a grade of C or higher.

Accelerated Multivariable Calculus

Students with a score of 5 on the AP BC exam or 7 on the IB HL exam may begin with MATH UN1205 ACCELERATED MULTIVARIABLE CALC. Upon completion of this course with a grade of C or higher, they may receive 6 points of AP credit.

Honors Mathematics A

Students who want a proof-oriented theoretical sequence and have a score of 5 on the BC exam may begin with MATH UN1207 HONORS MATHEMATICS A, which is especially designed for mathematics majors. Upon completion of this course with a grade of C or higher, they may receive 6 points of AP credit.

TRANSFERS INSIDE THE CALCULUS SEQUENCES

Students who wish to transfer from one calculus course to another are allowed to do so beyond the date specified on the Academic Calendar. They are considered to be adjusting their level, not changing their program. However, students must obtain the approval of the new instructor and their advising dean prior to reporting to the Office of the Registrar.

GRADING

No course with a grade of D or lower can count toward the major, interdepartmental major, or concentration. Students who are doing a double major cannot double count courses for their majors.

SENIOR THESIS AND DEPARTMENTAL HONORS

In order to be eligible for departmental honors, majors must write a senior thesis. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

A Senior Thesis in Mathematics is an original presentation of a subject in pure or applied mathematics from sources in the published literature. The thesis must demonstrate significant independent work of the author. A thesis is expected to be between 20 and 50 pages with complete references and must have a substantial expository component to be well received.

A student who is interested in writing a senior thesis needs to identify a faculty member in the Department of Mathematics as an advisor, determine an appropriate topic, and receive the written approval from the faculty advisor and the DUS. The research of the thesis is conducted primarily during the fall

term and the final paper is submitted to the DUS by the end of March.

Students must register for MATH UN3994 Senior Thesis in Mathematics I (4 credits) in the fall semester of their senior year. An optional continuation course MATH UN3995 Senior Thesis in Mathematics II (2 credits) is available during the spring. The second term of this sequence may not be taken without the first. Registration for the spring continuation course has no impact on the timeline or outcome of the final paper. Sections of Senior Thesis in Mathematics I and II do NOT count towards the major requirements, with the exception of an advanced written approval by the DUS.

PROFESSORS

- Mohammed Abouzaid
- David A. Bayer (Barnard)
- Andrew Blumberg
- Simon Brendle
- Ivan Corwin
- Panagiota Daskalopoulos
- Aise Johan de Jong (Department Chair)
- Daniela De Silva (Barnard Chair)
- Julien Dubedat
- Robert Friedman
- Dorian Goldfeld
- Brian Greene
- Richard Hamilton
- Michael Harris
- Ioannis Karatzas
- Mikhail Khovanov
- Chiu-Chu Liu
- Dusa McDuff (Barnard)
- Andrei Okounkov
- D. H. Phong
- Henry Pinkham
- Ovidiu Savin
- Michael Thaddeus
- Eric Urban
- Mu-Tao Wang

ASSOCIATE PROFESSORS

- Amol Aggarwal
- Chao Li
- Lindsay Piechnik (Barnard)
- Will Sawin

ASSISTANT PROFESSORS

- Elena Giorgi
- Francesco Lin
- Giulia Sacca

J.F. RITT ASSISTANT PROFESSORS

- Rostislav Akhmechet
- Konstantin Aleshkin
- Amadou Bah
- Marco Castronovo
- Sam Collingbourne
- Andres Fernandez-Herrero
- Florian Johné
- Inbar Klang
- S. Michael Miller Eismeier
- Gyu-jin Oh
- Tudor Padurariu
- Akash Sengupta
- Xi Sisi Shen

SENIOR LECTURERS IN DISCIPLINE

- Lars Nielsen
- Mikhail Smirnov
- Peter Woit

LECTURERS IN DISCIPLINE

- George Dragomir
- Gerhard Hinkle

ON LEAVE

- Profs. Aggarwal, Corwin, Giorgi, Klang, Krichever, Okounkov (*Fall 2022*)
- Profs. Abouzaid, Aggarwal, Brendle, Friedman, Goldfeld, Oh, Okounkov (*Spring 2023*)

MAJOR IN MATHEMATICS

The major requires 40-42 points as follows:

Select one of the following three calculus and linear algebra sequences (13-15 points including Advanced Placement Credit):

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN1202	and CALCULUS IV
- MATH UN2010	and LINEAR ALGEBRA ¹

OR

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1205	and ACCELERATED
- MATH UN2010	MULTIVARIABLE CALC
	and LINEAR ALGEBRA ¹

OR

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1207	and HONORS MATHEMATICS
- MATH UN1208	A
	and HONORS MATHEMATICS
	B

15 points in the following courses:

MATH GU4041	INTRO MODERN ALGEBRA I
MATH GU4042	INTRO MODERN ALGEBRA II
MATH GU4061	INTRO MODERN ANALYSIS I ²
MATH GU4062	INTRO MODERN ANALYSIS II
	²

MATH UN3951	UNDERGRADUATE
	SEMINARS I ³
or MATH UN3952	UNDERGRADUATE SEMINARS II

12 points from the following:

- 1) Courses offered by the department numbered 2000 or higher
- 2) Courses from the list of approved cognate courses below. A maximum of 6 credits may be taken from courses outside the department. ⁴

1

UN2015 (Linear Algebra and Probability) does NOT replace UN2010 (Linear Algebra) as prerequisite requirements of math courses. Students will not receive full credit for both courses UN2010 and UN2015.

2

Students who are not contemplating graduate study in mathematics may replace one or both of the two terms of MATH GU4061- MATH GU4062 by one or two of the following courses: MATH UN2500 ANALYSIS AND OPTIMIZATION, MATH UN3007 COMPLEX VARIABLES, MATH UN3028 PARTIAL DIFFERENTIAL EQUATIONS, or MATH GU4032 FOURIER ANALYSIS.

3

Only one section of the Undergraduate Seminar may count towards the major requirements.

4

Additional courses may be selected only with prior written approval from the Director of Undergraduate Studies.

The program of study should be planned with a departmental adviser before the end of the sophomore year. Majors who are planning on graduate studies in mathematics are urged to obtain a reading knowledge of one of the following languages: French, German, or Russian.

Majors are offered the opportunity to write an honors senior thesis under the guidance of a faculty member. Interested students should contact the director of undergraduate studies.

Approved Cognate Courses 1	Approved Cognate Courses 2	Approved Cognate Courses 3
APMA E4300 COMBINED MATH:INTRO-NUMERCL METH	ECON UN3025 FINANCIAL ECONOMICS	PHYS UN2601 PHYSICS III:CLASS/QUANTUM WAVE
APMA E4302 METH IN COMPUTATIONAL SCI	ECON BC3035 INTERMEDIATE THEORY	PHYS UN2801 ACCELERATED PHYSICS I
CHEM UN3079 PHYSICAL CHEMISTRY I-LECTURES	ECON UN3211 INTERMEDIATE MICROECONOMICS	PHYS UN3003 MECHANICS
CHEM UN3080 PHYSICAL CHEMISTRY II-LECTURES	ECON UN3213 INTERMEDIATE MACROECONOMICS	PHYS UN3008 ELECTROMAGNETIC WAVES # OPTICS
COMS W3134 Data Structures in Java	ECON UN3265 MONEY AND BANKING	PHYS GU4011 PARTICLES AND ASTROPHYS # COSMOLOGY
COMS W3157 ADVANCED PROGRAMMING	ECON UN3412 INTERMEDIATE ECONOMETRICS	PHYS GU4018 SOLID STATE PHYSICS
COMS W3203 DISCRETE MATHEMATICS	ECON GU4020 ECONOMIC UNCERTAINTY # INFORMTN	PHYS GU4019 MATH METHODS OF PHYSICS
COMS W3261 COMPUTER SCIENCE THEORY	ECON GU4230 ECONOMIC THEORY	PHYS GU4021 QUANTUM MECHANICS I
COMS W4111 INTRODUCTION TO DATABASES	ECON GU4280 CORPORATE FINANCE	PHYS GU4022 QUANTUM MECHANICS II
COMS W4160 COMPUTER GRAPHICS	ECON GU4415 GAME THEORY	PHYS GU4023 THERMODYNAMICS # STATISTICAL PHYSICS
COMS W4162 Advanced Computer Graphics	ECON GU4710 FINANCIAL THEORY AND THE REAL ECONOMY	PHYS GU4040 INTRO TO GENERAL RELATIVITY
COMS W4203 Graph Theory	EESC GU4008 Introduction to Atmospheric Science	POLS GU4700 MATH METHODS FOR STATISTICS
COMS W4261 INTRODUCTION TO CRYPTOGRAPHY	EESC GU4090 INTRODUCTION TO ENTREPRENEURSHIP	POLI SCI
COMS W4460 PRINCIPLES OF INNOVATION/ENTREPRENEURSHIP	EESC GU4090 INTRODUCTION TO ENTREPRENEURSHIP	STAT UN3106 APPLIED MACHINE LEARNING
COMS W4701 ARTIFICIAL INTELLIGENCE	EIEOR E3106 STOCHASTIC SYSTEMS AND APPLICATIONS	STAT GU4001 INTRODUCTION TO PROBABILITY AND STATISTICS
COMS W4771 MACHINE LEARNING	EIEOR E3658 PROBABILITY FOR ENGINEERS	STAT GU4203 PROBABILITY THEORY
COMS W4773 Machine Learning Theory	EIEOR E3658 PROBABILITY FOR ENGINEERS	STAT GU4204 STATISTICAL INFERENCE
CSEE W3827 FUNDAMENTALS OF COMPUTER SYSTS	EIEOR E3658 PROBABILITY FOR ENGINEERS	STAT GU4205 LINEAR REGRESSION MODELS
CSOR W4231 ANALYSIS OF ALGORITHMS I	EIEOR E3658 PROBABILITY FOR ENGINEERS	STAT GU4206 STAT COMP # INTRO DATA SCIENCE
CSOR W4246 ALGORITHMS FOR DATA SCIENCE	EIEOR E3658 PROBABILITY FOR ENGINEERS	STAT GU4207 ELEMENTARY STOCHASTIC PROCESS
CSPH G4801 Mathematical Logic I	PHIL GU4424 MODAL LOGIC	

CSPH G4802 Math Logic II: Incompleteness

PHIL GU4561 PROBABILITY # DECISION THEORY
PHIL GU4810 LATTICES AND BOOLEAN ALGEBRA

MAJOR IN APPLIED MATHEMATICS

The major requires 37-41 points as follows:

Select one of the following three calculus and linear algebra sequences (13-15 points including Advanced Placement

ROMAGNETIC

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN1202	and CALCULUS IV
- MATH UN2010	and LINEAR ALGEBRA ¹

OR

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1205	and ACCELERATED
- MATH UN2010	MULTIVARIABLE CALC and LINEAR ALGEBRA ¹

OR

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1207	and HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B

Select one of the following three courses. The selected course may not count as an elective.

MATH UN2500	ANALYSIS AND OPTIMIZATION
MATH GU4032	FOURIER ANALYSIS
MATH GU4061	INTRO MODERN ANALYSIS I
APMA E4901	SEM-PROBLEMS IN APPLIED MATH (junior year)
APMA E4903	SEM-PROBLEMS IN APPLIED MATH (senior year)

18 points in electives, with at least 9 points from the following courses. A maximum of 9 points may be selected from courses outside this list, with prior written approval from the Director of Undergraduate Studies.

MATH UN2500	ANALYSIS AND OPTIMIZATION
MATH UN2030	ORDINARY DIFFERENTIAL EQUATIONS
MATH UN3007	COMPLEX VARIABLES
or MATH GU4065	HONORS COMPLEX VARIABLES
or APMA E4204	FUNCTNS OF A COMPLEX VARIABLE
MATH UN3028	PARTIAL DIFFERENTIAL EQUATIONS
or APMA E4200	PARTIAL DIFFERENTIAL EQUATIONS
or APMA E6301	ANALYTIC METHODS FOR PDE'S

MATH GU4032	FOURIER ANALYSIS
APMA E4300	COMPUT MATH:INTRO- NUMERCL METH
APMA E4101	APPL MATH III:DYNAMICAL SYSTMS
APMA E4150	APPLIED FUNCTIONAL ANALYSIS
APMA E4400	INTRO TO BIOPHYSICAL MODELING

1

UN2015 (Linear Algebra and Probability) does NOT replace UN2010 (Linear Algebra) as prerequisite requirements of math courses. Students will not receive full credit for both courses UN2010 and UN2015.

MAJOR IN COMPUTER SCIENCE– MATHEMATICS

The goal of this interdepartmental major is to provide substantial background in each of these two disciplines, focusing on some of the parts of each which are closest to the other. Students intending to pursue a Ph.D. program in either discipline are urged to take additional courses, in consultation with their advisers.

The major requires 20 points in computer science, 19-21 points in mathematics, and two 3-point electives in either computer science or mathematics.

Computer Science

COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	Honors Introduction to Computer Science
COMS W3134	Data Structures in Java
or COMS W3137	HONORS DATA STRUCTURES # ALGOL
COMS W3157	ADVANCED PROGRAMMING
COMS W3203	DISCRETE MATHEMATICS
COMS W3261	COMPUTER SCIENCE THEORY
CSEE W3827	FUNDAMENTALS OF COMPUTER SYSTS

Mathematics

Select one of the following three calculus and linear algebra sequences (13-15 points including Advanced Placement Credit):

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN1202	and CALCULUS IV
- MATH UN2010	and LINEAR ALGEBRA ¹

OR

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1205	and ACCELERATED
- MATH UN2010	MULTIVARIABLE CALC and LINEAR ALGEBRA ¹

OR

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1207	and HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B

MATH UN3951	UNDERGRADUATE SEMINARS I
or MATH UN3952	UNDERGRADUATE SEMINARS II

MATH GU4041	INTRO MODERN ALGEBRA I
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Electives

Select two of the following courses:

CSOR W4231	ANALYSIS OF ALGORITHMS I
COMS W4241	Numerical Algorithms and Complexity
MATH BC2006	COMBINATORICS
MATH UN2500	ANALYSIS AND OPTIMIZATION
MATH UN3007	COMPLEX VARIABLES
MATH UN3020	NUMBER THEORY AND CRYPTOGRAPHY
MATH UN3386	DIFFERENTIAL GEOMETRY
MATH GU4051	TOPOLOGY
MATH GU4061	INTRO MODERN ANALYSIS I

1

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MAJOR IN ECONOMICS– MATHEMATICS

For a description of the joint major in economics-mathematics, see the *Economics* section of this bulletin.

MAJOR IN MATHEMATICS– STATISTICS

The program is designed to prepare the student for: (1) a career in industries such as finance and insurance that require a high level of mathematical sophistication and a substantial knowledge of probability and statistics, and (2) graduate study in quantitative disciplines. Students choose electives in finance, actuarial science, operations research, or other quantitative fields to complement requirements in mathematics, statistics, and computer science.

Mathematics

Select one of the following sequences:

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN2010	and LINEAR ALGEBRA
- MATH UN2500	and ANALYSIS AND OPTIMIZATION ¹

OR

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1205	and ACCELERATED
- MATH UN2010	MULTIVARIABLE CALC
- MATH UN2500	and LINEAR ALGEBRA and ANALYSIS AND OPTIMIZATION ¹

OR

MATH UN1207	HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B
- MATH UN2500	and ANALYSIS AND OPTIMIZATION (with approval from the adviser)

Statistics**Introductory Course**

STAT UN1201	CALC-BASED INTRO TO STATISTICS
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Required Courses

STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS

Select one of the following courses:

STAT GU4207	ELEMENTARY STOCHASTIC PROCESS
STAT GU4262	Stochastic Processes for Finance
STAT GU4264	STOCHASTIC PROCESSES-APPLIED I
STAT GU4265	STOCHASTIC METHODS IN FINANCE

Computer Science

Select one of the following courses:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
ENGI E1006	INTRO TO COMP FOR ENG/APP SCI
COMS W1007	Honors Introduction to Computer Science

or an advanced computer science offering in programming

Electives

An approved selection of three advanced courses in mathematics, statistics, applied mathematics, industrial engineering and operations research, computer science, or approved mathematical methods courses in a quantitative discipline. At least one elective must be a Mathematics Department course numbered 3000 or above.

1

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Students interested in modeling applications are recommended to take MATH UN2030 ORDINARY DIFFERENTIAL EQUATIONS and MATH UN3028 PARTIAL DIFFERENTIAL EQUATIONS.

Students interested in finance are recommended to take MATH GR5010 INTRO TO THE MATH OF FINANCE, STAT GU4261 STATISTICAL METHODS IN FINANCE, and STAT GU4221 TIME SERIES ANALYSIS.

Students interested in graduate study in mathematics or in statistics are recommended to take MATH GU4061 INTRO MODERN ANALYSIS I and MATH GU4062 INTRO MODERN ANALYSIS II.

Students preparing for a career in actuarial science are encouraged to replace STAT GU4205 LINEAR REGRESSION MODELS with STAT GU4282 Linear Regression and Time Series Methods, and to take among their electives STAT GU4281 Theory of Interest.

CONCENTRATION IN MATHEMATICS

The concentration requires the following:

Mathematics

Select one of the following three multivariable calculus and linear algebra sequences:

MATH UN1201	CALCULUS III
- MATH UN1202	and CALCULUS IV
- MATH UN2010	and LINEAR ALGEBRA ¹

OR

MATH UN1205	ACCELERATED
- MATH UN2010	MULTIVARIABLE CALC and LINEAR ALGEBRA ¹

OR

MATH UN1207	HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B

Additional Courses

Select at least 12 additional points from any of the courses offered by the department numbered 2000 or higher. A maximum of 3 credits may be taken from courses outside the department. ²

1

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2

For mathematics courses taken in other departments, consult with the director of undergraduate studies.

Any course given by the Mathematics department fulfills the General Studies quantitative reasoning requirement when passed with a satisfactory letter grade.

MATH UN1003 COLLEGE ALGEBRA-ANLYTC GEOMETRY. 3.00 points.

Prerequisites: score of 550 on the mathematics portion of the SAT completed within the last year, or the appropriate grade on the General Studies Mathematics Placement Examination. For students who wish to study calculus but do not know analytic geometry. Algebra review, graphs and functions, polynomial functions, rational functions, conic sections, systems of equations in two variables, exponential and logarithmic functions, trigonometric functions and trigonometric identities, applications of trigonometry, sequences, series, and limits

Fall 2022: MATH UN1003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1003	001/00055	M W 6:10pm - 7:25pm 323 Milbank Hall	Lindsay Piechnik	3.00	27/30
MATH 1003	002/00056	T Th 2:40pm - 3:55pm 207 Milbank Hall	Lindsay Piechnik	3.00	27/30

Spring 2023: MATH UN1003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1003	001/12007	M W 11:40am - 12:55pm 407 Mathematics Building	Gerhardt Hinkle	3.00	19/30
MATH 1003	002/12008	T Th 6:10pm - 7:25pm 407 Mathematics Building	Gerhardt Hinkle	3.00	9/30

MATH UN1101 CALCULUS I. 3.00 points.

Prerequisites: (see Courses for First-Year Students). Functions, limits, derivatives, introduction to integrals, or an understanding of pre-calculus will be assumed. (SC)

Fall 2022: MATH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1101	001/12744	M W 11:40am - 12:55pm 203 Mathematics Building	Daniele Alessandrini	3.00	95/110
MATH 1101	002/12746	M W 1:10pm - 2:25pm 702 Hamilton Hall	Michael Thaddeus	3.00	76/85
MATH 1101	003/12748	M W 2:40pm - 3:55pm	Akash Sengupta	3.00	64/64

417 Mathematics Building

MATH 1101	004/12749	M W 4:10pm - 5:25pm 207 Mathematics Building	Akash Sengupta	3.00	108/110
MATH 1101	005/12751	T Th 10:10am - 11:25am 627 Seeley W. Mudd Building	Amadou Bah	3.00	49/52
MATH 1101	006/12752	T Th 11:40am - 12:55pm 633 Seeley W. Mudd Building	Gerhardt Hinkle	3.00	61/70
MATH 1101	008/00057	T Th 1:10pm - 2:25pm 405 Milbank Hall	Lindsay Piechnik	3.00	95/100
MATH 1101	009/12756	M W 6:10pm - 7:25pm 414 Pupin Laboratories	Robin Zhang	3.00	27/30
MATH 1101	010/12758	T Th 4:10pm - 5:25pm 407 Mathematics Building	Chaim Avram Zeff	3.00	33/35
MATH 1101	012/12760	T Th 2:40pm - 3:55pm 825 Seeley W. Mudd Building	Chilin Zhang	3.00	21/30
MATH 1101	013/20176	M W 4:10pm - 5:25pm 428 Pupin Laboratories	Nikolaos Apostolakis	3.00	56/110

Spring 2023: MATH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1101	001/00020	M W 6:10pm - 7:25pm L1002 Milstein Center	Lindsay Piechnik	3.00	98/100
MATH 1101	002/12019	M W 10:10am - 11:25am 402 Chandler	Marco Castronovo	3.00	44/110
MATH 1101	003/12020	M W 2:40pm - 3:55pm 407 Mathematics Building	Kuan-Wen Chen	3.00	15/30
MATH 1101	004/12021	T Th 11:40am - 12:55pm 312 Mathematics Building	Rostislav Akhmechet	3.00	58/110
MATH 1101	005/12022	T Th 2:40pm - 3:55pm 203 Mathematics Building	Luis Fernandez	3.00	44/110
MATH 1101	006/12023	T Th 4:10pm - 5:25pm 407 Mathematics Building	Chilin Zhang	3.00	7/30

MATH UN1102 CALCULUS II. 3.00 points.

Prerequisites: MATH UN1101 or the equivalent.

Prerequisites: MATH UN1101 or the equivalent. Methods of integration, applications of the integral, Taylors theorem, infinite series. (SC)

Fall 2022: MATH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1102	001/12761	M W 1:10pm - 2:25pm 203 Mathematics Building	Rostislav Akhmechet	3.00	69/110
MATH 1102	002/12763	M W 2:40pm - 3:55pm 203 Mathematics Building	Rostislav Akhmechet	3.00	68/110
MATH 1102	003/12765	M W 4:10pm - 5:25pm 407 Mathematics Building	Hindy Drillick	3.00	34/35
MATH 1102	004/12767	T Th 10:10am - 11:25am 312 Mathematics Building	Andres Fernandez Herrero	3.00	37/110
MATH 1102	005/12768	T Th 11:40am - 12:55pm 203 Mathematics Building	Andres Fernandez Herrero	3.00	65/110
MATH 1102	006/12771	T Th 6:10pm - 7:25pm 407 Mathematics Building	Haodong Yao	3.00	16/30

Spring 2023: MATH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1102	001/00021	T Th 2:40pm - 3:55pm 304 Barnard Hall	Lindsay Piechnik	3.00	99/100
MATH 1102	002/12024	M W 1:10pm - 2:25pm 407 Mathematics Building	Ryuichi Haney	3.00	17/30
MATH 1102	003/12025	M W 2:40pm - 3:55pm 417 Mathematics Building	Richard Hamilton	3.00	11/64
MATH 1102	004/12026	M W 6:10pm - 7:25pm 417 Mathematics Building	Elliott Stein	3.00	47/64
MATH 1102	005/12027	T Th 10:10am - 11:25am 203 Mathematics Building	Allen Yuan	3.00	43/100
MATH 1102	006/12028	T Th 11:40am - 12:55pm 203 Mathematics Building	Andres Fernandez Herrero	3.00	15/100
MATH 1102	007/12029	T Th 6:10pm - 7:25pm 417 Mathematics Building	Patrick Lei	3.00	7/30

MATH UN1201 CALCULUS III. 3.00 points.

Prerequisites: MATH UN1101 or the equivalent

Prerequisites: MATH UN1101 or the equivalent Vectors in dimensions 2 and 3, complex numbers and the complex exponential function with applications to differential equations, Cramers rule, vector-valued functions of one variable, scalar-valued functions of several variables, partial derivatives,

gradients, surfaces, optimization, the method of Lagrange multipliers. (SC)

Fall 2022: MATH UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1201	001/12774	M W 10:10am - 11:25am 207 Mathematics Building	Tudor Padurariu	3.00	106/110
MATH 1201	002/12776	M W 11:40am - 12:55pm 207 Mathematics Building	Tudor Padurariu	3.00	106/110
MATH 1201	003/12778	M W 1:10pm - 2:25pm 312 Mathematics Building	Sam Collingbourne	3.00	18/110
MATH 1201	004/12779	M W 2:40pm - 3:55pm 312 Mathematics Building	Sam Collingbourne	3.00	34/110
MATH 1201	005/12781	T Th 11:40am - 12:55pm 142 Uris Hall	Ilya Kofman	3.00	28/100
MATH 1201	006/12783	T Th 1:10pm - 2:25pm 203 Mathematics Building	Gyujin Oh	3.00	58/100
MATH 1201	007/12784	T Th 2:40pm - 3:55pm 207 Mathematics Building	Gyujin Oh	3.00	63/100
MATH 1201	008/12785	T Th 4:10pm - 5:25pm 312 Mathematics Building	George Dragomir	3.00	109/116

Spring 2023: MATH UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1201	001/12030	M W 10:10am - 11:25am 207 Mathematics Building	Xi Shen	3.00	46/100
MATH 1201	002/12031	M W 11:40am - 12:55pm 312 Mathematics Building	Chen-Chih Lai	3.00	56/100
MATH 1201	003/12032	M W 1:10pm - 2:25pm 203 Mathematics Building	Xi Shen	3.00	79/100
MATH 1201	004/12033	T Th 1:10pm - 2:25pm 207 Mathematics Building	Inbar Klang	3.00	107/100
MATH 1201	005/12034	T Th 2:40pm - 3:55pm 207 Mathematics Building	Inbar Klang	3.00	112/100
MATH 1201	006/19536	M W 6:10pm - 7:25pm 203 Mathematics Building	Tomasz Owsiak	3.00	37/100

MATH UN1202 CALCULUS IV. 3.00 points.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent Multiple integrals, Taylor's formula in several variables, line and surface integrals, calculus of vector fields, Fourier series. (SC)

Fall 2022: MATH UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1202	001/12786	M W 6:10pm - 7:25pm 312 Mathematics Building	Mikhail Smirnov	3.00	46/116
MATH 1202	002/15049	M W 2:40pm - 3:55pm 330 Uris Hall	Ivan Horozov	3.00	19/55

Spring 2023: MATH UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1202	001/00022	T Th 2:40pm - 3:55pm 504 Diana Center	Daniela De Silva	3.00	47/60
MATH 1202	002/00023	T Th 4:10pm - 5:25pm 328 Milbank Hall	Daniela De Silva	3.00	42/60

MATH UN1205 ACCELERATED MULTIVARIABLE CALC. 4.00 points.

Prerequisites: (MATH UN1101 and MATH UN1102)

Prerequisites: (MATH UN1101 and MATH UN1102) Vectors in dimensions 2 and 3, vector-valued functions of one variable, scalar-valued functions of several variables, partial derivatives, gradients, optimization, Lagrange multipliers, double and triple integrals, line and surface integrals, vector calculus. This course is an accelerated version of MATH UN1201 - MATH UN1202. Students taking this course may not receive credit for MATH UN1201 and MATH UN1202

Fall 2022: MATH UN1205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1205	001/12790	M W 1:10pm - 2:25pm 520 Mathematics Building	Mu-Tao Wang	4.00	25/49

Spring 2023: MATH UN1205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1205	001/12492	T Th 1:10pm - 2:25pm 141 Uris Hall	Sam Collingbourne	4.00	29/50

MATH UN1207 HONORS MATHEMATICS A. 4.00 points.

Prerequisites: (see Courses for First-Year Students). The second term of this course may not be taken without the first. Multivariable calculus and linear algebra from a rigorous point of view. Recommended for mathematics majors. Fulfills the linear algebra requirement for the major. (SC)

Fall 2022: MATH UN1207

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1207	001/12791	T Th 1:10pm - 2:25pm 417 Mathematics Building	Stephen Miller	4.00	48/64

MATH UN1208 HONORS MATHEMATICS B. 4.00 points.

Prerequisites: (see Courses for First-Year Students).

Prerequisites: (see Courses for First-Year Students). The second term of this course may not be taken without the first. Multivariable calculus and linear algebra from a rigorous point of view. Recommended for mathematics majors. Fulfills the linear algebra requirement for the major. (SC)

Spring 2023: MATH UN1208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1208	001/12494	T Th 1:10pm - 2:25pm 407 Mathematics Building	Stephen Miller	4.00	33/64

MATH UN2000 INTRO TO HIGHER MATHEMATICS. 3.00 points.

Introduction to understanding and writing mathematical proofs. Emphasis on precise thinking and the presentation of mathematical results, both in oral and in written form. Intended for students who are considering majoring in mathematics but wish additional training. CC/GS: Partial Fulfillment of Science Requirement. BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA)

Fall 2022: MATH UN2000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2000	001/00058	M W 10:10am - 11:25am L1104 Diana Center	Dusa McDuff	3.00	27/55

Spring 2023: MATH UN2000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2000	001/12495	T Th 1:10pm - 2:25pm 520 Mathematics Building	Francesco Lin	3.00	24/50

MATH BC2006 COMBINATORICS. 3.00 points.

Spring 2023: MATH BC2006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2006	001/00024	T Th 10:10am - 11:25am 328 Milbank Hall	David Bayer	3.00	60/56

MATH UN2010 LINEAR ALGEBRA. 3.00 points.

Prerequisites: MATH UN1201 or the equivalent.

Matrices, vector spaces, linear transformations, eigenvalues and eigenvectors, canonical forms, applications. (SC)

Fall 2022: MATH UN2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2010	001/00061	T Th 8:40am - 9:55am 328 Milbank Hall	David Bayer	3.00	41/56
MATH 2010	002/00062	T Th 10:10am - 11:25am 328 Milbank Hall	David Bayer	3.00	55/56
MATH 2010	003/12793	M W 10:10am - 11:25am 312 Mathematics Building	Marco Castronovo	3.00	47/100

MATH 004/12794 M W 11:40am - 12:55pm Marco 3.00 63/100
312 Mathematics Building

MATH 005/12796 T Th 4:10pm - 5:25pm Elliott Stein 3.00 52/64
417 Mathematics Building

Spring 2023: MATH UN2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 2010	001/12504	M W 10:10am - 11:25am 203 Mathematics Building	Amadou Bah	3.00	81/100
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MATH 2010	002/12541	M W 11:40am - 12:55pm 203 Mathematics Building	Amadou Bah	3.00	85/100
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MATH 2010	003/12543	T Th 1:10pm - 2:25pm 312 Mathematics Building	Jie Jun Morris Ang	3.00	72/100
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MATH 2010	004/12546	T Th 4:10pm - 5:25pm 203 Mathematics Building	Konstantin Aleshkin	3.00	58/100
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MATH 2010	005/12563	T Th 6:10pm - 7:25pm 203 Mathematics Building	Konstantin Aleshkin	3.00	29/100
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MATH UN2015 Linear Algebra and Probability. 3.00 points.

Linear algebra with a focus on probability and statistics. The course covers the standard linear algebra topics: systems of linear equations, matrices, determinants, vector spaces, bases, dimension, eigenvalues and eigenvectors, the Spectral Theorem and singular value decompositions. It also teaches applications of linear algebra to probability, statistics and dynamical systems giving a background sufficient for higher level courses in probability and statistics. The topics covered in the probability theory part include conditional probability, discrete and continuous random variables, probability distributions and the limit theorems, as well as Markov chains, curve fitting, regression, and pattern analysis. The course contains applications to life sciences, chemistry, and environmental life sciences. No a prior i background in the life sciences is assumed. This course is best suited for students who wish to focus on applications and practical approaches to problem solving. It is recommended to students majoring in engineering, technology, life sciences, social sciences, and economics. Math majors, joint majors, and math concentrators must take MATH UN2010 Linear Algebra, which focuses on linear algebra concepts and foundations that are needed for upper-level math courses. MATH UN2015 (Linear Algebra and Probability) does NOT replace MATH UN2010 (Linear Algebra) as prerequisite requirements of math courses. Students may not receive full credit for both courses MATH UN2010 and MATH UN2015

Fall 2022: MATH UN2015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 2015	001/12800	T Th 10:10am - 11:25am 520 Mathematics Building	George Dragomir	3.00	13/49
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Spring 2023: MATH UN2015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 2015	001/12568	T Th 11:40am - 12:55pm 207 Mathematics Building	George Dragomir	3.00	38/100
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MATH UN2030 ORDINARY DIFFERENTIAL EQUATIONS. 3.00 points.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent. Special differential equations of order one. Linear differential equations with constant and variable coefficients. Systems of such equations. Transform and series solution techniques. Emphasis on applications

Fall 2022: MATH UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 2030	001/12801	M W 1:10pm - 2:25pm 207 Mathematics Building	Konstantin Aleshkin	3.00	77/100
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MATH 2030	002/12805	T Th 11:40am - 12:55pm 312 Mathematics Building	Panagiota Daskalopoulos	3.00	43/100
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MATH 2030	003/12807	T Th 2:40pm - 3:55pm 312 Mathematics Building	Jorge Pineiro Barcelo	3.00	40/100
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Spring 2023: MATH UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 2030	001/12573	T Th 10:10am - 11:25am 312 Mathematics Building	Timothy Large	3.00	75/110
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MATH 2030	002/12584	T Th 11:40am - 12:55pm 614 Schermerhorn Hall	Florian Johne	3.00	30/110
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MATH UN2500 ANALYSIS AND OPTIMIZATION. 3.00 points.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent and MATH UN2010.

Prerequisites: MATH UN1102 and MATH UN1201 or the equivalent and MATH UN2010. Mathematical methods for economics. Quadratic forms, Hessian, implicit functions. Convex sets, convex functions. Optimization, constrained optimization, Kuhn-Tucker conditions. Elements of the calculus of variations and optimal control. (SC)

Fall 2022: MATH UN2500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 2500	001/12808	T Th 10:10am - 11:25am	Xi Shen	3.00	61/100
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MATH 2500	002/12809	203 Mathematics Building T Th 11:40am - 12:55pm 326 Uris Hall	Chen-Chih Lai	3.00	20/64
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Spring 2023: MATH UN2500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2500	001/12587	M W 1:10pm - 2:25pm 207 Mathematics Building	Julien Dubedat	3.00	20/100
MATH 2500	002/12594	M W 2:40pm - 3:55pm 207 Mathematics Building	Ivan Horozov	3.00	66/100

MATH UN3007 COMPLEX VARIABLES. 3.00 points.

Prerequisites: MATH UN1202 An elementary course in functions of a complex variable.

Prerequisites: MATH UN1202 An elementary course in functions of a complex variable. Fundamental properties of the complex numbers, differentiability, Cauchy-Riemann equations. Cauchy integral theorem. Taylor and Laurent series, poles, and essential singularities. Residue theorem and conformal mapping.(SC)

Fall 2022: MATH UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3007	001/12810	M W 2:40pm - 3:55pm 520 Mathematics Building	Ovidiu Savin	3.00	32/49

MATH UN3020 NUMBER THEORY AND CRYPTOGRAPHY. 3.00 points.

Prerequisites: one year of calculus.

Prerequisites: one year of calculus. Prerequisite: One year of Calculus. Congruences. Primitive roots. Quadratic residues. Contemporary applications

Spring 2023: MATH UN3020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3020	001/12598	M W 10:10am - 11:25am 312 Mathematics Building	Daniele Alessandrini	3.00	78/100

MATH UN3025 MAKING, BREAKING CODES. 3.00 points.

Prerequisites: (MATH UN1101 and MATH UN1102 and MATH UN1201) and and MATH UN2010.

Prerequisites: (MATH UN1101 and MATH UN1102 and MATH UN1201) and and MATH UN2010. A concrete introduction to abstract algebra. Topics in abstract algebra used in cryptography and coding theory

Fall 2022: MATH UN3025

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3025	001/12812	T Th 1:10pm - 2:25pm	Dorian Goldfeld	3.00	80/100

312 Mathematics
Building

MATH UN3028 PARTIAL DIFFERENTIAL EQUATIONS. 3.00 points.

Prerequisites: MATH UN3027 and MATH UN2010 or the equivalent

Prerequisites: (MATH UN2010 and MATH UN2030) or the equivalent introduction to partial differential equations. First-order equations. Linear second-order equations; separation of variables, solution by series expansions. Boundary value problems

Spring 2023: MATH UN3028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3028	001/12600	T Th 1:10pm - 2:25pm 203 Mathematics Building	Elena Giorgi	3.00	78/110

MATH UN3050 DISCRETE TIME MODELS IN FINANC. 3.00 points.

Prerequisites: (MATH UN1102 and MATH UN1201) or (MATH UN1101 and MATH UN1102 and MATH UN1201) and MATH UN2010 Recommended: MATH UN3027 (or MATH UN2030 and SIEO W3600).

Prerequisites: (MATH UN1102 and MATH UN1201) or (MATH UN1101 and MATH UN1102 and MATH UN1201) and MATH UN2010 Recommended: MATH UN3027 (or MATH UN2030 and SIEO W3600). Elementary discrete time methods for pricing financial instruments, such as options. Notions of arbitrage, risk-neutral valuation, hedging, term-structure of interest rates

Spring 2023: MATH UN3050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3050	001/12604	M W 6:10pm - 7:25pm 312 Mathematics Building	Mikhail Smirnov	3.00	56/64

MATH UN3386 DIFFERENTIAL GEOMETRY. 3.00 points.

Prerequisites: MATH UN1202 or the equivalent.

Local and global differential geometry of submanifolds of Euclidean 3-space. Frenet formulas for curves. Various types of curvatures for curves and surfaces and their relations. The Gauss-Bonnet theorem.

Fall 2022: MATH UN3386

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3386	001/12815	T Th 11:40am - 12:55pm 520 Mathematics Building	Richard Hamilton	3.00	15/30

MATH UN3951 UNDERGRADUATE SEMINARS I. 3.00 points.

Prerequisites: Two years of calculus, at least one year of additional mathematics courses, and the director of undergraduate studies' permission.

Prerequisites: Two years of calculus, at least one year of additional mathematics courses, and the director of undergraduate studies permission. The subject matter is announced at the start of registration and is different in each section. Each student prepares talks to be given to the seminar, under the supervision of a faculty member or senior teaching fellow

Fall 2022: MATH UN3951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3951	001/00059		Daniela De Silva	3.00	57/64

MATH UN3952 UNDERGRADUATE SEMINARS II. 3.00 points.

Prerequisites: two years of calculus, at least one year of additional mathematics courses, and the director of undergraduate studies' permission.

Prerequisites: two years of calculus, at least one year of additional mathematics courses, and the director of undergraduate studies' permission. The subject matter is announced at the start of registration and is different in each section. Each student prepares talks to be given to the seminar, under the supervision of a faculty member or senior teaching fellow. Prerequisite: two years of calculus, at least one year of additional mathematics courses, and the director of undergraduate studies' permission

Spring 2023: MATH UN3952

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3952	001/00025		David Bayer, Stephen Miller	3.00	73/80

MATH GU4007 ANALYTIC NUMBER THEORY. 3.00 points.

Prerequisites: MATH UN3007

Prerequisites: MATH UN3007 A one semester course covering the theory of modular forms, zeta functions, L -functions, and the Riemann hypothesis. Particular topics covered include the Riemann zeta function, the prime number theorem, Dirichlet characters, Dirichlet L-functions, Siegel zeros, prime number theorem for arithmetic progressions, SL (2, Z) and subgroups, quotients of the upper half-plane and cusps, modular forms, Fourier expansions of modular forms, Hecke operators, L-functions of modular forms

Spring 2023: MATH GU4007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4007	001/12608	T Th 11:40am - 12:55pm 520 Mathematics Building	William Sawin	3.00	4/30

MATH GU4032 FOURIER ANALYSIS. 3.00 points.

Prerequisites: three terms of calculus and linear algebra or four terms of calculus.

Prerequisites: three terms of calculus and linear algebra or four terms of calculus. Prerequisite: three terms of calculus and linear algebra or four terms of calculus. Fourier series and integrals, discrete analogues, inversion and Poisson summation formulae, convolution. Heisenberg uncertainty principle. Stress on the application of Fourier analysis to a wide range of disciplines

Fall 2022: MATH GU4032

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4032	001/12818	M W 10:10am - 11:25am 417 Mathematics Building	Simon Brendle	3.00	42/64

MATH GU4041 INTRO MODERN ALGEBRA I. 3.00 points.

Prerequisites: MATH UN1102 and MATH UN1202 and MATH UN2010 or the equivalent

Prerequisites: MATH UN1102 and MATH UN1202 and MATH UN2010 or the equivalent. The second term of this course may not be taken without the first. Groups, homomorphisms, normal subgroups, the isomorphism theorems, symmetric groups, group actions, the Sylow theorems, finitely generated abelian groups

Fall 2022: MATH GU4041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4041	001/12819	M W 2:40pm - 3:55pm 207 Mathematics Building	William Sawin	3.00	63/100

Spring 2023: MATH GU4041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4041	001/12610	T Th 10:10am - 11:25am 417 Mathematics Building	Nathan Chen	3.00	52/64

MATH GU4042 INTRO MODERN ALGEBRA II. 3.00 points.

Prerequisites: MATH UN1102 and MATH UN1202 and MATH UN2010 or the equivalent.

Prerequisites: MATH UN1102 and MATH UN1202 and MATH UN2010 or the equivalent. The second term of this course may not be taken without the first. Rings, homomorphisms, ideals, integral and Euclidean domains, the division algorithm, principal ideal and unique factorization domains, fields, algebraic and transcendental extensions, splitting fields, finite fields, Galois theory

Fall 2022: MATH GU4042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4042	001/12823	T Th 2:40pm - 3:55pm 407 Mathematics Building	Robert Friedman	3.00	18/30

Spring 2023: MATH GU4042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4042	001/12613	M W 2:40pm - 3:55pm 602 Hamilton Hall	Tudor Padurariu	3.00	34/100

MATH GU4043 ALGEBRAIC NUMBER THEORY. 3.00 points.

Prerequisites: MATH GU4041 and MATH GU4042 or the equivalent

Prerequisites: MATH GU4041 and MATH GU4042 or the equivalent Algebraic number fields, unique factorization of ideals in the ring of algebraic integers in the field into prime ideals. Dirichlet unit theorem, finiteness of the class number, ramification. If time permits, p-adic numbers and Dedekind zeta function

Spring 2023: MATH GU4043

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4043	001/12618	T Th 1:10pm - 2:25pm 307 Mathematics Building	Aise Johan de Jong	3.00	8/19

MATH GU4044 REPRESENTATNS OF FINITE GROUPS. 3.00 points.

Prerequisites: MATH UN2010 and MATH GU4041 or the equivalent.

Prerequisites: MATH UN2010 and MATH GU4041 or the equivalent. Finite groups acting on finite sets and finite dimensional vector spaces. Group characters. Relations with subgroups and factor groups. Arithmetic properties of character values. Applications to the theory of finite groups: Frobenius groups, Hall subgroups and solvable groups. Characters of the symmetric groups. Spherical functions on finite groups

Fall 2022: MATH GU4044

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4044	001/12825	T Th 1:10pm - 2:25pm 307 Mathematics Building	Chao Li	3.00	14/49

MATH GU4045 ALGEBRAIC CURVES. 3.00 points.

Prerequisites: (MATH GU4041 and MATH GU4042) and MATH UN3007

Prerequisites: (MATH GU4041 and MATH GU4042) and MATH UN3007 Plane curves, affine and projective varieties, singularities, normalization, Riemann surfaces, divisors, linear systems, Riemann-Roch theorem

Spring 2023: MATH GU4045

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4045	001/12621	M W 4:10pm - 5:25pm 507 Mathematics Building	Akash Sengupta	3.00	14/19

MATH GU4051 TOPOLOGY. 3.00 points.

Prerequisites: (MATH UN1202 and MATH UN2010) and rudiments of group theory (e.g., MATH GU4041). MATH UN1208 or MATH GU4061 is recommended, but not required.

Prerequisites: (MATH UN1202 and MATH UN2010) and rudiments of group theory (e.g. MATH GU4041). MATH UN1208 or MATH GU4061 is recommended, but not required.

Metric spaces, continuity, compactness, quotient spaces. The fundamental group of topological space. Examples from knot theory and surfaces. Covering spaces

Fall 2022: MATH GU4051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4051	001/12826	T Th 2:40pm - 3:55pm 417 Mathematics Building	Mikhail Khovanov	3.00	26/64

MATH GU4052 INTRODUCTION TO KNOT THEORY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: MATH GU4051 Topology and / or MATH GU4061 Introduction To Modern Analysis I (or equivalents). Recommended (can be taken concurrently): MATH UN2010 linear algebra, or equivalent.

Prerequisites: MATH GU4051 Topology and / or MATH GU4061 Introduction To Modern Analysis I (or equivalents). Recommended (can be taken concurrently): MATH UN2010 linear algebra, or equivalent. The study of algebraic and geometric properties of knots in \mathbb{R}^3 , including but not limited to knot projections and Reidemeisters theorem, Seifert surfaces, braids, tangles, knot polynomials, fundamental group of knot complements. Depending on time and student interest, we will discuss more advanced topics like knot concordance, relationship to 3-manifold topology, other algebraic knot invariants

Fall 2022: MATH GU4052

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4052	001/12828	M W 1:10pm - 2:25pm 307 Mathematics Building	Siddhi Krishna	3.00	7/19

MATH GU4053 INTRO TO ALGEBRAIC TOPOLOGY. 3.00 points.

Prerequisites: MATH UN2010 and MATH GU4041 and MATH GU4051

Prerequisites: MATH UN2010 and MATH GU4041 and MATH GU4051 The study of topological spaces from algebraic properties, including the essentials of homology and the fundamental group. The Brouwer fixed point theorem. The homology of surfaces. Covering spaces

Spring 2023: MATH GU4053

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4053	001/12625	T Th 2:40pm - 3:55pm	Mikhail Khovanov	3.00	15/35

417 Mathematics
Building

MATH GU4061 INTRO MODERN ANALYSIS I. 3.00 points.

Prerequisites: MATH UN1202 or the equivalent, and MATH UN2010. The second term of this course may not be taken without the first.

Prerequisites: MATH UN1202 or the equivalent, and MATH UN2010. The second term of this course may not be taken without the first. Real numbers, metric spaces, elements of general topology, sequences and series, continuity, differentiation, integration, uniform convergence, Ascoli-Arzelà theorem, Stone-Weierstrass theorem

Fall 2022: MATH GU4061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4061	001/12829	T Th 2:40pm - 3:55pm 203 Mathematics Building	Florian Johne	3.00	49/100
MATH 4061	002/12830	T Th 4:10pm - 5:25pm 203 Mathematics Building	Florian Johne	3.00	44/100

Spring 2023: MATH GU4061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4061	001/12628	M W 2:40pm - 3:55pm 203 Mathematics Building	Pfeffer Joshua	3.00	61/100

MATH GU4062 INTRO MODERN ANALYSIS II. 3.00 points.

Prerequisites: MATH UN1202 or the equivalent, and MATH UN2010. The second term of this course may not be taken without the first.

Prerequisites: MATH UN1202 or the equivalent, and MATH UN2010. The second term of this course may not be taken without the first. Power series, analytic functions, Implicit function theorem, Fubini theorem, change of variables formula, Lebesgue measure and integration, function spaces

Fall 2022: MATH GU4062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4062	001/12832	M W 4:10pm - 5:25pm 417 Mathematics Building	Milind Hegde	3.00	16/64

Spring 2023: MATH GU4062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4062	001/12629	T Th 4:10pm - 5:25pm 207 Mathematics Building	Jorge Pineiro Barcelo	3.00	25/110

MATH GU4065 HONORS COMPLEX VARIABLES. 3.00 points.

Prerequisites: (MATH UN1207 and MATH UN1208) or MATH GU4061

Prerequisites: (MATH UN1207 and MATH UN1208) or MATH GU4061 A theoretical introduction to analytic functions. Holomorphic functions, harmonic functions, power series, Cauchy-Riemann equations, Cauchy's integral formula, poles, Laurent series, residue theorem. Other topics as time permits: elliptic functions, the gamma and zeta function, the Riemann mapping theorem, Riemann surfaces, Nevanlinna theory

Fall 2022: MATH GU4065

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4065	001/12833	T Th 11:40am - 12:55pm 417 Mathematics Building	Francesco Lin	3.00	26/64

MATH GU4081 INTRO-DIFFERENTIABLE MANIFOLDS. 3.00 points.

Prerequisites: (MATH GU4051 or MATH GU4061) and MATH UN2010

Prerequisites: (MATH GU4051 or MATH GU4061) and MATH UN2010 Concept of a differentiable manifold. Tangent spaces and vector fields. The inverse function theorem. Transversality and Sard's theorem. Intersection theory. Orientations. Poincaré-Hopf theorem. Differential forms and Stokes theorem

Spring 2023: MATH GU4081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4081	001/00026	M W 10:10am - 11:25am 207 Milbank Hall	Dusa McDuff	3.00	20/40

MATH GU4155 PROBABILITY THEORY. 3.00 points.

Prerequisites: MATH GU4061 or MATH UN3007

Prerequisites: MATH GU4061 or MATH UN3007 A rigorous introduction to the concepts and methods of mathematical probability starting with basic notions and making use of combinatorial and analytic techniques. Generating functions. Convergence in probability and in distribution. Discrete probability spaces, recurrence and transience of random walks. Infinite models, proof of the law of large numbers and the central limit theorem. Markov chains

Spring 2023: MATH GU4155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4155	001/12633	T Th 1:10pm - 2:25pm 417 Mathematics Building	Ioannis Karatzas	3.00	25/64

MATH GU4391 INTRO TO QUANTUM MECHANICS. 3.00 points.

This course will focus on quantum mechanics, paying attention to both the underlying mathematical structures as well as their physical motivations and consequences. It is meant to be accessible to students with no previous formal training in quantum theory. The role of symmetry, groups and representations will be stressed

MATH GU4392 INTRO TO QUANTUM MECHANICS II.
3.00 points.
Not offered during 2022-23 academic year.

Continuation of GU4391. This course will focus on quantum mechanics, paying attention to both the underlying mathematical structures as well as their physical motivations and consequences. It is meant to be accessible to students with no previous formal training in quantum theory. The role of symmetry, groups and representations will be stressed

OF RELATED INTEREST

Computer Science

COMS W3203	DISCRETE MATHEMATICS
COMS W3251	COMPUTATIONAL LINEAR ALGEBRA
COMS W4203	Graph Theory

Industrial Engineering and Operations Research

CSOR E4010	GRAPH THEORY: COMBINATL VIEW
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Applied Mathematics

APMA E2101	INTRO TO APPLIED MATHEMATICS
APMA E4150	APPLIED FUNCTIONAL ANALYSIS

MEDIEVAL AND RENAISSANCE STUDIES

Program Director: Dr. Susan Boynton, Professor of Music, 621 Dodge Hall, slb184@columbia.edu

Program Administrator: Colleen Swift, 653-A Ext. Schermerhorn Hall, medren@columbia.edu

Medieval and Renaissance studies is an interdisciplinary program in which a student combines a concentration in medieval or Renaissance civilization with a major or concentration in one of the following departments:

- Art History and Archaeology
- Classics
- East Asian Languages and Cultures
- English and Comparative Literature
- French and Romance Philology
- Germanic Languages
- History
- Italian
- Latin American and Iberian Cultures
- Middle Eastern, South Asian, and African Studies
- Music
- Philosophy

- Religion
- Slavic Languages

For more information about the special concentration in medieval and Renaissance studies, visit <http://medren.columbia.edu/>.

EXECUTIVE COMMITTEE OF THE INTERDEPARTMENTAL COMMITTEE ON MEDIEVAL AND RENAISSANCE STUDIES

Christopher Baswell (English and Comparative Literature)
 Susan Boynton (Music; Program Director, Medieval and Renaissance Studies)
 Consuelo Dutschke (Rare Book and Manuscript Library)
 Rachel Eisendrath (Barnard Department of English, Barnard Medieval and Renaissance Studies)
 Carmela Franklin (Classics)
 Seth Kimmel (Latin American and Iberian Cultures)
 Adam Kosto (History)
 Pamela Smith (History)
 Alan Stewart (English and Comparative Literature)
 Jesus Rodriguez-Velasco (Latin American and Iberian Cultures)
 Michael Waters (Art History and Archaeology)
 Eliza Zingesser (French and Romance Philology)

Full Faculty List: <https://medren.columbia.edu/content/faculty> SPECIAL CONCENTRATION IN MEDIEVAL AND RENAISSANCE STUDIES

Students considering the special concentration in medieval and Renaissance studies should consult with the director in advance of course registration to ensure that their selection of courses will count towards the special concentration.

Please note that requirements for the Special Concentration were revised November 2017.

In addition to fulfilling the requirements for a departmental major or concentration, students with this special concentration should plan on taking an additional four (4) courses in other departments of the program, to be chosen in consultation with an appropriate member of the committee.

Students must also demonstrate an ability to work with original language sources (other than in Early Modern English) from the medieval and/or Early Modern periods, either through language coursework focusing on the historical language (e.g., LATN UN3033 MEDIEVAL LANGUAGE # LITERATURE, MDES GU4214 FOURTH YEAR CLASSICAL ARABIC I) or through research (e.g., a senior thesis or seminar paper with substantial use of original language sources). Any courses outside the major used to demonstrate the language requirement may also count toward the course requirement for the special

concentration. Students should gain approval of the director of the program in advance for plans to fulfill this language requirement.

MRST GU4201 History of the Medieval Book: Manuscripts as Material Culture. 4 points.

This course will study the medieval book as a multimedia physical and cultural artifact. We will begin with a study of the technology of book production from Late Antiquity through the High Middle Ages, including the shift from roll to codex, the preparation of parchment, the development of inks and pigments, and techniques for decoration. Next, the class will turn to the various uses of books within both religious and secular contexts, as well as to the use of books as a medium of self-representation and the transfer and transformation of bodies of religious and scientific knowledge. Finally, the course will consider the use of the growing number of digital manuscript collections accessible on the internet for teaching and research.

MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

Departmental Office: 401 Knox; 212-854-2556
<http://mesaas.columbia.edu>

Director of Undergraduate Studies: Hamid Dabashi, 416 Knox Hall, 212-854-7524; hd14@columbia.edu

Language Coordinators:

African Languages: Mariame Sy, 310 Knox; 212-851-2439;
sms2168@columbia.edu

Arabic: Taoufik Ben Amor, 308 Knox; 212-854-2985;
tb46@columbia.edu

Armenian: Charry Karamanoukian, 311 Knox; 212-851-7083;
ck2444@columbia.edu

Hebrew: Naama Harel, 413 Knox, 212-854-6519;
nh2508@columbia.edu

Hindi/Urdu: Rakesh Ranjan, 411 Knox; 212-851-4107;
rr2574@columbia.edu

Persian: Saeed Honarmand, 313 Knox; sh3468@columbia.edu

Sanskrit: Jay Ramesh, 311 Knox; 212-854-2893;

Tamil: Jay Ramesh, 311 Knox; 212-854-2893;

Turkish: Zuleyha Mary Fikret, 313 Knox; 212-854-0473;
zc2208@columbia.edu

The undergraduate program in Middle Eastern, South Asian, and African studies (MESAAS) offers students the opportunity to study in depth the cultures, ideas, histories, and politics of several overlapping world regions. The program emphasizes a close engagement with intellectual traditions, creative movements, and political debates, drawing on a wide variety of historical and contemporary sources in literature, religion, political thought, law, the visual and performing arts, and new

media. Courses also examine the historical and cultural contexts in which these traditions and debates have been produced.

MAJORS AND CONCENTRATIONS

Majors develop two closely related skills. The first is linguistic expertise. A minimum of two years of course work in one language is required, and further work (including intensive summer language study) is greatly encouraged, because the aim is to study a cultural field through its own texts and discourses. The Department of Middle Eastern, South Asian, and African Studies offers courses in Arabic, Persian, Ottoman, Turkish, Hebrew, Armenian, Sanskrit, Hindi/Urdu, Tamil, Swahili and Wolof.

The second skill is learning how to think and write about complex cultural formations, drawing on a variety of methods and disciplinary approaches. The approaches vary according to the faculty members' expertise, incorporating methods from relevant fields in the humanities and social sciences, such as literary criticism, film studies, cultural studies, political theory, and intellectual history.

The only difference between the MESAAS major and the concentration is that the latter does not require language proficiency.

PROFESSORS

Gil Anidjar
Muhsin J. Ali al-Musawi
Partha Chatterjee (*emeritus*)
Hamid Dabashi
Mamadou Diouf
Laura Fair
Wael Hallaq
Gil Hochberg
Sudipta Kaviraj
Rashid Khalidi
Mahmood Mamdani
Joseph Massad
Brinkley Messick
Dan Miron (*emeritus*)
Timothy Mitchell
Sheldon Pollock (*emeritus*)
Frances Pritchett (*emerita*)
Anupama Rao
George Saliba (*emeritus*)
Alison Vacca
Jennifer Wenzel

ASSOCIATE PROFESSORS

Mana Kia
Debashree Mukherjee

ASSISTANT PROFESSORS

Isabel Huacuja Alonso
Sarah bin Tyeer
Elaine van Dalen
Elleni Centime Zeleke

SENIOR LECTURERS

Aftab Ahmad
May Ahmar
Taoufik Ben Amor
Zuleyha Fikret
Reem Faraj
Naama Harel
Saeed Honarmand
Abdul Nanji
Youssef Nouhi
Rakesh Ranjan
Mariame Sy

LECTURERS

Ouijdane Absi
Rym Bettaieb
Abdelrazzaq Ben Tarif
Illan Gonen
Charry Karamanoukian
Zeina Sayegh
Daniel Katz Shenhar

ADJUNCT FACULTY

Timsal Masud
Khatchig Mouradian

ON LEAVE

Sudipta Kaviraj (Fall)
Timothy Mitchell (Fall and Spring)
Abdelrazzaq Ben Tarif (Fall and Spring)
May Ahmar (Fall)
Mana Kia (Fall)

GUIDELINES FOR ALL MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES MAJORS AND CONCENTRATORS

Introduction to MESAAS

Majors and concentrators begin their work with an introductory course that emphasizes a particular area (the Middle East, South Asia, or Africa). For instance, students interested in the Middle East would take ASCM UN2003 INTRO TO ISLAMIC CIVILIZATION or ASCM UN2008 CONTEMP ISLAMIC CIVILIZATION. Students keen on learning more about South Asia would take ASCM UN2357 INTRO TO INDIAN CIVILIZATION, HSME UN3810 History of South Asia I: al-Hind to Hindustan, or HIST W3811 South Asia II: Empire and

Its Aftermath. The introductory course generally recommended for students interested in Africa is MDES UN2030 Major Debates in the Study of Africa.

Required Core Courses

All majors must take two additional core courses. The first is a small seminar in which they explore some of the classic texts of the region, either AHUM UN1399 COLLOQUIUM ON MAJOR TEXTS (for those focusing on the Middle East and South Asia) or AFCV UN1020 AFRICAN CIVILIZATION (for those focusing on Africa).

With this background, students are ready to take MDES UN3000 THEORY AND CULTURE generally in the junior or senior year. This course examines critical approaches to the study of language, culture, and politics and encourages students to reflect on their own work from many different perspectives.

Additional Requirements

Fifteen additional points (generally five courses) are chosen in consultation with the director of undergraduate studies. These may include six points of coursework from other departments, subject to the director of undergraduate studies' approval. Although students may have a particular interest (e.g., Arab political thought, Urdu literature, Armenian history, Iranian cinema, or contemporary West Africa), they are encouraged to gain exposure to the fullest range of courses and approaches offered by the faculty, and to familiarize themselves with other regions beyond their core area.

In Fulfillment of the Language Requirement (for Majors)

Enrollment in language courses is in some cases determined by placement exams. For more information, see *Languages* on the [departmental website](#) and, if necessary, consult the relevant Coordinator listed on that page. The website includes separate pages for each language, describing the program of instruction, courses for heritage speakers, summer language programs, and more. Language courses must be taken for a letter grade. Pass/D/Fail or Registration credit (R) is not permitted. Those seeking to waive a language requirement must take a proficiency test.

Students who enter with language proficiency at only the second-year level must complete one additional year of language study and one additional MESAAS course. When students enter with language proficiency at the third year level (or in cases where only two years of a particular language are offered in MESAAS), they must substitute three additional MESAAS courses.

Advising

Newly declared majors and concentrators should meet with the director of undergraduate studies in order to plan a program of study. The goal is to strike a balance between courses that help

a student achieve depth in a particular area/discipline and those that foster a wider perspective.

Although students are encouraged to approach faculty in the department based on their specific interests, the director of undergraduate studies functions as an ad hoc adviser for all entering students, addressing issues of course requirements, credit, approval for courses in other departments or schools, study abroad, and, eventually, honors requirements (including the senior thesis). Students should not hesitate to contact the director of undergraduate studies to set up an appointment.

Grading

Courses in which the grade of D has been received do not count toward the major or concentration requirements, nor do those taken Pass/D/Fail, except for the first course taken toward the major or concentration.

Honors Program/Senior Thesis

Students may also wish to write a thesis. While not required for graduation, the thesis enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the student's junior year. Interested students should attend the relevant information sessions and identify a potential faculty adviser.

All students who wish to write a thesis must enroll in MDES UN3960 HONORS THESIS SEMINAR PART 1, a full year course consisting of a 1-point segment in the Fall semester and a 3-point segment in the Spring semester. Students work closely with their peers in a supportive environment to produce a substantial piece of research (in the range of 40 pages). The primary intellectual guidance is provided by the faculty adviser, whereas the director of undergraduate studies and the honors seminar teaching assistant oversee the general development of the project. Every year in April, MESAAS hosts a senior colloquium in which students present their research. For more information on the honors program, see *Frequently Asked Questions* on the [departmental website](#).

For additional guidelines, see *Departmental Honors* as outlined in the *Academic Honors, Prizes, and Fellowships* section of the Columbia College Bulletin.

MAJOR IN MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

Students should obtain a [Major Declaration](#) form from their advising dean and bring it to the director of undergraduate studies for approval. The director of undergraduate studies meets with students as necessary in order to establish and approve their individual programs of study. The requirements for the major are as follows:

Select a one-term introductory culture course, to be approved by the director of undergraduate studies

AHUM UN1399	COLLOQUIUM ON MAJOR TEXTS
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MDES UN3000	THEORY AND CULTURE
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Select two years of a language regularly taught in the department, or substitutional courses for students who test out of this requirement with the approval of the director of undergraduate studies

Select 15 points of coursework, which may include up to six points from other departments, selected in consultation with the director of undergraduate studies

The MESAAS Major and its 'tracks'

Students majoring in MESAAS are studying the languages, and central cultural and political aspects of the societies of the Middle East, South Asia, and Africa, in past and present. This can be done either with a focus on one of these three regions, i.e. the 'African Studies', the 'South Asian Studies', or the 'Middle Eastern Studies' track, or a comparative perspective on them, the 'combined track'.

The coursework for each of those 'tracks' is composed of the same five elements: 1. an approved Introductory course; 2. a seminar on texts from the region; 3. 'Theory and Culture'; 4. five approved elective courses; 5. the regional language requirement.

Note that some MESAAS courses are already comparative by design and connect more than one region: for example, *Societies and Cultures Across the Indian Ocean*, or *Postcolonial Thought*, or courses on Persianate culture that include North India, or Middle East courses that include North Africa. These may satisfy requirements for more than one track, subject to approval by the Director of Undergraduate Studies (DUS).

African Studies

1. MDES UN3130 Major Debates in the Study of Africa or another approved introductory lecture course.
2. CC1020 African Civilization
3. MDES UN3000 Theory and Culture
4. Five additional courses on Africa, such as: *South African Literature and Culture: Apartheid and After*; *East Africa and the Swahili Coast*; or *Pan Africanism* (see the [Courses](#) page for more options). You may include up to two courses from other departments, in fields such as African history, politics, and philosophy, the anthropology of Africa, and African art, subject to the approval of the Director of Undergraduate Studies. For a listing of courses in other departments, see [here](#).
5. Language: A minimum of two years of course work in Swahili, Arabic, Pular, or another African language. See the [MESAAS language programs](#) [here](#). Those already fluent in an African language may substitute other courses—see [FAQ](#). Not required for the concentration.

Middle Eastern Studies

1. ASCM UN2003 Islamic Civilization or another approved introductory lecture course.
2. Asian Humanities UN1399 Major Texts: Middle East/India
3. MDES UN3000 Theory and Culture
4. Five additional courses on the Middle East, such as: Arabic Self-Narratives; Central Questions in Islamic Law, Palestinian-Israeli Politics and Society, or Epics and Empires (see the Courses page for more options). You may include up to two courses from other departments, in fields such as Middle Eastern history, politics, and anthropology, or Islamic art, subject to the approval of the Director of Undergraduate Studies. Find a list of Middle East courses in other departments [here](#).
5. Language: A minimum of two years of coursework in Arabic, Hebrew, Persian, Turkish, or Armenian. See the MESAAS language programs [here](#). Those already fluent in a Middle Eastern language may substitute other courses—see [FAQ](#). Not required for the concentration.

South Asian Studies

1. MDES UN2357 Indian Civilization or another approved introductory lecture course.
2. Asian Humanities UN3399 Major Texts: Middle East/India
3. MDES UN3000 Theory and Culture
4. Five additional courses on South Asia, such as: Mughal India; Gandhi and his Interlocutors; or Cinemas of India (see the Courses page for more options). You may include up to six points of course work from other departments, in fields such as South Asian history, politics, and anthropology, or Indian art, subject to the approval of the Director of Undergraduate Studies. Find a list of South Asia courses in other departments [here](#).
5. Language: A minimum of two years of course work in Hindi/Urdu, Sanskrit, Persian, or other South Asian languages. See the MESAAS language programs [here](#). Those already fluent in a South Asian language may substitute other courses—see [FAQ](#). Not required for the concentration.

Combined

There is also a combined option. For this, you may satisfy the five requirements by choosing courses from any of the three tracks.

1. An approved introductory lecture course.
2. Asian Humanities UN1399 Major Texts: Middle East/India – OR: CC1020 African Civilization
3. MDES UN3000 Theory and Culture
4. Five additional courses, fitting one's course of study, to be approved by DUS
5. Language: A minimum of two years of course work in any of the regional MESAAS languages, to be approved by the DUS.

CONCENTRATION IN MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

The requirements are identical with those for the major, except that there is no departmental language requirement. Fifteen points in department courses, selected with the approval of the director of undergraduate studies. These may not include elementary or intermediate language courses. Not more than two courses out of the general 15 points may be devoted to language study.

LECTURES AND SEMINARS

MDES UN1001 CRITICAL THEORY: A GLOBAL PERSPECTIVE. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The purpose of this foundational course is to introduce Columbia undergraduate students, in the context of their Global Core curriculum, to the seminal field of critical theory. The historical domain of this course is within the last century and its geographical spectrum is global. European critical thinkers are included in this course but not privileged. Thinkers from Asia, Africa, Europe, North, South, and Latin America, are examined here in chronological order and in equal democratic footing with each other. This course as a result is decidedly cross-cultural, one step forward towards de-alienating critical thinkers from around the globe and the issues they address without pigeonholing them as something “other” or “different.” The course is designed and offered in the true spirit of the “Global Core.” The purpose of the course is to reach for the common denominator of serious critical thinking about the fate of our humanity and the health of our social relations in an increasingly fragile world—where the false binaries of “the West” and “the Rest” no longer hold. The roster of critical thinkers we will examine is by no means exhaustive but representative. Any number of other critical thinkers can be added to this roster but none of those we will examine can be excluded from them. The course is divided into thirteen successive weeks and for each week a number of seminal, original, and groundbreaking texts are identified. Each week we will examine selected passages from these texts. The course is designed as a lecture course, and my lectures are based on the totality of these texts but students will be assigned specific shorter passages to read

MDES UN1030 “Game of Thrones”: On Epics and Empires. 4.00 points.

This undergraduate course offered in the context of the Global Core component of the Core Curriculum is an examination of the globally popular HBO series “Game of Thrones” as a prototype for a comparative understanding of the larger question of epics and empires. In this course we expand the domains of our interests and inquiries far wider and divide our syllabus into four parts: (1) Westeros: The Mythic Empire; (2) Persia: The First Empire, (3) America: The Last Empire; and (4) On Epics and Empires. Our objective will be to examine

the main themes and overall arch of “Game of Thrones” into wider mythic, heroic, and transhistorical dimensions of our contemporary history

Fall 2022: MDES UN1030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1030	001/10802	T Th 10:10am - 11:25am Cin Alfred Lerner Hall	Hamid Dabashi	4.00	205/210

AHUM UN1399 COLLOQUIUM ON MAJOR TEXTS. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Readings in translation and discussion of texts of Middle Eastern and Indian origin. Readings may include the Quran, Islamic philosophy, Sufi poetry, the Upanishads, Buddhist sutras, the Bhagavad Gita, Indian epics and drama, and Gandhis Autobiography

Fall 2022: AHUM UN1399

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1399	001/00375	W 1:10pm - 3:00pm 318 Milbank Hall	Nathanael Shelley	4.00	16/20
AHUM 1399	003/10804	T 4:10pm - 6:00pm 401 Hamilton Hall	Sarah bin Tyer	4.00	18/20

Spring 2023: AHUM UN1399

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 1399	001/00393	T 2:10pm - 4:00pm 308 Diana Center	Rachel McDermott	4.00	20/20
AHUM 1399	002/00394	T 10:10am - 12:00pm 214 Milbank Hall	Nathanael Shelley	4.00	19/20
AHUM 1399	003/11856	T 4:10pm - 6:00pm 401 Hamilton Hall	Wael Hallaq	4.00	19/20
AHUM 1399	004/11964	W 2:10pm - 4:00pm 522c Kent Hall	Elaine van Dalen	4.00	18/20

ASCM UN2003 INTRO TO ISLAMIC CIVILIZATION. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Lecture and recitation. Islamic civilization and its characteristic intellectual, political, social, and cultural traditions up through 1800. Note: Students must register for a discussion section, ASCM UN2113

Fall 2022: ASCM UN2003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2003	001/11893	M W 10:10am - 11:25am Aud Earl Hall	Alison Vacca	4.00	46/60

MDES UN2004 Conflicts: Race, Region, Religion. 4.00 points.

Prior to “conflict resolution,” there is conflict. But what is conflict and how do we understand it? This introductory lecture course proposes to explore established objects in their presumed ties to the fact and concept of “conflict.” We will inquire into the nature of conflict as well as into the kinds of conflicts that

operate, or seem to operate, perhaps even to structure, the understanding of race, of region, and of religion. We will attend to the solidity and fragility of geographic divisions (regional and trans regional conflicts), their history (modern / premodern, colonial / pre- and post-colonial), the emergence of race (racial and ethnic conflicts), the pertinence of religions (religious strife and violence), their relation to political associations (religion and politics, religion and nationalism) and to other social and/or economic divisions (class, gender). We will interrogate the analytic and descriptive value of keywords like war, enmity, dispute, division, partition. We will also reflect on disciplinary tensions and divisions toward an understanding and perpetuation of conflict. Finally, we will think about the possibility and impossibility of “speaking with the enemy.”

ASCM UN2008 CONTEMP ISLAMIC CIVILIZATION. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Lecture and recitation. No previous study of Islam is required. The early modern, colonial, and post-colonial Islamic world studied through historical case studies, translated texts, and recent anthropological research. Topics include Sufism and society, political ideologies, colonialism, religious transformations, poetry, literature, gender, and sexuality

Spring 2023: ASCM UN2008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2008	001/11724	M W 10:10am - 11:25am 303 Uris Hall	Alison Vacca	4.00	54/60

MDES UN2012 Finding Happiness: Readings in Arab-Islamic Texts. 4.00 points.

The quest for happiness predates writing itself. In this course, we read together some of the monumental and foundational texts that questioned, interrogated, but also defined and redefined happiness from the premodern Arab-Islamic tradition. Is happiness an absence of something or the presence of something? Is it found or actively pursued? Is one happy being alone or in a society? Are friends necessary to our happiness? Is the perfection of the self, morals, and character happiness? Emphasis lies on the exploration of the themes of the assigned works through close reading and discussion. The course will pay additional attention to the contextualization of the texts. Emphasis lies on the active study of the assigned works through close reading, discussion, and creative assignments

MDES UN2042 South Asia at the Crossroads of Empires. 3.00 points.

In this course we will study the late colonial and early post-colonial periods of South Asian history together. Some of the events we will cover include: the climax of anti-colonial movements in South Asia, WWII as it developed in South and Southeast Asia, the partition of British India, the two Indo-Pakistan wars, and the 1971 Bangladesh War. While we will read selected secondary literature, we will focus on a range of primary sources, including original radio broadcasts and oral history interviews. We will also study artistic interpretations of

historical developments, including short stories and films. In this course, we will strive to remain attentive to the important changes engendered by colonialism, while simultaneously recognizing the agency of South Asians in formulating their own modernities during this critical period. We will also seek to develop a narrative of modern South Asian history, which is attentive to parallel and/or connected events in other regions

Fall 2022: MDES UN2042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2042	001/10885	M W 10:10am - 11:25am 313 Pupin Laboratories	Isabel Huacuja Alonso	3.00	9/25

MDES UN2641 CINEMAS OF INDIA. 3.00 points.

This course offers an expansive journey through the forms, pleasures, and meanings of Indian cinema. It explores the plural beginnings of popular film; the many competing cinemas produced across India; the diverse protagonists (from vamps to vigilantes) that populate the imagined entity named 'national cinema'; and the varied audiences addressed by these cinemas. Over the course of the semester, we will watch 15 of the most iconic narrative films produced in India, including *Diamond Queen* (1940), *Awara* (1951), *Deewar* (1975), *Roja* (1992), *Mahanagar* (1963), and *Bandit Queen* (1994). As we voyage with the dynamic, shifting codes and priorities of India's fiction filmmaking, we also shadow the emergence of the Indian nation and contestations of its coherence

Spring 2023: MDES UN2641

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2641	001/11735	M W 11:40am - 12:55pm 330 Uris Hall	Debashree Mukherjee	3.00	50/54

MDES UN2650 GANDHI # HIS INTERLOCUTORS. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Gandhi is in two senses an extraordinary figure: he was the most important leader of anti-imperialist movements in the twentieth century; yet, his ideas about modernity, the state, the industrial economy, technology, humanity's place in nature, the presence of God - were all highly idiosyncratic, sometimes at odds with the main trends of modern civilization. How did a man with such views come to have such an immense effect on history? In some ways, Gandhi is an excellent entry into the complex history of modern India - its contradictions, achievements, failures, possibilities. This course will be primarily a course on social theory, focusing on texts and discursive exchanges between various perceptions of modernity in India. It will have two parts: the first part will be based on reading Gandhi's own writings; the second, on the writings of his main interlocutors. It is hoped that through these exchanges students will get a vivid picture of the intellectual ferment in modern India, and the main lines of social and political thought that define its intellectual culture. The study in this course can be followed up by taking related courses in Indian political

thought, or Indian politics or modern history. This course may not be taken as Pass/D/Fail

Spring 2023: MDES UN2650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2650	001/12189	T Th 10:10am - 11:25am 303 Uris Hall	Sudipta Kaviraj	4.00	56/60

HSME UN2915 AFRICA BEFORE COLONIALISM. 4.00 points.

This course is an interdisciplinary exploration of the precolonial history of the African continent. It investigates in-depth the political, social, cultural and economic developments of different Africa communities, covering various regions and periods, from prehistory to the formation of the Indian Ocean and Atlantic worlds. Its focus is the intersection of politics, economics, culture and society. Using world history and Africa's location in the production of history as key analytical frames, it pays special attention to social, political and cultural changes that shaped the various individual and collective experiences of African peoples and states and the historical discourses associated to them

Fall 2022: HSME UN2915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 2915	001/10884	M W 11:40am - 12:55pm 337 Seeley W. Mudd Building	Mamadou Diouf	4.00	19/30

MDES UN3000 THEORY AND CULTURE. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Required of all majors. Introduces theories of culture particularly related to the Middle East, South Asia. and Africa. Theoretical debates on the nature and function of culture as a symbolic reading of human collectivities. Examines critical cultural studies of the Middle East, South Asia, and Africa. Enables students to articulate their emerging knowledge of Middle East, South Asian, and African cultures in a theoretically informed language

Fall 2022: MDES UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3000	001/10801	M W 1:10pm - 2:25pm 310 Fayerweather	Debashree Mukherjee	4.00	63/90

MDES UN3042 PALESTINIAN-ISRAELI POLIT/SOC. 4.00 points.

The History of the Jewish Enlightenment (Haskala) in 19th century Europe and the development of Zionism through the current peace process between the state of Israel and the Arab states and the Palestinian national movement. Provides a historical overview of the Zionist-Palestinian conflict to familiarize undergraduates with the background of the current situation. No P/D/F or R credit is allowed for this class

Spring 2023: MDES UN3042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MDES 001/12090 T Th 2:40pm - Joseph 4.00 34/60
3042 3:55pm Massad
330 Uris Hall

MDES UN3048 Pandemics: A Global History. 3.00 points.

With an interdisciplinary perspective, this course seeks to expand the understanding of past pandemic crises and recent, lived pandemics such as COVID-19. COVID-19 has brought up urgent questions about how we can understand and historicize pandemics and trace the changing relationship between disease and its vectors, humans and their environments. This course seeks to expand the understanding of past and recent pandemics through a historical lens that traces the deep seated racial and class disparities, social and cultural stigma, and political responses and control that they were expressed and deployed during these historical crises. It seeks to understand and analyze pandemics as representing complex, disruptive and devastating crises that effect profound transformations in ideas, social and economic relations and challenge interdependent networks and cultures. Pandemics are balanced in a global-local flux between dramaturgic, proliferating, contagious outbreaks; and endemic, chronic infections that have prolonged periods of latency before again reemerging through new transmissions. They also serve as a crucial lens to analyze a range of historical connections, ensions and movements ranging from colonialism and the politics of borders, global capitalism and labor, migration and mobility, decolonization and development, and neoliberalism and global health politics

MDES UN3121 Literature and Cultures of Struggle in South Africa. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Generations of resistance have shaped contemporary life in South Africa -- in struggles against colonialism, segregation, the legislated racism known as apartheid, and the entrenched inequalities of the post-apartheid era. Two constants in this history of struggle have been youth as a vanguard of liberation movements and culture as a "weapon of struggle." As new generation of South African youth -- the "born frees" -- has now taken to the streets and social media to "decolonize" the university and claim their education as a meaningful right, this course traces the ways that generations of writers, artists, and activists have faced censorship, exile, and repression in an ongoing struggle to dismantle apartheid and to free the mind, "the most powerful weapon in the hands of the oppressor" according to Black Consciousness activist Steve Biko. This course traces the profoundly important roles that literature and other cultural production (music, photography, film, comics, Twitter hashtags like #rhodesmustfall and #feesmustfall) have played in struggle against apartheid and its lingering afterlife. Although many of our texts were originally written in English, we will also discuss the historical forces, including nineteenth-century Christian missions and Bantu Education, as well as South Africa's post-1994 commitment to being a multilingual democracy, that have shaped the linguistic texture of South African cultural life.

CLME UN3221 ARABIC LITERATURE AS WORLD LITERATURE. 4.00 points.

This seminar focuses on Arabic literature in the world, as World Literature. The focus will be on pre-modern and modern Arabic literary works that traveled and circulated and were adapted to and acquired individual meanings in different cultures. We will look at literary works that achieved 'worldliness' through either writing back to the center or through international literary prizes. We will consider how literary works travel and circulate through their fusion with regional concepts, or even take on new meanings at different times and places. Admittedly, also, we will look into the strengths, weaknesses, and criticism surrounding World Literature

MDES UN3260 RETHINKING MIDDLE EAST POLITICS. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course examines a set of questions that have shaped the study of the politics of the modern Middle East. It looks at the main ways those questions have been answered, exploring debates both in Western academic scholarship and among scholars and intellectuals in the region itself. For each question, the course offers new ways of thinking about the issue or ways of framing it in different terms. The topics covered in the course include: the kinds of modern state that emerged in the Middle East and the ways its forms of power and authority were shaped; the birth of economic development as a way of describing the function and measuring the success of the state, and the changing metrics of this success; the influence of oil on the politics of the region; the nature and role of Islamic political movements; the transformation of the countryside and the city and the role of rural populations and of urban protest in modern politics; and the politics of armed force and political violence in the region, and the ways in which this has been understood. The focus of the course will be on the politics of the twentieth century, but many topics will be traced back into developments that occurred in earlier periods, and several will be explored up to the present. The course is divided into four parts, each ending with a paper or exam in which participants are asked to analyze the material covered. Each part of the course has a geographical focus on a country or group of countries and a thematic focus on a particular set of questions of historical and political analysis

MDES UN3331 URBAN SPACE # CONFLICT IN MIDDLE EAST. 3.00 points.

This course explores how civil war, revolution, militarization, mass violence, refugee crises, and terrorism impact urban spaces, and how city dwellers engage in urban resilience, negotiate and attempt to reclaim their right to the city. Through case studies of Beirut (1975-present), Baghdad (2003-present), Cairo (2011-present), Diyarbakir (1914-present), Aleppo (1914-present), and Jerusalem (1914-present), this course traces how urban life adjusted to destruction (and post-conflict reconstruction), violence, and anarchy; how neighborhoods were reshaped; and how local ethnic, religious, and political

dynamics played out in these cities and metropolises. Relying on multi-disciplinary and post-disciplinary scholarship, and employing a wealth of audiovisual material, literary works, and interviews conducted by the instructor, the course scrutinizes how conflicts have impacted urban life in the Middle East, and how civilians react to, confront, and resist militarization in urban spaces

Spring 2023: MDES UN3331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3331	001/15109	M 4:10pm - 6:00pm 602 Northwest Corner	Khatchig Mouradian	3.00	32/30

MDES UN3421 Islamic Central Asia. 3 points.

Explores the cultural landscapes of Islamic Central Asia up to the 18th c. Russian conquests, introducing the wide and changing array of meanings that both Islam and Central Asia could take on in this context. Against the association of Central Asia with a periphery, this course restores the centrality of Central Asia to the spheres of exchange that held together a broader Islamic imaginary, including Persian literatures, Sufism, political thought, and the visual arts. Focuses on the empires of the Ghaznavids (977-1186), Mongols (1206-1370), Timurids (1370-1507), and early Mughals. Readings are English translations of primary sources, and modern scholarship to contextualize and theorize these sources. Central questions include: how these texts reflect and shape community, how they mark and make sense of difference, the ways in which they understand and relate to their past(s), and the values that they hold to be most central. No prerequisites.

MDES UN3445 SOCIETIES/CULTRS: INDIAN OCEAN. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course introduces the Indian Ocean as a region linking the Middle East, East Africa, South and Southeast Asia. With a focus on both continuities and rupture from the medieval to the modern period, we study select cultures and societies brought into contact through interregional migration and travel from the 10th to 20th centuries. Different types of people - nobles, merchants, soldiers, statesmen, sailors, scholars, slaves - experienced mobility in different ways. How did different groups of people represent such mobilities? What kinds of political, economic, and social cooperation, accommodation or conflict did different Indian Ocean encounters engender? We read some of the newest humanities and social science scholarship, as well as primary sources ranging from manuscript illustrations, sailor's stories, merchant letters, travelogues, pilgrimage accounts, colonial documents, memoirs, and diplomatic accounts

Spring 2023: MDES UN3445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3445	001/13732	M W 1:10pm - 2:25pm 325 Pupin Laboratories	Mana Kia	3.00	16/20

MDES UN3644 Visual Cultures of Modern South Asia. 3 points.

This lecture course introduces students to the power and meaning of popular visual cultures of South Asia. Visual culture is a crucial arena for the enactment of social transformations and the creation of collective imaginaries. We will track such varied modern media types as calendar art, photography, film, architecture, clothing, and religious festivals, loosely following key chronological signposts in the shared histories of the subcontinent. Together, we will practice a new way of understanding history and society – a visual way that will make us aware of the diversity of hopes, fears, and dreams that comprise South Asia. Designed for students with a basic understanding of South Asian history, the course aims to familiarize you with key methodological approaches in visual culture studies and current debates in South Asian art history and media theory.

MDES UN3915 A HISTORY OF AFRICAN CITIES. 3.00 points.

This seminar offers an interdisciplinary approach to the study of the history of African cities. It cuts across disciplinary boundaries of history, geography, anthropology, political and cultural sociology, literature and cultural studies, to explore the various trajectories of urbanization on the continent.

Spring 2023: MDES UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3915	001/12191	M 12:10pm - 2:00pm 602 Northwest Corner	Mamadou Diouf	3.00	21/35

MDES UN3920 CONTEMP CULTURE IN ARAB WORLD. 3.00 points.

Prerequisites: the instructor's permission.

This seminar, designed for seniors, aims to acquaint students with the notion and theoretical understanding of culture and to introduce them to a critical method by which they can study and appreciate contemporary culture in the Arab World. The seminar will survey examples of written and cinematic culture (fiction and autobiography), as well as music, dance, and literary criticism in the contemporary Arab world. Students will be reading novels, autobiographies and literary criticism, as well as watch films and listen to music as part of the syllabus. All material will be in translation. Films will be subtitled. Songs will be in Arabic

Fall 2022: MDES UN3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3920	001/11799	W 4:10pm - 6:00pm 208 Knox Hall	Joseph Massad	3.00	12/24

MDES UN3923 CNTRL QUESTIONS IN ISLAMIC LAW. 3.00 points.

Through detailed discussions of certain landmarks in Islamic legal history (e.g. origins; early formation; sources of law; intellectual make-up; the workings of court; legal change;

women in the law; legal effects of colonialism; modernity and legal reform, etc.), the course aims at providing an introductory but integrated view of Islamic law, a definition, so to speak, of what it was/is. Please note, this course must be taken for a letter grade

Fall 2022: MDES UN3923

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3923	001/11802	T 4:10pm - 6:00pm 101 Knox Hall	Wael Hallaq	3.00	16/25

CLME UN3928 ARABIC PRISON WRITING. 3.00 points.
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course studies the genealogy of the prison in Arab culture as manifested in memoirs, narratives, and poems. These cut across a vast temporal and spatial swathe, covering selections from the Quran, Sufi narratives from al-Hallaj oeuvre, poetry by prisoners of war: classical, medieval, and modern. It also studies modern narratives by women prisoners and political prisoners, and narratives that engage with these issues. Arabic prison writing is studied against other genealogies of this prism, especially in the West, to map out the birth of prison, its institutionalization, mechanism, and role. All readings for the course are in English translations

Fall 2022: CLME UN3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 3928	001/11829	W 2:10pm - 4:00pm 208 Knox Hall	Muhsin Al-Musawi	3.00	26/25

MDES UN3960 HONORS THESIS SEMINAR PART 1. 1.00 point.

Prerequisites: minimum GPA of 3.5 in MESAAS courses. The MESAAS honors seminar offers students the opportunity to undertake a sustained research project under close faculty supervision. The DUS advises on general issues of project design, format, approach, general research methodologies, and timetable. In addition, students work with an individual advisor who has expertise in the area of the thesis and can advise on the specifics of method and content. The thesis will be jointly evaluated by the adviser, the DUS, and the honors thesis TA. The DUS will lead students through a variety of exercises that are directly geared to facilitating the thesis. Students build their research, interpretive, and writing skills; discuss methodological approaches; write an annotated bibliography; learn to give constructive feedback to peers and respond to feedback effectively. The final product is a polished research paper in the range of 40-60 pages. Please note: This is a one-year course that begins in the fall semester (1 point) and continues through the spring semester (3 points). Only students who have completed both semesters will receive the full 4 points of credit

Fall 2022: MDES UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3960	001/10799	M 10:10am - 12:00pm 403 Knox Hall	Hamid Dabashi	1.00	1/25

MDES UN3961 Honors Thesis Seminar Part 2. 3.00 points.

The MESAAS honors seminar offers the opportunity to undertake a sustained research project working closely with an individual faculty adviser. It also enables you, as part of a small group of MESAAS students working with the seminar instructor, to develop the skills of academic research and writing and learn how to collaborate with peers and create an engaged intellectual community. This 3-point seminar continues the work begun in the Fall semester of the senior year in MDES 3960 Honors Thesis Seminar Part 1

Spring 2023: MDES UN3961

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3961	001/11907	M 10:10am - 12:00pm 403 Knox Hall	Hamid Dabashi	3.00	0/25

MDES GU4049 Climate and Empire. 4.00 points.

Climate change destabilizes the ontic certainty of this world, time, and history. This course in MESAAS will introduce students to the literature on climate change and its relationship to ontology, religion, violence, politics, and gender. We will explore the resilience and limitations of various theoretical approaches as they relate to empirical cases. Students will become familiarized with important arguments that have been advanced to explain climate change in its more recent incarnations in the Middle East and Asia. How have different trajectories of understanding climate change led to different kinds of political cultures and governing institutions? Have some qualities of the “environment” or “climate” remained the same throughout history and across the globe? What is the role of colonialism in modern understandings of climate change? The core of this course will seek to develop a mode of conceptualizing the present by rendering relevant geological time in addition to historical time, earth’s history in addition to world’s history. The course begins with the question of how the “climate” has been historically and ethnographically conceptualized in various intellectual trajectories of human sciences. We consider how religion is connected to environmental change, how the “human” and “non human” are conceptualized in various ontologies, and how religious norms and ethics enact environmental practices. We interrogate the everyday sociality of climate adaption and how climate conflict informs social, political, and environmental citizenship. The course concludes by contemplating the creative ways of being in this new world. We study the innovative forms of cosmopolitan neo-humanism (post- humanism) that emerge from the specter of environmental change

MDES GU4122 THE NOVEL IN AFRICA. 4.00 points.

The main task of this course will be to read novels by African writers. But the novel in Africa also involves connections between the literary genre of the novel and the historical processes of colonialism, decolonization, and globalization in Africa. One important question we'll consider is how African novels depict those historical experiences in their themes and plots—we'll read novels that are about colonialism, etc. A more complex question is how these historical processes

relate to the emergence of the novel as an important genre for African writers. Edward Said went so far as to say that without imperialism, there would be no European novel as we know it. How can we understand the novel in Africa (whether read or written) as a product of the colonial encounter? How did it shape the process of decolonization? What contribution to history, whether literary or political, does the novel in Africa make? We'll undertake a historical survey of African novels from the 1930s to the present, with attention to various subgenres (village novel, war novel, urbanization novel, novel of postcolonial disillusion, Bildungsroman). We'll attend to how African novelists blend literate and oral storytelling traditions, how they address their work to local and global audiences, and how they use scenes of characters reading novels (whether African or European) in order to position their writing within national, continental, and world literary space

Spring 2023: MDES GU4122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4122	001/11913	M W 2:40pm - 3:55pm 511 Hamilton Hall	Jennifer Wenzel	4.00	8/25

MDES GU4151 DEBATES ON CAPITALISM. 4.00 points.

Within the literature on the history of capitalism there is a lively debate that seeks to explain the world-historical transition from feudal and tributary modes of production to the capitalist mode of production. Substantial issues raised in this debate include the question of whether capitalism can be characterized as a mode of production dominated by the exploitation of free labour; the role of international trade in the origin and development of capitalism; and the role of agriculture in promoting a transition to capitalism. Through the publication of two key texts in the late 1970s Robert Brenner's proposition that capitalism had its origins in English agriculture came to dominate the transition debate. More recently, however, there have been a number of publications that seek to challenge the Anglo-centric and Eurocentric tendencies of the entire transition debate. This course begins with the Brenner debates and then takes up revisions, critiques and challenges to that debate. Ultimately, the aim of the course is to more clearly understand the place of non-European polities and peoples in the history and development of capitalism

HSME GU4154 PAN AFRICANISM. 4.00 points.

"Pan Africanist" ideologies were very diverse from Garveyism, Negritude to the various African America, Caribbean and African discourses of "neo-pharaohism" and "Ethiopianism." This seminar explores how Black leaders, intellectuals, and artists chose to imagine Black (Africans and people of African descent) as a global community from the late 19th century to the present. It examines their attempts to chart a course of race, modernity, and emancipation in unstable and changing geographies of empire, nation, and state. Particular attention will be given to manifestations identified as their common history and destiny and how such a distinctive historical experience has created a unique body of reflections on and

cultural productions about modernity, religion, class, gender, and sexuality, in a context of domination and oppression

Spring 2023: HSME GU4154

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSME 4154	001/12190	W 12:10pm - 2:00pm 467 Ext Schermerhorn Hall	Mamadou Diouf	4.00	18/25

MDES GU4160 Major Debates in the Study of Africa. 4 points.

This course will focus on key debates that have shaped the study of Africa in the post-colonial African academy.

We will cover six key debates: Historiography; Slavery: Premodern and Modern; State Formation; Colonialism and Difference; Nationalism; Political Identity and Political Violence

The approach will be multi-disciplinary. To the extent possible, readings will be illustrative of different sides in the debate.

CLME GU4221 Literary Encounters and Reading across the Wor(l)ds. 4.00 points.

The focus of this seminar will be exploring the conception of encounters, and contact zones, throughout a selection of Arabic literary works. The course will explore the history of translation in Arabic literary history, the introduction of prose and its development; the Arabic readerly culture; the colonial encounter and its effect on language and form of literature. We will not read encounter as one-way traffic only, but we will also read it as a two-way process. We will read non-Arabic works that were influenced by the texts we are reading and their literary reception in other literary traditions. We will also consider the institution of literary prizes as a form of encounter and analyze the power of celebrity culture on the readership of the contemporary Arabic novel

CLME GU4231 COLD WAR ARAB CULTURE. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course studies the effects and strategies of the cold war on Arab writing, education, arts and translation, and the counter movement in Arab culture to have its own identities. As the cold war functioned and still functions on a global scale, thematic and methodological comparisons are drawn with Latin America, India and Africa

Spring 2023: CLME GU4231

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4231	001/13061	W 2:10pm - 4:00pm 208 Knox Hall	Muhsin Al-Musawi	4.00	24/22

CLME GU4241 SUFISM: PRIMARY TEXTS/ CONTEXTS. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course studies Sufism as it has emerged, developed, and assumed its presence in Sufi autobiographies and religious

and literary writings. The Sufi Path is traced in these writings that include poems like ibn al-Farid's Poem of the Way. Sufi States and Stations are analyzed to understand this Path that reaches its culmination in an ecstatic sense of Oneness. Sufism is also a social and political phenomenon that unsettles formal theologies and involves Sufis in controversies that often end with their imprisonment and death

Spring 2023: CLME GU4241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4241	001/13078	T 2:10pm - 4:00pm 208 Knox Hall	Muhsin Al-Musawi	4.00	23/30

MDES GU4259 War Narrative: The Arab World. 4 points.
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course works along a number of axial structures that aim to let texts voice their informing theoretical, political, and poetic strategies. It draws on war narratives in other parts of the world, especially Vietnam, insofar as these find their way into Arabic writing. A poetics of prose gives these narratives the power of literary production that makes them more readable, appealing, and provocative than ordinary journalistic reporting.

Through close readings of a number of Arabic war novels and some long narrative poems, this course proposes to address war in its varieties not only as liberation movements in Algeria and Palestine, but also as an engagement with invasions, as in Iraqi narratives of war, or as conflict as was the case between Iran and Iraq, 1980-1988, as proxy wars in other parts of the region, or 'civil' wars generated and perpetuated by big powers. Although writers are no longer the leaders of thought as in the first half of the 20th century, they resume different roles of exposition, documentation, reinstatement of identities, and geographical and topographical orientation. Narrators and protagonists are not spectators but implicated individuals whose voices give vent to dreams, desires, intimations, and expectations. They are not utterly passive, however. Behind bewilderment and turbulence, there is a will to expose atrocity and brutality. Writing is an effort to regain humanity in an inhuman situation.

The course is planned under thematic and theoretical divisions: **one** that takes writing as a deliberate exposure of the censored and repressed; **another** as a counter shock and awe strategy [implemented under this name in the wars on Iraq] whereby brutalities are laid bare; and a **third** that claims reporting in order to explore its limits and complicity. On the geographical level, it takes Algeria, Palestine as locations for liberation movements; Iraq as a site of death; Egypt as the space for statist duplicity and camouflage; and Lebanon as an initial stage for a deliberate exercise in a seemingly civil war.

A number of films will be shown as part of students' presentations.

CLME GU4262 THEMES IN THE ARABIC NOVEL. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The focus of this seminar will be novels by Arab writers. The course will explore the history of the Arabic novel: its rise, development, and evolution. We will read and analyze novels belonging to various periods in Arab history and representing diverse points of views, including gender, identities, and different sub-cultures and sub-genres. We will look into the connections therein between the novel and the historical backdrops of colonialism, decolonization, globalization, war, rights and personal independence from several perspectives and writers across the Arab world. We will also consider the modern Arabic novel's engagement with the global, glocal, and local as well as its nod to the Arabic literary tradition; its engagement with technology, scientific progress, absurdity, loss, trauma, the human condition, as well as dystopic themes. No knowledge of Arabic is required

Fall 2022: CLME GU4262

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4262	001/18693	M 4:10pm - 6:00pm 501a International Affairs Bldg	Sarah bin Tyer	4.00	13/20

MDES GU4265 Sufism, Sharia, and Politics. 4.00 points.

This seminar is geared toward advanced undergraduate students. Arguably, Sufism and Sharia constituted the two central domains of premodern Islamic cultures. A central domain is recognized as one that defines other domains. If a domain becomes central, "then the problems of other domains are solved in terms of the central domain—they are considered secondary problems, whose solution follows as a matter of course only if the problems of the central domain are solved" (C. Schmitt). Within this understanding, the seminar aims to introduce the fundamental concepts and (briefly) histories of both Sufism and Sharia, with a focus on how the former overlapped with and was often integral to the latter; how Sufism produced traditions and institutions; and the role it played in the political landscapes of Islam. By necessity, then, the seminar moves from a coverage of Sufi thought and praxis, to community and institution building, to political activism (or inactivism, which is seen here as a move toward the political or ethical). The coverage, deliberately tilted toward Sufism, aims to be historical and considerably chronological, moving from the earliest Islamic period to late modernity, including the migration of Sufi entities to the West. In keeping with the claim of Sufism as a central domain, we will examine how this phenomenon, together with the Sharia, rendered the other domains subsidiary to their imperatives. The subordinate idea here is also to try to map out the strongly symbiotic relationship of the two domains, and isolate for analysis contestations and antagonisms. Although the sources – especially the Orientalist – are underdeveloped theoretically, class discussions will call upon the help of various relevant theories in philosophy, intellectual history, politics, and anthropology

MDES GU4266 Decolonizing the Arabian Nights. 4.00 points.

In a unique revival of interest, the Arabian Nights has made its way to the academy as the handiest and most approachable

cultural commodity. Courses are given on its history, translation, media reproduction, Walt Disney's appropriation, and, occasionally, narratology. By the end of the 19th century, it was available in translation or abridgement in every written language. This course resituates its advent and vogue in specific cultural contexts that closely relate to the rise of the bourgeoisie and the colonial enterprise. It also explores popular and intellectual or critical responses in terms of the rise of literary theory and modes of literary production. Its massive presence gives way in time to pantomime, parody, and pastiche, before engaging again the attention of prominent writers and theorists of 'prose poetics' and the fantastic. Its referential popular presence undergoes fluctuations to fit media stereotypes and hegemonic regimes of thought. This course attempts to dislodge originals from adaptations, highlight the nature of entry in terms of a commoditizing enterprise that reproduces the Arabian Nights as a 'western text', a point that in turn incites a counter search for manuscripts, and 'authentication' processes. Originals and translations will be compared and cinematic or theater productions will be studied, along with paintings, covers, and tourist guides that present the Nights as a commodity in a post-industrial society

MDES GU4349 Concentration Camps from Cuba to East Asia. 3 points.

Forcibly moving civilians to designated areas as a wartime measure has constituted a widely practiced military strategy for centuries. In the late 19th and early 20th centuries, colonial powers increasingly provided more structure and organization to these policies of relocation and internment in the Americas, Africa, and East Asia. This course provides a social history of civilian internment and mass murder from late-19th century colonial cases to World War II.

Through case studies of the Spanish-Cuban war, the South African War, the Philippines-American War, the genocide of the Herero and Nama in Southwest Africa, the Armenian Genocide, and the Holocaust, the course traces the evolution of the concentration camp from a counter-insurgency strategy in wartime to a weapon of mass murder. The course also examines the internment of Japanese Americans, and the Japanese "comfort stations" in comparative perspective.

MDES GU4357 WAR, GENOCIDE, & AFTERMATH COMP PERSPECTIV. 4.00 points.

This 4000-level course examines how societies grapple with the legacy of mass violence, through an exploration of historical texts, memoirs, textbooks, litigation, and media reports and debates on confronting the past. Focusing on case studies of the Herero Genocide, the Armenian genocide during WWI, and the Holocaust and the Comfort Women during WWII, students investigate the crime and its sequelae, looking at how societies deal with skeletons in their closets (engaging in silence, trivialization, rationalization, and denial to acknowledgment, apology, and repair); surveying responses of survivors and their descendants (with particular attention to intergeneration transmission of trauma, forgiveness, resentment, and the pursuit

of redress); and dissecting public debates on modern day issues that harken back to past atrocities

Fall 2022: MDES GU4357

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4357	001/14887	M 4:10pm - 6:00pm C01 Knox Hall	Khatchig Mouradian	4.00	26/30

MDES GU4399 Literature of the Great War in the Middle East. 3.00 points.

Some of the best-known literary texts of the previous century harken back to the Great War. And while works of fiction and non-fiction such as Remarque's *All Quiet on the Western Front*, Hemingway's *A Farewell to Arms*, and Woolf's *Mrs Dalloway* have become twentieth-century classics; and the poetry of Brooke, Graves, Gurney, Owen, and Sassoon widely celebrated; the Middle East's contribution to the literature of the Great War is little explored. This course takes us on a literary journey from the trenches of Gallipoli and Mesopotamia, to famine-struck towns of Mount Lebanon, to orphanages in Syria. We will examine poetry (including *zajal*—colloquial poetry), and memoirs and diaries by the women and men who withstood the ravages of war and helped shape the modern Middle East. Through close reading and content analysis of a diverse constellation of published and unpublished texts, and using secondary sources as guideposts, we will explore "post-Ottoman memoirs" and verse, including translations from the Arabic and Armenian by the instructor

MDES GU4601 Politics in India. 4 points.

This course will combine study of long-term historical sociology with more short term understanding of policies and their possible effects. Though its main purpose will be to provide students with an understanding of politics after independence, it will argue, methodologically, that this understanding should be based on a study of historical sociology – plotting long-term shifts in the structure of social power. The course will start with analyses of the structures of power and ideas about political legitimacy in pre-modern India, and the transformations brought by colonialism into that order. After a brief study of the nature of political order under the colonial state, the courses will focus primarily on the history of the democratic state after independence.

MDES GU4629 Transregional. 4.00 points.

History, Politics, Literature, Society -- all these are studied as within national, or, at best, regional frames. What other scales and approaches might be appropriate to the study of particular phenomena or categories in the past, as well as some of the challenges of the present? This course introduces advanced undergraduates and graduate students to transregional studies. We explore topics, approaches, methods, problems, and disciplines through which we can cross the regions, particularly the regions of MESAAS. Case studies will consider thinking through and with oceanic studies, circulation, diaspora, shared hermeneutical traditions, *lingua francas* and their stories (world literatures?), and connected histories to rethink concepts of societies, collective affiliations, cosmopolitanism, and world

history. Undergraduates must have taken at least one of the following: Intro to Islamic Civ (UN 2003), Intro to Indian Civ (UN 2357), African Before Colonialism (UN 2915), Societies and Cultures across the Indian Ocean (UN 3445), or some equivalent (check with me)

MDES GU4637 Cinema and Colonialism in South Asia. 4 points.

What is the relation between cinema and colonialism? This seminar approaches cinema as a dynamic historical agent that aided, negotiated, refracted, and contested the mechanisms and meanings of colonialism in South Asia. We will study cinema as technology, as industry, and as cultural form, paying attention to questions of film finance, on-screen representation, production infrastructures, circuits of distribution, and sites of exhibition. We will watch films made by British ethnographers, Indian expats, Hollywood orientalist, and South Asian nationalists to study how film served as a key weapon of imperial propaganda as well as anticolonial resistance. From orientalist films that constructed the colony as exotic and dangerous, to the spatial uses of Indian films to reinforce race inequalities in the diaspora (eg. East Africa), cinema is deeply imbricated with colonial strategies of racial, gendered, and caste-based othering. This is a history of cinema as a history of empire; where cinema is not just a text to be read but a cultural, industrial, and social network of power relations.

MDES GU4721 Epics and Empires: Shahnameh. 4 points.

The purpose of this course is an examination of the genre of epic and its narrative connection to empire-building. The primary text that will be used in this critical examination is the Persian epic poem Shahnameh, composed by Abolqasem Ferdowsi circa 1000 CE.

MDES GU4718 Persian Poetry (In Translation). 4 points.

The purpose of this seminar is to introduce students to the long history and multiple genres of Persian poetry. The seminar will begin with the classical period and come down to the contemporary periods. The geographical span of the course extends from Central Asia to the Indian subcontinent to Iran.

MDES GU4726 READINGS IN PERSIAN TEXTS. 4.00 points.

May be repeated for credit; content varies.

Prerequisites: Must have completed MDES 2702, equivalent two years of Persian or the instructor's permission.

May be repeated for credit; content varies. Prerequisites: Must have completed MDES 2702, equivalent two years of Persian or the instructor's permission. This course provides experience reading and analyzing Persian language texts, as well as translating them into English. We will also spend some time learning how to read different kinds of paleography, and about various manuscript and print conventions and practices. Supplementary scholarly readings in English will situate the Persian texts. There will be a translation workshop at the end of the semester with related texts of the students choosing, in

preparation for a final translation project. No P/D/F or R credit is allowed for this class

MDES GU4733 IRAN: FILM, FICTION, POETRY, HISTORY. 4 points. Not offered during 2022-23 academic year.

This is a general introduction to modern Iranian history with a particular emphasis on film, fiction, and poetry. Through varied exposure to Iranian film and fiction, and Persian poetry, this course is designed to introduce students to critical themes and creative effervescence of modern Iranian culture. The course will concentrate on Iranian cultural history of the last two centuries, with particular emphasis on contemporary issues. But a broader historical context of the last 1400 years will always inform our discussions.

MDES GU4760 SHI'ITES AND SHI'ISM. 4 points.

This is a seminar devoted to a historical and comparative examination of the rise and spread of Shi'ism from its earliest stages in Islamic history to its contemporary conditions in various nation-states (in India, Iran, Iraq, and Lebanon in particular). In this seminar we will cover a range of issues, extended from historical, doctrinal, intellectual, and spiritual roots of Shi'ism to its contemporary political manifestations. The course is intended as a seminar, and students will be expected to conduct guided research in an aspect of Shi'ism that interests them most. The course will be conducted in a combination of weekly lectures, semester-long research, and seminar conversations. Knowledge of Arabic and Persian is not required for this course but would be highly beneficial in conducting research for the final paper.

CLME GU4764 Modern and Medieval Islamic Political Thought. 4 points.

This course is a comparative examination of modern and medieval Islamic political thoughts. The seminar begins with the roots of Islamic political thoughts in the early Islamic history, as well as Qur'anic revelations and Prophetic Hadith traditions. We will then divide the course into two major components: medieval and modern, with the rise of European colonialism in the late 18th century and early 19th century as the principal catalyst of groundbreaking changes in Islamic political thoughts.

MIDDLE EASTERN LANGUAGE COURSES

Arabic

MDES UN1210	FIRST YEAR ARABIC I
MDES UN1211	FIRST YEAR ARABIC II
MDES UN2208	ARABIC FOR HERITAGE SPEAKERS I
MDES UN2209	ARABIC HERITAGE SPEAKERS II
MDES GU4210	THIRD YEAR ARABIC I
MDES GU4211	THIRD YEAR ARABIC II
MDES GU4212	FOURTH YEAR MODERN ARABIC I

MDES GU4213	FOURTH YEAR MODERN ARABIC II
MDES GU4214	FOURTH YEAR CLASSICAL ARABIC I
MDES GU4216	ADVANCED ARABIC GRAMMAR REVIEW
MDES GU4218	SPOKEN ARABIC I
MDES GU4219	SPOKEN ARABIC II
Armenian	
MDES UN1301	ELEMENTARY ARMENIAN I
MDES UN1309	INTEN ARMENIAN/HERITAGE SPKRS
MDES UN2301	INTERMEDIATE ARMENIAN I
MDES GU4314	Readings in Armenian Texts
Hebrew	
MDES UN1501	1ST YR MOD HEBREW:ELEM I
MDES UN1502	1ST YR MOD HEBREW:ELEM II
MDES UN2501	2ND YR MOD HEBREW:INTER I
MDES UN2502	2ND YR MODERN HEBREW II
MDES UN2517	HEBREW FOR HERITAGE SPEAKERS I
MDES GU4501	READINGS IN HEBREW TEXTS I
MDES GU4510	3RD YR MODERN HEBREW I
MDES GU4511	3RD YR MODERN HEBREW II
Persian	
MDES UN1701	ELEMENTARY PERSIAN I
MDES UN2701	INTERMEDIATE PERSIAN I
MDES UN2702	INTERMEDIATE PERSIAN II
MDES GU4710	ADVANCED PERSIAN I
MDES GU4711	ADVANCED PERSIAN II
MDES GU4712	Reading and Grammar Review in Persian
Turkish	
MDES UN1901	ELEMENTARY MODERN TURKISH I
MDES UN1902	ELEMENTARY MODERN TURKISH II
MDES UN2901	INTERMEDIATE MODERN TURKISH I
MDES UN2902	INTERMEDIATE MODERN TURKISH II
MDES GU4910	ADVANCED TURKISH I
MDES GU4911	ADVANCED TURKISH II
MDES GU4921	Elementary Ottoman Turkish I
MDES GU4922	Elementary Ottoman Turkish II
MDES GU4926	READINGS IN OTTOMAN TEXTS I
MDES GU4927	READINGS IN OTTOMAN TEXTS II

SOUTH ASIAN LANGUAGE COURSES (HINDI, URDU, SANSKRIT, TAMIL)

MDES UN1601 ELEMENTARY HINDI-URDU I. 5.00 points.

An introduction to the most widely spoken language of South Asia. Along with an understanding of the grammar, the course offers practice in listening and speaking. The Hindi (Devanagari) script is used for reading and writing. No P/D/F or R credit is allowed for this class

Fall 2022: MDES UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1601	001/11771	M T W Th 4:10pm - 5:15pm 103 Knox Hall	Aftab Ahmad	5.00	14/15

MDES UN1608 HINDI FOR HERITAGE SPEAKERS I. 5.00 points.

This is an accelerated course for students of South Asian origin who already possess a knowledge of basic vocabulary and limited speaking and listening skills in Hindi. They may not have sufficient skills in reading and writing but are able to converse on familiar topics such as: self, family, likes, dislikes and immediate surroundings. This course will focus on developing knowledge of the basic grammar of Hindi and vocabulary enrichment by exposing students to a variety of cultural and social topics related to aspects of daily life; and formal and informal registers. Students will be able to read and discuss simple texts and write about a variety of everyday topics by the end of the semester. No P/D/F or R credit is allowed for this class

Fall 2022: MDES UN1608

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1608	001/11773	M T W Th 2:40pm - 3:45pm C01 Knox Hall	Rakesh Ranjan	5.00	11/15
MDES 1608	002/19949	M T W Th 4:10pm - 5:15pm 114 Knox Hall	Rakesh Ranjan	5.00	11/15

MDES UN1614 URDU FOR HERITAGE SPEAKERS I. 5.00 points.

Prerequisites: a knowledge of basic vocabulary and limited speaking and listening skills in Urdu. This is an accelerated course for students of South Asian origin who already possess a knowledge of basic vocabulary and limited speaking and listening skills in Urdu. They are not expected to know how to read and write in Urdu but are able to converse on familiar topics such as self, family, likes, dislikes and immediate surroundings. This course will focus on developing knowledge of the basic grammar of Urdu and vocabulary enrichment by exposing students to a variety of cultural and social topics related to aspects of daily life; and formal and informal registers. Students will be able to read and discuss simple Urdu texts and write about a variety of everyday topics by the end of the semester. No P/D/F or R credit is allowed for this class

Fall 2022: MDES UN1614

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1614	001/11777	M T W Th 2:40pm - 3:45pm 103 Knox Hall	Aftab Ahmad	5.00	21/22

MDES UN1615 URDU FOR HERITAGE SPEAKERS II. 5.00 points.

Prerequisite: one semester of prior coursework in Urdu for Heritage Speakers I (UN1615) in the Fall semester, or the instructor's permission. This is an accelerated course for students of South Asian origin who already possess a knowledge of basic vocabulary and limited speaking, listening, reading and writing skills in Urdu. For instance, they should be able to converse, comprehend, read and write on familiar topics in Urdu such as: self, family, likes, dislikes and immediate surroundings. This course will focus on developing knowledge of the basic grammar of Urdu and vocabulary enrichment by exposing students to a variety of cultural and social topics related to aspects of daily life; and formal and informal registers. Students will be able to read and discuss simple Urdu texts and write about a variety of everyday topics by the end of the semester. No P/D/F or R credit is allowed for this class

Spring 2023: MDES UN1615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1615	001/12301	M T W Th 2:40pm - 3:45pm 254 International Affairs Bldg	Aftab Ahmad	5.00	18/19

MDES UN2601 INTERMEDIATE HINDI-URDU I. 5.00 points.

Prerequisites: (MDES UN1601) and (MDES UN1602) *MDES UN1601-UN1602* or the instructor's permission.

Prerequisites: (MDES UN1601) and (MDES UN1602) *MDES UN1601-UN1602* or the instructor's permission. Continuing practice in listening, speaking, and grammatical understanding. Along with the Hindi (Devanagari) script, the Urdu (Perso-Arabic) script is taught in the class; both scripts are used for reading and writing. No P/D/F or R credit is allowed for this class

Fall 2022: MDES UN2601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2601	001/11780	M T W Th 1:10pm - 2:15pm 320 River Side Church	Timsal Masud	5.00	4/15

MDES UN2602 INTERMEDIATE HINDI-URDU II. 5.00 points.

Prerequisites: *MDES UN1601-UN1602* or the instructor's permission.

One year of prior coursework in Elementary Hindi-Urdu I# II or the instructor's permission. The course aims to continue consolidating and building upon the existing listening, speaking, reading, writing and cultural skills and will help students acquire higher level proficiency in Hindi language.

Students will be introduced to new grammatical structures and a broad range of vocabulary through exposure to a variety of authentic materials including Hindi literature, newspapers, folk tales, films, songs, and other kinds of written and audio-visual materials and through these materials. Students will expand their knowledge base of the society and culture of the target languages in this course. No P/D/F or R credit is allowed for this class

Spring 2023: MDES UN2602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2602	001/12296	M T W Th 1:10pm - 2:15pm 114 Knox Hall	Timsal Masud	5.00	4/15

MDES GU4611 Readings In Hindi Literature II. 4 points.

May be repeated for credit; content varies.

Prerequisites: *MDES UN2602* or the instructor's permission. This course introduces students to the riches of the classical Hindi Tradition. We read Bhakti and Sufi Literature in tandem, with a special interest in Tulsidas and the Indo-Islamic Romance.

Eligibility: The class is open to undergraduate and graduate students with two or more years of Hindi- Urdu (or permission of the instructor).

MDES GU4624 ADVANCED HINDI I. 5.00 points.

Advanced Hindi I and II are third year courses in the Hindi-Urdu program that aim to continue building upon the existing four language skills (speaking, listening, reading and writing) along with grammar and vocabulary in a communicative approach. The objective of these courses is to strengthen students' language skills and to go beyond them to understand and describe situations and the speech community, understand and discuss Hindi literature and films, news items, T.V. shows and current events. Students will also be given opportunities to work on their areas of interest such as popular culture, professional and research goals in the target language. Students will be expected to expand their vocabulary, enhance grammatical accuracy and develop cultural appropriateness through an enthusiastic participation in classroom activities and immersing themselves in the speech community outside. This course will be taught in the target language. All kinds of conversations such as daily life, on social/public interests' topics as well as on academic interests, will occur in the target language. No P/D/F or R credit is allowed for this class

Fall 2022: MDES GU4624

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4624	001/11781	T Th 10:10am - 12:00pm 104 Knox Hall	Rakesh Ranjan	5.00	7/15

MDES GU4625 ADVANCED HINDI II. 5.00 points.

Advanced Hindi I and II are third year courses in the Hindi-Urdu program that aim to continue building upon the existing four language skills (speaking, listening, reading and writing) along with grammar and vocabulary in a communicative

approach. The objective of these courses is to strengthen students' language skills and to go beyond them to understand and describe situations and the speech community, understand and discuss Hindi literature and films, news items, T.V. shows and current events. Students will also be given opportunities to work on their areas of interest such as popular culture, professional and research goals in the target language. Students will be expected to expand their vocabulary, enhance grammatical accuracy and develop cultural appropriateness through an enthusiastic participation in classroom activities and immersing themselves in the speech community outside. This course will be taught in the target language. All kinds of conversations such as daily life, on social/public interests' topics as well as on academic interests, will occur in the target language. No P/D/F or R credit is allowed for this class

Spring 2023: MDES GU4625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4625	001/12303	T Th 10:10am - 12:00pm 103 Knox Hall	Rakesh Ranjan	5.00	5/15

MDES GU4635 Readings In Urdu Literature I. 4 points.

Prerequisites: two years of prior coursework in Hindi-Urdu (*MDES UN1612 & MDES UN1613*), one year of Urdu for Heritage Speakers (*MDES UN1614 & MDES UN1615*), or the instructor's permission.

This course is a literary course, with in-depth exposure to some of the finest works of classical and modern Urdu prose and poetry. In the fall semester, our focus will be on some of the most famous Urdu short stories while, in the spring semester, we will focus on various genres of Urdu poetry. The content may change each semester. This course is open to both undergraduates and graduates. No P/D/F or R credit is allowed for this class.

MDES GU4636 READINGS IN URDU LIT. 4.00 points.

Prerequisites: two years of prior coursework in Hindi-Urdu (*MDES W1612 & MDES W1613*), one year of Urdu for Heritage Speakers (*MDES W1614 & MDES W1615*), or the instructor's permission.

Two semesters of prior coursework in Urdu for Heritage Speakers (Urdu for Heritage Speakers I and II) or one semester of Advanced Urdu or the instructor's permission. This course is a literary course, with in-depth exposure to some of the finest works of classical and modern Urdu poetry i.e. genres of ghazal and nazm. This course is open for both undergraduates and graduates. No P/D/F or R credit is allowed for this class

Spring 2023: MDES GU4636

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4636	001/12304	T Th 6:10pm - 8:00pm 114 Knox Hall	Aftab Ahmad	4.00	6/15

MDES GU4640 Advanced Urdu. 4.00 points.

Prerequisites: Two years of prior study in Urdu or one year of Urdu for Heritage Speakers I&II courses at Columbia University, or approval of the professor.

Prerequisites: Two years of prior study in Urdu or one year of Urdu for Heritage Speakers I&II courses at Columbia University, or approval of the professor. This is a one-semester course in advanced Urdu language. It will be taught in the fall semester. The goal of the course is to develop students' linguistic skills i.e. listening, speaking, reading, writing and cultural skills in Urdu, and give students in-depth exposure to some of the finest works of classical and modern Urdu prose. Special emphasis will be given to developing a high-register vocabulary. Necessary grammar points will also be explained for developing an accurate and nuanced understanding of the Urdu language. After completing this course, students will be able to read and enjoy Urdu classics and critical academic texts related to various disciplines i.e. old tales, short stories, essays, history, satire, criticism, politics, current issues etc. along with effective speaking skills suited to active interaction in the speech community and a more advanced academic discussion for undergraduate and graduate students. Students will develop an in-depth understanding of South Asian society and culture as well. This course will prepare students to take MDES GU4635 Readings in Urdu Literature I

Fall 2022: MDES GU4640

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4640	001/11785	T Th 6:10pm - 8:00pm 103 Knox Hall	Aftab Ahmad	4.00	1/15

MDES UN1401 ELEMENTARY SANSKRIT I. 4.00 points.

This course constitutes the first half of a year-long introduction to Classical Sanskrit, the translocational language of religious, intellectual, and literary life in South Asia for nearly two millennia. Assuming no prior experience with the language, this introductory sequence provides students with the grammar, reading strategies, and cultural context necessary to begin accessing the language's many rich textual traditions, including scripture (sruti), epic (itihasa), poetry (kavya), drama (na'aka), systematic thought (sastra), and more

Fall 2022: MDES UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1401	001/12181	M T W Th 9:10am - 10:00am 101 Knox Hall	Jay Ramesh	4.00	7/20

MDES UN2401 Intermediate Sanskrit I. 4 points.

Fee: Language Resource Center Fee - 15.00

Prerequisites: Elementary Sanskrit II or instructor permission. This course constitutes the first half of a year-long reading course designed to give students the tools necessary for advanced study in Classical Sanskrit. Readings in epic (itih#sa), poetry (k#vya), systematic thought (##stra), and commentary (vy#khy#na) will introduce students to a variety of important genres and their distinctive conventions. A focus upon the Sanskrit tradition's own categories of analysis—grammatical, commentarial, and prosodic—will enable students to begin to make sense of original Sanskrit texts as generations of the

tradition's own readers have. No P/D/F or R credit is allowed for this class.

MDES GU4810 ADVANCED SANSKRIT I. 4.00 points.

Prerequisites: Two years of Sanskrit or the instructor's permission.

This course constitutes the first half of a year-long advanced reading course in Classical Sanskrit. In 2021-2022, the focus of Advanced Sanskrit will be the genres of literary theory (alan#ka#ras#a#stra) and belles-lettres (ka#vya). Lending equal attention to literary theory and literary practice, this course will introduce students to iconic works of Sanskrit literature along with the interpretive frameworks whereby they were analyzed, relished, and appraised. Literary excerpts may be drawn from an array of subgenres, including courtly epic (maha#ka#vya), epic drama (na#t#aka), literary prose (gadya), and individual verses (muktaka). Rigorous analysis of primary texts will be supplemented by occasional discussions about what implications the disciplined reading of ka#vya may hold for practices such as translation, comparative literature, and transdisciplinarity. Prerequisites: Intermediate Sanskrit II or instructor's permission

MDES GU4812 ADVANCED SANSKRIT II. 4.00 points.

Prerequisites: Two years of Sanskrit or the instructor's permission.

Prerequisites: Two years of Sanskrit or the instructors permission. Prerequisites: Two years of Sanskrit or the instructors permission. The two levels of advanced Sanskrit are given in alternate years. In 2017-2018 court literature (fall) and literary criticism (spring) will be offered; in 2018-2019, philosophy. Close reading of major works, exploring both philological and literary-theoretical aspects of the texts. No P/D/F or R credit is allowed for this class

MDES UN1101 ELEMENTARY TAMIL I. 4.00 points.

This course constitutes the first half of a year-long introduction to Tamil, the official language of the Indian state of Tamil Nadu as well as an official language of Sri Lanka and Singapore. In addition to being spoken by almost 80 million people worldwide, Tamil also has an impressive classical past, having served as a language of religious, intellectual, and literary life in South India for nearly two millennia. Assuming no prior experience with the language, this introductory sequence provides students with the grammar, language skills, and cultural context necessary for achieving their individual Tamil language goals, whether they be conducting fieldwork or scholarly research, chatting with relatives back home, or simply waxing poetic over an artful dosai. In order to cultivate students' reading, writing, speaking, and listening comprehension skills, this course draws upon a wide variety of teaching materials, including the core textbook, oral drills, audio recordings, short films, music videos, memes, and more. No P/D/F or R credit is allowed for this class

Fall 2022: MDES UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MDES 1101	001/12002	M T W Th 1:10pm - 2:00pm 352c International Affairs Bldg	Jay Ramesh 4.00	10/15
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MDES 1101	002/19958	M T W Th 2:30pm - 3:20pm 352b International Affairs Bldg	Jay Ramesh 4.00	11/15
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MDES UN1102 ELEMENTARY TAMIL II. 4.00 points.

Introduces students to the basic grammatical and syntactical skills required to function adequately in a Tamil-speaking environment. Of particular interest to students planning to conduct scholarly research or fieldwork in that region of the world. Introduces students to the rich culture of the Indian subcontinent where Tamil is spoken. No P/D/F or R credit is allowed for this class

Spring 2023: MDES UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1102	001/13234	M T W Th 1:10pm - 2:00pm 352c International Affairs Bldg	Jay Ramesh	4.00	14/15

MDES UN2101 Intermediate Tamil I. 4 points.

Prerequisites: MDES W1101-W1102 or the instructor's permission.

Further develops students' written and oral proficiency in order to allow them to function adequately in a Tamil-speaking environment. Of particular interest to students planning to conduct scholarly research or fieldwork in a Tamil-speaking context. Develops the students' appreciation for the rich culture of the Indian subcontinent where Tamil is spoken. No P/D/F or R credit is allowed for this class.

MDES UN2102 INTERMEDIATE TAMIL II. 4.00 points.

Prerequisites: MDES UN1101-UN1102 or the instructor's permission.

Prerequisites: MDES W1101-W1102 or the instructor's permission. Further develops students' written and oral proficiency in order to allow them to function adequately in a Tamil-speaking environment. Of particular interest to students planning to conduct scholarly research or fieldwork in a Tamil-speaking context. Develops the students' appreciation for the rich culture of the Indian subcontinent where Tamil is spoken. No P/D/F or R credit is allowed for this class

MDES UN3301 Advanced Tamil I. 3 points.

Prerequisites: MDES W1201-W1202 or the instructor's permission.

This course aims at students improving further their language proficiency. It aims at students getting introduced to the long and continuous literary history of Tamil by reading non-contemporary Tamil writings, sometimes the ancient Tamil literary works.

MDES UN3302 Advanced Tamil II. 3 points.

Prerequisites: Advanced Tamil I or instructor permission.

This course aims at students improving further their language proficiency. It aims at students getting introduced to the long

and continuous literary history of Tamil by reading non-contemporary Tamil writings, sometimes the ancient Tamil literary works.

AFRICAN LANGUAGE COURSES (PULAAR, SWAHILI, WOLOF) *FOR ARABIC LANGUAGE COURSES, SEE MIDDLE EASTERN LANGUAGES, ABOVE

PULA UN1101 Elementary Pulaar I. 4 points.

This course offers students an introduction to the basic structures of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN1102 Elementary Pulaar II. 4 points.

This course offers students an introduction to the basic structures of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN2101 Intermediate Pulaar I. 3 points.

Prerequisites: *PULA W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

PULA UN2102 Intermediate Pulaar II. 4 points.

Prerequisites: *PULA W1101-W1102* or the instructor's permission.

This course further develops a student's knowledge of Pulaar, a major language of West Africa. No P/D/F or R credit is allowed for this class.

SWHL UN1101 ELEMENTARY SWAHILI I. 4.00 points.

Essentials of grammar, basic vocabulary, practice in speaking and reading Swahili the most widely used indigenous language of East Africa. No P/D/F or R credit is allowed for this class

Fall 2022: SWHL UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 1101	001/11764	M T W Th 9:10am - 10:00am 253 International Affairs Bldg	Abdul Nanji	4.00	21/21

SWHL UN1102 ELEMENTARY SWAHILI II. 4.00 points.

Essentials of grammar, basic vocabulary, practice in speaking and reading Swahili the most widely used indigenous language of East Africa. No P/D/F or R credit is allowed for this class

Spring 2023: SWHL UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 1102	001/12830	M T W Th 9:10am - 10:00am 253 International Affairs Bldg	Abdul Nanji	4.00	19/23

SWHL UN2101 INTERMEDIATE SWAHILI I. 4.00 points.

Prerequisites: SWHL W1101-W1102 or the instructor's permission. A review of the essentials of Swahili grammar; detailed analysis of Swahili texts; practice in conversation. No P/D/F or R credit is allowed for this class

Fall 2022: SWHL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 2101	001/11767	M T W 10:10am - 11:00am 253 International Affairs Bldg	Abdul Nanji	4.00	11/15

SWHL UN3301 ADVANCED SWAHILI I. 4.00 points.

Prerequisites: *SWHL UN2101-UN2102* or the instructor's permission.

Prerequisites: SWHL UN2101-UN2102 or the instructor's permission. An introduction to the advanced syntactical, morphological, and grammatical structures of Swahili grammar; detailed analysis of Swahili texts; practice in conversation. No P/D/F or R credit is allowed for this class

Fall 2022: SWHL UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 3301	001/11770	M W 12:10pm - 2:00pm 253 International Affairs Bldg	Abdul Nanji	4.00	6/15

SWHL UN3302 ADVANCED SWAHILI II. 4.00 points.

Prerequisites: Advanced Swahili I or the instructor's permission. Prerequisites: Advanced Swahili I or the instructor's permission. An introduction to the advanced syntactical, morphological, and grammatical structures of Swahili grammar; detailed analysis of Swahili texts; practice in conversation. No P/D/F or R credit is allowed for this class

Spring 2023: SWHL UN3302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 3302	001/12840	M W 12:10pm - 2:00pm 253 International Affairs Bldg	Abdul Nanji	4.00	6/15

WLOF UN1101 ELEMENTARY WOLOF I. 4.00 points.

Introduction to the basic grammatical structures of Wolof, a major language of West Africa spoken in Senegal and Gambia. No P/D/F or R credit is allowed for this class

Fall 2022: WLOF UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 1101	001/13213	M T W Th 1:10pm - 2:00pm 351c International Affairs Bldg	Mariame Sy	4.00	4/15

WLOF UN2101 INTERMEDIATE WOLOF I. 4.00 points.

Prerequisites: *WLOF W1101-W1102* or the instructor's permission.

Prerequisites: WLOF W1101-W1102 or the instructor's permission. Further develops a student's knowledge of Wolof, a

major language of West Africa spoken primarily in Senegal and Gambia. No P/D/F or R credit is allowed for this class

Fall 2022: WLOF UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 2101	001/13214	M W 2:10pm - 4:00pm 351c International Affairs Bldg	Mariame Sy	4.00	2/15

WLOF UN3301 ADVANCED WOLOF I. 4.00 points.

Prerequisites: Two years of Wolof or instructor permission.

Prerequisites: Two years of Wolof or instructor permission. No P/D/F or R credit is allowed for this class

Fall 2022: WLOF UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 3301	001/13215	T Th 2:10pm - 4:00pm 351c International Affairs Bldg	Mariame Sy	4.00	0/15

WLOF UN3302 ADVANCED WOLOF II. 4.00 points.

Prerequisites: Advanced Wolof I or instructor permission.

Prerequisites: Advanced Wolof I or instructor permission. This course will further your awareness and understanding of the Wolof language and culture, as well as improve your mastery of grammar, writing skills, and oral expression. Course materials will incorporate various types of text including tales, poetry, literature as well as multimedia such as films, and videos, television and radio programs

Spring 2023: WLOF UN3302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 3302	001/13729	T Th 2:10pm - 4:00pm 351c International Affairs Bldg	Mariame Sy	4.00	1/15

OF RELATED INTEREST

History (Barnard)

MUSIC

Departmental Office: 621 Dodge; 212-854-3825

<http://www.music.columbia.edu/>

Director of Undergraduate Studies: Prof. Aaron Fox, 804 Dodge; 212-854-7185; aaf19@columbia.edu

Music Humanities Chair: Prof. Elaine Sisman, 604 Dodge; 212-854-7728; es53@columbia.edu

Music Performance Program Director: Magdalena Stern-Baczewska, 618A Dodge; 212-854-2348; mb3713@columbia.edu

The music major provides aspiring musicians and/or scholars with a wide range of ways to think about music (performance-related, theoretical, historical, cultural, and compositional)

and to concentrate on the aspects of music that most interest them—from popular and world music to computer music. Our faculty engage in cultural studies (i.e., ethnomusicology) and with current literary theory, connect with faculty of other departments (i.e., English, Philosophy, and Psychology), and are on the cutting edge of technological change. Students who have a passion for music and who have already developed basic skills in areas including performance, music history, composition, or ethnography, should consider a major in music.

MUSIC PERFORMANCE

For information on auditions, registration, and other aspects of performance not included below, visit <https://mpp.music.columbia.edu/>

or contact Magdalena Stern-Baczewska, Director of the Music Performance Program, in 618 Dodge, 212-854-1257.

Students with questions about the Columbia-Juilliard programs should consult *Special Programs* in this Bulletin or contact Rebecca Schiavo, 212-854-9478, rab2195@columbia.edu.

Lessons

Individual lessons on instruments listed under Courses of Instruction may be taken for one half hour per week for 1 point of credit (or in the case of voice lessons at Barnard College, one full hour per week for 2 points). Auditions are only offered in the fall semester and courses are a one year commitment. There is a \$300 lesson fee per semester for each instrumental instruction course.

- *MPP UN1401 BASSOON INSTRUCTION*
- *MPP UN1403 CELLO INSTRUCTION*
- *MPP UN1405 CLARINET INSTRUCTION*
- *MPP UN1407 CLASSICAL SAXOPHONE INSTRUCTION*
- *MPP UN1409 FLUTE INSTRUCTION*
- *MPP UN1411 FRENCH HORN INSTRUCTION*
- *MPP UN1413 GUITAR (BLUEGRASS) INSTRUCTION*
- *MPP UN1415 GUITAR (CLASSICAL) INSTRUCTION*
- *MPP UN1417 HARP INSTRUCTION*
- *MPP UN1419 OBOE INSTRUCTION*
- *MPP UN1421 ORGAN INSTRUCTION*
- *MPP UN1423 PERCUSSION INSTRUCTION*
- *MPP UN1425 PIANO INSTRUCTION*
- *MPP UN1427 STRING BASS INSTRUCTION*
- *MPP UN1429 TROMBONE INSTRUCTION*
- *MPP UN1431 TRUMPET INSTRUCTION*
- *MPP UN1433 TUBA INSTRUCTION*
- *MPP UN1435 VIOLA INSTRUCTION*
- *MPP UN1437 VIOLIN INSTRUCTION*
- *MPP UN1439 EARLY INSTRUMENTS: HARPSICHORD*
- *MPP UN1441 EARLY INSTRUMENTS: VIOLA DA GAMBA*

- MPP UN1443 JAZZ BASS INSTRUCTION
- MPP UN1445 JAZZ BASS (ELECTRIC) INSTRUCTION
- MPP UN1447 JAZZ GUITAR (ELECTRIC) INSTRUCTION
- MPP UN1449 JAZZ ORCHESTRATION
- MPP UN1451 JAZZ PERCUSSION INSTRUCTION
- MPP UN1453 JAZZ PIANO INSTRUCTION
- MPP UN1455 JAZZ SAXOPHONE INSTRUCTION
- MPP UN1457 JAZZ TROMBONE INSTRUCTION
- MPP UN1459 JAZZ TRUMPET INSTRUCTION
- MPP UN1461 JAZZ VOICE INSTRUCTION

Ensembles

Participation in the following ensembles is open to all members of the University community. Students who wish to receive course credit may register for 1 point per semester for these courses as listed.

See Music Performance Program [website](#) for audition and activity information about all of the below.

- *Columbia University Orchestra* – Jeffrey Milarsky, Conductor
See -MPP UN1521 UNIVERSITY ORCHESTRA I for audition and activity information.
- *Chamber Music Ensemble* – Magdalena Stern-Baczewska, Director, Music Performance Program
See -MPP UN1531 CHAMBER ENSEMBLE for audition and activity information.
- *Barnard-Columbia Chorus and Chamber Singers* – Gail Archer, Director
See MUSI UN1593 BARNARD-COLUMBIA CHORUS I- MUSI UN1594 BARNARD-COLUMBIA CHORUS II and MUSI UN1595 BARNARD-COLUMBIA-CHAMBR SINGER- MUSI UN1596 BARNARD-COLUMBIA-CHAMBR SINGER for audition and activity information.
- *Collegium Musicum*
See - MPP UN1511 COLLEGIUM MUSICUM for audition and activity information.
- *Jazz Ensembles* – Christopher Washburne, Director
See -MPP UN1541 COLUMBIA UNIV JAZZ ENSEMBL for audition and activity information.
- *World Music Ensembles* – Magdalena Stern-Baczewska, Director, Music Performance Program
See- MPP UN1551 WORLD MUSIC ENSEMBLE

PRACTICE ROOMS

Please see [Practice Rooms and Policies](#) for the most up to date information.

GRADING

Ensembles: Letter Grade

Instrumental Lesson: P/F

DEPARTMENTAL HONORS

For departmental honors, see the director of undergraduate studies during the first week of the first semester of senior year. A formal written proposal is required. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

PROFESSORS

Marcos Balter
Susan Boynton
Joseph Dubiel
Walter Frisch
Bradford Garton
Giuseppe Gerbino
Georg Friedrich Haas
George Lewis
Elaine Sisman
Christopher Washburne

ASSOCIATE PROFESSORS

Alessandra Ciucci
Kevin A. Fellezs
Aaron Fox
Mariusz Kozak
Benjamin Steege

ASSISTANT PROFESSORS

Zosha Di Castri
Julia Doe

COORDINATOR OF MUSICIANSHIP

Peter Susser

LECTURERS & SR. LECTURERS

Audrey Amsellem
Ashkan Behzadi
Mario Cancel-Bigay
Seth Cluett
Galen DeGraf
Julia Hamilton
Velia Ivanova
Jeffrey Milarsky
Russell O'Rourke
Magdalena Stern-Baczewska
Peter Susser

ASSOCIATES IN MUSIC PERFORMANCE

Sarah Adams
Dmitry Alexeev
Gail Archer (Barnard)

Eliot Bailen
 Bruce Barth
 Cyrus S. Beroukhim
 Allen Blustine
 Vicki Bodner
 Paul Bollenback
 Yari Bond
 Maja Cerar
 Vince Cherico
 Kenneth Cooper
 Christine Correa
 Adriano Dos Santos
 David Fulmer
 Brad Gemeinhardt
 John David Gibson
 Marc Goldberg
 June Han
 Brad Jones
 Sue Ann Kahn
 Arthur Kampela
 James Kerr
 Louis Kosma
 Victor Lin
 Paul-Martin Maki
 Andrew Milne
 Tony Moreno
 Ah-Ling Neu
 Ugonna Okegwo
 Muneko Otani
 Susan Palma-Nidel
 Richard Rood
 Susan Rotholz
 Louise Sasaki
 James Nyoraku Schlefer
 Michael Seltzer
 Don Sickler
 Michael Skelly
 Helen Sung
 Jessica Thompson
 Masayo Ishigure Tokue
 Leo Traversa
 Michael Truesdell
 Reiko Uchida
 Jeffrey Warschauer
 James Wilson

ON LEAVE

Alessandra Ciucci (2022-23)
 Brad Garton (2022-23)
 Giuseppe Gerbino (2022 -23)
 Elaine Sisman (Fall '22)
 Benjamin Steege (Fall '22)

GUIDELINES FOR ALL MUSIC MAJORS AND CONCENTRATORS

A program of study should be planned with the Director of Undergraduate Studies (DUS) in the first semester of the sophomore year. Students planning to focus on a particular area (i.e. computer music, composition, ethnomusicology, music theory or music history) may wish to select a faculty adviser in that area.

Music Theory & Ear-Training

All music majors and concentrators are required to take the Music Theory sequence through Music Theory IV and the Ear-Training sequence through Ear-Training IV. Placement exams are given prior to your initial enrollment in both the Music Theory sequence and Ear-Training sequence, to determine at what level you will be placed in each. For students who do not place in Music Theory I and/or Ear Training I on the placement exam, they must complete these course(s) before they start the corresponding sequence(s):

MUSI UN1002 FUNDAMENTALS OF MUSIC and MUSI UN1312 INTRODUCTORY EAR-TRAINING.

Keyboard Proficiency

All music majors are required to take a keyboard proficiency exam upon entrance into the first semester of Theory. Those who do not pass the exam are required to take *MUSI UN1518 KEYBOARD HARMONY/MUSICIANSHIP*.

Language Recommendations

For students who plan to do graduate work in music, studying German, French, Italian and/or Latin is recommended.

Focus in Composition

For students interested in focusing on the area of Composition, you must take these courses in this order:

MUSI UN2319 Music Theory II
 MUSI UN3310 Techniques of 20th Century Music
 MUSI UN3239 Introduction to Composition
 MUSI UN3241 Advanced Composition

MAJOR IN MUSIC

The major in music requires a minimum of 40 points, including the following courses:

You must complete up to Music Theory IV:

MUSI UN2318 - MUSI UN2319	MUSIC THEORY I and MUSIC THEORY II
MUSI UN3321 - MUSI UN3322	MUSIC THEORY III and MUSIC THEORY IV

You must complete up to Ear-Training IV, ET V is optional:

MUSI UN2314 - MUSI UN2315	EAR-TRAINING I and EAR-TRAINING II
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MUSI UN3316 - MUSI UN3317	EAR-TRAINING III and EAR-TRAINING IV
MUSI GU4318	Ear Training, V
MUSI UN3128 - MUSI UN3129	HIST-WEST MUS: MID AGE- BAROQUE and HIST-WEST MUS:CLASSICAL-20TH CENTURY
MUSI UN3400	TOPICS IN MUSIC # SOCIETY

Electives: At least two 3000- or 4000-level electives.

The remaining points are to be earned through 1000-level MPP courses, 2000, 3000 or 4000-level courses subject to these constraints:

1. No more than 6 points of 2000-level courses.
2. No more than 4 points of 1000-level MPP courses and UN1518 combined (list below):

MPP UN1401	BASSOON INSTRUCTION
MPP UN1403	CELLO INSTRUCTION
MPP UN1405	CLARINET INSTRUCTION
MPP UN1407	CLASSICAL SAXOPHONE INSTRUCTION
MPP UN1409	FLUTE INSTRUCTION
MPP UN1411	FRENCH HORN INSTRUCTION
MPP UN1413	GUITAR (BLUEGRASS) INSTRUCTION
MPP UN1415	GUITAR (CLASSICAL) INSTRUCTION
MPP UN1417	HARP INSTRUCTION
MPP UN1419	OBOE INSTRUCTION
MPP UN1421	ORGAN INSTRUCTION
MPP UN1423	PERCUSSION INSTRUCTION
MPP UN1425	PIANO INSTRUCTION
MPP UN1427	STRING BASS INSTRUCTION
MPP UN1429	TROMBONE INSTRUCTION
MPP UN1431	TRUMPET INSTRUCTION
MPP UN1433	TUBA INSTRUCTION
MPP UN1435	VIOLA INSTRUCTION
MPP UN1437	VIOLIN INSTRUCTION
MPP UN1439	EARLY INSTRUMENTS: HARPSICHORD
MPP UN1441	EARLY INSTRUMENTS: VIOLA DA GAMBA
MPP UN1443	JAZZ BASS INSTRUCTION
MPP UN1445	JAZZ BASS (ELECTRIC) INSTRUCTION
MPP UN1447	JAZZ GUITAR (ELECTRIC) INSTRUCTION
MPP UN1449	JAZZ ORCHESTRATION
MPP UN1451	JAZZ PERCUSSION INSTRUCTION
MPP UN1453	JAZZ PIANO INSTRUCTION

MPP UN1455	JAZZ SAXOPHONE INSTRUCTION
MPP UN1457	JAZZ TROMBONE INSTRUCTION
MPP UN1459	JAZZ TRUMPET INSTRUCTION
MPP UN1461	JAZZ VOICE INSTRUCTION
MPP UN1511	COLLEGIUM MUSICUM
MPP UN1521	UNIVERSITY ORCHESTRA I
MPP UN1531	CHAMBER ENSEMBLE
MPP UN1541	COLUMBIA UNIV JAZZ ENSEMBL
MPP UN1551	WORLD MUSIC ENSEMBLE

CONCENTRATION IN MUSIC

The concentration in music requires a minimum of 28 points, including the following courses:

You must complete up to Music Theory IV:

MUSI UN2318 - MUSI UN2319	MUSIC THEORY I and MUSIC THEORY II
MUSI UN3321 - MUSI UN3322	MUSIC THEORY III and MUSIC THEORY IV

You must complete up to Ear-Training IV, ET V is optional:

MUSI UN2314 - MUSI UN2315	EAR-TRAINING I and EAR-TRAINING II
MUSI UN3316 - MUSI UN3317	EAR-TRAINING III and EAR-TRAINING IV
MUSI GU4318	Ear Training, V
MUSI UN3128 - MUSI UN3129	HIST-WEST MUS: MID AGE- BAROQUE and HIST-WEST MUS:CLASSICAL-20TH CENTURY
MUSI UN3400	TOPICS IN MUSIC # SOCIETY

Electives: At least one 3000- or 4000-level electives.

The remaining points are to be earned through 1000-level MPP courses, 2000, 3000 or 4000-level courses subject to these constraints:

1. No more than 6 points of 2000-level courses.
2. No more than 4 points of 1000-level MPP courses and UN1518 combined (list below):

MPP UN1401	BASSOON INSTRUCTION
MPP UN1403	CELLO INSTRUCTION
MPP UN1405	CLARINET INSTRUCTION
MPP UN1407	CLASSICAL SAXOPHONE INSTRUCTION
MPP UN1409	FLUTE INSTRUCTION
MPP UN1411	FRENCH HORN INSTRUCTION
MPP UN1413	GUITAR (BLUEGRASS) INSTRUCTION

MPP UN1415	GUITAR (CLASSICAL) INSTRUCTION
MPP UN1417	HARP INSTRUCTION
MPP UN1419	OBOE INSTRUCTION
MPP UN1421	ORGAN INSTRUCTION
MPP UN1423	PERCUSSION INSTRUCTION
MPP UN1425	PIANO INSTRUCTION
MPP UN1427	STRING BASS INSTRUCTION
MPP UN1429	TROMBONE INSTRUCTION
MPP UN1431	TRUMPET INSTRUCTION
MPP UN1433	TUBA INSTRUCTION
MPP UN1435	VIOLA INSTRUCTION
MPP UN1437	VIOLIN INSTRUCTION
MPP UN1439	EARLY INSTRUMENTS: HARPSICHORD
MPP UN1441	EARLY INSTRUMENTS: VIOLA DA GAMBA
MPP UN1443	JAZZ BASS INSTRUCTION
MPP UN1445	JAZZ BASS (ELECTRIC) INSTRUCTION
MPP UN1447	JAZZ GUITAR (ELECTRIC) INSTRUCTION
MPP UN1449	JAZZ ORCHESTRATION
MPP UN1451	JAZZ PERCUSSION INSTRUCTION
MPP UN1453	JAZZ PIANO INSTRUCTION
MPP UN1455	JAZZ SAXOPHONE INSTRUCTION
MPP UN1457	JAZZ TROMBONE INSTRUCTION
MPP UN1459	JAZZ TRUMPET INSTRUCTION
MPP UN1461	JAZZ VOICE INSTRUCTION
MPP UN1511	COLLEGIUM MUSICUM
MPP UN1521	UNIVERSITY ORCHESTRA I
MPP UN1531	CHAMBER ENSEMBLE
MPP UN1541	COLUMBIA UNIV JAZZ ENSEMBL
MPP UN1551	WORLD MUSIC ENSEMBLE

SPECIAL CONCENTRATION IN JAZZ STUDIES

Students interested in a special concentration in jazz studies should see *Jazz Studies*.

FALL 2022

MUSI UN1002 FUNDAMENTALS OF MUSIC. 3.00 points.

Corequisites: Introductory Ear-Training (V1312, or higher, as determined by placement exam).

Introduction to music, including notation, written and aural skills, and basic conceptual resources of music theory.

Exploration of scale, mode, rhythm, meter, texture and form, with reference to a diverse range of musics

Fall 2022: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/10375	M W 1:10pm - 2:25pm 814 Dodge Building	Makuluny Alexander-Hills	3.00	20/24

Spring 2023: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/11015	T Th 1:10pm - 2:25pm 620 Dodge Building	Lauren Shepherd	3.00	22/24

HUMA UN1123 MASTERPIECES OF WESTERN MUSIC. 3.00 points.

Analysis and discussion of representative works from the Middle Ages to the present

Fall 2022: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/10699	M W 8:40am - 9:55am 404 Dodge Building	Julia Hamilton	3.00	24/25
HUMA 1123	002/10700	M W 8:40am - 9:55am 405 Dodge Building	Velia Ivanova	3.00	24/25
HUMA 1123	003/10701	M W 8:40am - 9:55am 622 Dodge Building	Mary Kouyoumdjian	3.00	24/25
HUMA 1123	004/10702	M W 10:10am - 11:25am 404 Dodge Building	Julia Hamilton	3.00	22/25
HUMA 1123	005/10703	M W 10:10am - 11:25am 405 Dodge Building	Velia Ivanova	3.00	23/25
HUMA 1123	006/10835	M W 10:10am - 11:25am 622 Dodge Building	Mary Kouyoumdjian	3.00	23/25
HUMA 1123	007/10836	M W 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3.00	23/25
HUMA 1123	008/10839	M W 1:10pm - 2:25pm 716 Hamilton Hall	Thomas Wetmore	3.00	22/25
HUMA 1123	009/10842	M W 2:40pm - 3:55pm 404 Dodge Building	Joshua Navon	3.00	24/25
HUMA 1123	010/10843	M W 2:40pm - 3:55pm 405 Dodge Building	Walter Frisch	3.00	24/25
HUMA 1123	011/10844	M W 2:40pm - 3:55pm 716 Hamilton Hall	Magdalena Baczewska	3.00	23/25
HUMA 1123	012/10845	M W 4:10pm - 5:25pm 404 Dodge Building	Audrey Amsellem	3.00	23/25
HUMA 1123	013/10846	M W 4:10pm - 5:25pm 405 Dodge Building	Marilyn McCoy	3.00	23/25
HUMA 1123	014/10847	M W 4:10pm - 5:25pm 716 Hamilton Hall	Ratidzai Chikukwa	3.00	24/25
HUMA 1123	015/10848	M W 6:10pm - 7:25pm 404 Dodge Building	Audrey Amsellem	3.00	24/25

HUMA 1123	016/10849	M W 6:10pm - 7:25pm 405 Dodge Building	Artun Cekem	3.00	23/25	HUMA 1123	001/10709	M W 8:40am - 9:55am 404 Dodge Building	Julia Hamilton	3.00	23/25
HUMA 1123	017/10852	M W 6:10pm - 7:25pm 716 Hamilton Hall	Nina Fukuoka	3.00	22/25	HUMA 1123	002/10710	M W 8:40am - 9:55am 405 Dodge Building	Velia Ivanova	3.00	23/25
HUMA 1123	018/10853	T Th 8:40am - 9:55am 405 Dodge Building	Knar Abrahamyan	3.00	25/25	HUMA 1123	003/10711	M W 8:40am - 9:55am 622 Dodge Building	Saad Haddad	3.00	22/25
HUMA 1123	019/10854	T Th 8:40am - 9:55am 622 Dodge Building	Grant Woods	3.00	24/25	HUMA 1123	004/10712	M W 10:10am - 11:25am 404 Dodge Building	Julia Hamilton	3.00	25/25
HUMA 1123	020/10858	T Th 10:10am - 11:25am 404 Dodge Building	Lauren Shepherd	3.00	24/25	HUMA 1123	005/10713	M W 10:10am - 11:25am 405 Dodge Building	Velia Ivanova	3.00	25/25
HUMA 1123	021/10859	T Th 10:10am - 11:25am 405 Dodge Building	Joshua Mastel	3.00	25/25	HUMA 1123	006/10714	M W 10:10am - 11:25am 716 Hamilton Hall	Demetrius Shahmehri	3.00	25/25
HUMA 1123	022/10860	T Th 10:10am - 11:25am 716 Hamilton Hall	Madeleine Turner	3.00	25/25	HUMA 1123	007/10715	M W 1:10pm - 2:25pm 404 Dodge Building	Thomas Wetmore	3.00	22/25
HUMA 1123	023/10861	T Th 1:10pm - 2:25pm 404 Dodge Building	Peter Susser	3.00	24/25	HUMA 1123	008/10716	M W 1:10pm - 2:25pm 716 Hamilton Hall	Mariusz Kozak	3.00	22/25
HUMA 1123	024/10862	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Ralph Whyte	3.00	25/25	HUMA 1123	009/10717	M W 2:40pm - 3:55pm 404 Dodge Building	John McWhorter	3.00	25/25
HUMA 1123	025/10868	T Th 2:40pm - 3:55pm 404 Dodge Building	Julia Doe	3.00	25/25	HUMA 1123	010/10718	M W 2:40pm - 3:55pm 405 Dodge Building	Ralph Whyte	3.00	24/25
HUMA 1123	026/10869	T Th 2:40pm - 3:55pm 405 Dodge Building	Russell O'Rourke	3.00	25/25	HUMA 1123	011/10719	M W 2:40pm - 3:55pm 716 Hamilton Hall	Magdalena Baczkewska	3.00	25/25
HUMA 1123	027/10870	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Madeleine Turner	3.00	25/25	HUMA 1123	012/10720	M W 4:10pm - 5:25pm 404 Dodge Building	Audrey Amsellem	3.00	25/25
HUMA 1123	028/10874	T Th 4:10pm - 5:25pm 404 Dodge Building	Ashkan Behzadi	3.00	25/25	HUMA 1123	013/10721	M W 4:10pm - 5:25pm 405 Dodge Building	Marilyn McCoy	3.00	25/25
HUMA 1123	029/10873	T Th 4:10pm - 5:25pm 405 Dodge Building	Russell O'Rourke	3.00	25/25	HUMA 1123	014/10722	M W 4:10pm - 5:25pm 716 Hamilton Hall	Ratidzai Chikukwa	3.00	25/25
HUMA 1123	030/10872	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Ryan Pratt	3.00	25/25	HUMA 1123	015/10723	M W 6:10pm - 7:25pm 404 Dodge Building	Audrey Amsellem	3.00	24/25
HUMA 1123	031/10875	T Th 6:10pm - 7:25pm 404 Dodge Building	Ashkan Behzadi	3.00	22/25	HUMA 1123	016/10724	M W 6:10pm - 7:25pm 405 Dodge Building	Artun Cekem	3.00	24/25
HUMA 1123	032/10876	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Manuel Garcia Orozco	3.00	24/25	HUMA 1123	017/10725	M W 6:10pm - 7:25pm 716 Hamilton Hall	Nina Fukuoka	3.00	24/25
HUMA 1123	033/13594	T Th 8:40am - 9:55am 404 Dodge Building	Anna-Louise Walton	3.00	23/25	HUMA 1123	018/10726	T Th 8:40am - 9:55am 405 Dodge Building	Louis Goldford	3.00	22/25
HUMA 1123	034/13595	T Th 8:40am - 9:55am 716 Hamilton Hall	Gareth Cordery	3.00	20/25	HUMA 1123	019/10727	T Th 8:40am - 9:55am 622 Dodge Building	Laina Dawes	3.00	24/25
HUMA 1123	035/13596	T Th 6:10pm - 7:25pm 405 Dodge Building	Demetrius Shahmehri	3.00	22/25	HUMA 1123	020/10728	T Th 10:10am - 11:25am 404 Dodge Building	Madeleine Turner	3.00	23/25
HUMA 1123	036/18243	T Th 10:10am - 11:25am Online Only	Alexander Rothe	3.00	23/24	HUMA 1123	021/10729	T Th 10:10am - 11:25am 405 Dodge Building	Joshua Navon	3.00	25/25
Spring 2023: HUMA UN1123						HUMA 1123	022/10730	T Th 10:10am - 11:25am 716 Hamilton Hall	Manuel Garcia Orozco	3.00	25/25
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						

HUMA 1123	023/10731	T Th 1:10pm - 2:25pm 404 Dodge Building	Madeleine Turner	3.00	25/25
HUMA 1123	024/10732	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Mary Kouyoumdjian	3.00	25/25
HUMA 1123	025/10735	T Th 2:40pm - 3:55pm 404 Dodge Building	Benjamin Steege	3.00	25/25
HUMA 1123	026/10736	T Th 2:40pm - 3:55pm 405 Dodge Building	Russell O'Rourke	3.00	25/25
HUMA 1123	027/10737	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Mary Kouyoumdjian	3.00	24/25
HUMA 1123	028/10738	T Th 4:10pm - 5:25pm 404 Dodge Building	Ashkan Behzadi	3.00	25/25
HUMA 1123	029/10739	Th 4:10pm - 5:25pm 405 Dodge Building	Russell O'Rourke	3.00	24/25
HUMA 1123	030/10740	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Ryan Pratt	3.00	25/25
HUMA 1123	031/10741	T Th 6:10pm - 7:25pm 404 Dodge Building	Ashkan Behzadi	3.00	23/25
HUMA 1123	032/10742	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Unnur Evans	3.00	24/25
HUMA 1123	033/10743	T Th 8:40am - 9:55am 404 Dodge Building	Grant Woods	3.00	25/25
HUMA 1123	034/10744	T Th 8:40am - 9:55am 716 Hamilton Hall		3.00	22/25
HUMA 1123	035/10745	T Th 6:10pm - 7:25pm 405 Dodge Building	Ashley Nail	3.00	25/25
HUMA 1123	036/15142	T Th 1:10pm - 2:25pm Online Only	Alexander Rothe	3.00	24/25

MUSI UN1312 INTRODUCTORY EAR-TRAINING. 1.00 point.

This course is an introduction to basic skills in sight reading. Instruction includes reading rhythms in simple meter, solfege recitation, and sight-singing simple melodies

Fall 2022: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/10370	M W 12:10pm - 1:00pm 404 Dodge Building	Ramin Amir Arjomand	1.00	12/14

Spring 2023: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/11016	T Th 12:10pm - 1:00pm 404 Dodge Building	Michael Joviala	1.00	12/14

MUSI UN1518 KEYBOARD HARMONY/MUSICIANSHIP. 1.00 point.

Prerequisites: Instructor Permission

Prerequisites: Instructor Permission This course is only open to Music Theory students who did not pass the piano proficiency exam. Sign up in 109 Dodge

Fall 2022: MUSI UN1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1518	001/10402		Michael Skelly	1.00	0/12

Spring 2023: MUSI UN1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1518	001/11013		Michael Skelly	1.00	0/12

MUSI UN2016 JAZZ. 3.00 points.

The musical and cultural features of jazz, beginning in 1900

MUSI UN2021 MUSIC IN CONTEMP NATIVE AMER. 3.00 points.

Music in Contemporary Native America is a historical, ethnographic, and topical examination of contemporary Native American musical practices and ideologies. The course emphasizes popular, vernacular, and mass mediated musics, and calls into question the simple distinction between traditional and modern aspects of Native American cultures. Our readings and class guests (several of whom will be Native American scholars) emphasize the importance of understanding Native 2 American perspectives on these topics. Three short papers and one substantial final project are required. Approximately 100-150 pages of reading per week

MUSI UN2023 BEETHOVEN. 3.00 points.

Prerequisites: HUMA UN1123 or the equivalent.

A study of the life and works of Ludwig van Beethoven, with emphasis on selected symphonies, string quartets, and piano sonatas. Also consider the changing nature of the critical reception of Beethoven and issues of classicism and romanticism in music.

MUSI UN2025 THE OPERA. 3.00 points.

Prerequisites: *HUMA W1123* or the equivalent.

The development of opera from Monteverdi to the present. IN FALL 2011, THE OPERA WILL BE OFFERED MON/WED 2:40-3:55 in 622 DODGE.

MUSI UN2030 JEWISH MUSIC IN NEW YORK. 3.00 points.

Prerequisites: Music Humanities (Columbia University) or An Introduction to Music (Barnard).

Prerequisites: Music Humanities (Columbia University) or An Introduction to Music (Barnard). With the arrival of the first Jewish immigrants in New York in the mid-1600s until today, Jewish music in the City has oscillated between preserving traditions and introducing innovative ideas. This course explores the variety of ways people have used music to describe, inscribe, symbolize, and editorialize their Jewish experience. Along these lines, it draws upon genres of art music, popular music, and non-Western traditions, as well as practices that synthesize various styles and genres, from hazzanut to hip-hop. Diverse musical experiences will serve as

a window to address wider questions of identity, memory, and dislocation. We will also experience the Jewish soundscape of New York's dynamic and eclectic music culture by visiting various venues and meeting key players in today's music scene, and thus engage in the ongoing dialogues that define Jewishness in New York. A basic familiarity with Judaism and Jewish culture is helpful for this course, but it is by no means required. You do not need to know Jewish history to take this class, nor do you need to be able to read music. Translations from Hebrew and Yiddish will be provided, and musical analysis will be well explained

Fall 2022: MUSI UN2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2030	001/10403	M W 11:40am - 12:55pm 716 Hamilton Hall	Tina Fruehauf	3.00	13/25

MUSI UN2205 INTRODUCTION TO DIGITAL MUSIC. 3.00 points.

Prerequisites: Permission of Instructor required to enroll. Music Majors/Music Concentrations have priority for enrollment. An introduction to the potential of digital sound synthesis and signal processing. Teaches proficiency in elementary and advanced digital audio techniques. This course aims to challenge some of the tacet assumptions about music that are built into the design of various user interfaces and hardware and fosters a creative approach to using digital audio workstation software and equipment. Permission of Instructor required to enroll. Music Majors have priority for enrollment

Fall 2022: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/10404	T Th 1:10pm - 2:25pm 320h Prentis Hall	Seth Cluett	3.00	18/18

Spring 2023: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/11052	T Th 1:10pm - 2:25pm 320h Prentis Hall	Camila Agosto	3.00	18/18
MUSI 2205	002/12305	M W 1:10pm - 2:25pm 320h Prentis Hall	Anna Meadors	3.00	19/18

MUSI UN2230 History and Practice of Electronic Music. 3.00 points.

This course will provide a critical survey of the development of electronic and computer music and sound from around the globe. From early experiments and precursors in the late 19th century through to modern-day experimental and popular music practices, this course aims to trace the development of technologies used in the production of electronic and computer derived sound and music alongside the economic, cultural, and social forces that contribute to the development of audiences. The course will focus intently on listening through a series of curated playlists in an effort to unpack style and genre distinctions. Readings and listening examples will be paired with small, hands-on assignments, that demonstrate the effect

of music making tools on the process and structure of musical genres and styles ranging from the experimental practices of musique concrete, drone, and harsh noise to the mainstream practices of dub, techno, vaporwave, hyperpop, and hip hop and more

Spring 2023: MUSI UN2230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2230	001/12316	M W 4:10pm - 5:25pm 622 Dodge Building	Jules Gimbrone	3.00	29/43
MUSI 2230	AU1/18377	M W 4:10pm - 5:25pm Othr Other	Jules Gimbrone	3.00	4/3

MUSI UN2314 EAR-TRAINING I. 1.00 point.

Designed to improve the students basic skills in sight-singing, and rhythmic and melodic dictation with an introduction to four-part harmonic dictation

Fall 2022: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/10371	T Th 12:10pm - 1:00pm 404 Dodge Building	Barami Waspe	1.00	14/14
MUSI 2314	002/15086	M W 12:10pm - 1:00pm 814 Dodge Building	Sadie Dawkins	1.00	12/14

Spring 2023: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/11053	M W 12:10pm - 1:00pm 404 Dodge Building	Sadie Dawkins	1.00	12/14

MUSI UN2315 EAR-TRAINING II. 1.00 point.

Techniques of sight-singing and dictation of diatonic melodies in simple and compound meter with strong emphasis on harmonic dictation

Fall 2022: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/10372	M W 12:10pm - 1:00pm 405 Dodge Building	Michael Joviala	1.00	13/14

Spring 2023: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/11054	M W 12:10pm - 1:00pm 405 Dodge Building	Ramin Amir Arjomand	1.00	10/14
MUSI 2315	002/11055	T Th 12:10pm - 1:00pm 405 Dodge Building	Barami Waspe	1.00	15/14

MUSI UN2318 MUSIC THEORY I. 3.00 points.

Prerequisites: Passing score on the placement exam administered prior to the first day of class or Fundamentals of Music/UN1002.

Elementary analysis and composition in a variety of modal and tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in

conjunction with the Ear-Training sequence, up through Ear-Training IV

Fall 2022: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/10376	T Th 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3.00	22/20

Spring 2023: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/11056	M W 1:10pm - 2:25pm 405 Dodge Building	Knar Abrahamyan	3.00	14/20

MUSI UN2319 MUSIC THEORY II. 3.00 points.

Prerequisites: Passing score on the placement exam administered prior to the first day of class or Music Theory I/ UN2318

Corequisites: one course from Ear-Training I-IV (V2314, V2315, V3316, or V3317, as determined by placement exam.) Elementary analysis and composition in a variety of tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV

Fall 2022: MUSI UN2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/10377	M W 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3.00	12/20

Spring 2023: MUSI UN2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/11057	T Th 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3.00	16/20

MUSI UN3128 HIST-WEST MUS: MID AGE-BAROQUE. 3.00 points.

Prerequisites: *MUSI UN2318* - *MUSI UN2319*. May be taken before or concurrently with this course.

Prerequisites: *MUSI UN2318* - *MUSI UN2319*. May be taken before or concurrently with this course. Topics in Western music from Antiquity through Bach and Handel, focusing on the development of musical style and thought, and analysis of selected works

Fall 2022: MUSI UN3128

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3128	001/10405	T Th 2:40pm - 3:55pm 622 Dodge Building	Susan Boynton	3.00	15/35

MUSI UN3241 ADVANCED COMPOSITION I. 3.00 points.

Composition Faculty

Prerequisites: UN3239/Intro to Comp I

Composition in more extended forms. Study of advanced techniques of contemporary composition. Readings of student works

Fall 2022: MUSI UN3241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3241	001/10406	M W 10:10am - 11:25am 620 Dodge Building	Zosha Di Castri	3.00	11/11

MUSI UN3261 Sound Synthesis Techniques and Creative Coding. 3.00 points.

An accelerated MaxMSP creation lab designed for student musicians or programmers who are interested in the manipulation and transformation of sonic and musical data. MaxMSP is a visual programming environment optimized for creative coding. With a focus on the creative generation of musical materials for composition and performance, Max and related software will also be evaluated for analytical use cases in music theory, musicology, and other cross disciplines. Students will produce creative projects with the aid of weekly modules and tasks focusing on classic and contemporary approaches to audio synthesis (e.g. binaural audio spatialization and machine learning applications). Synchronous group coding in MaxMSP will deepen understanding of each module, supported by asynchronous video tutorials, supplementary reading, and listening. Projects will be evaluated based on creative and personal implementations of synthesis techniques. A major effort has been made towards creating an equitable and inclusive computer music practice incorporating high level open source synthesis tools. Although no formal prerequisite exists for this course, some comfort in any of the following areas is advisable: study of a musical instrument, music-theoretical analysis or historic study, electronic music or synthesis, audio production, or an understanding of basic principles in a computer language. Skills in any of these areas may be taken as a sufficient prerequisite for this course. Onboarding materials and a flexible, customizable scaffolding will be offered to those who are starting out with MaxMSP

Fall 2022: MUSI UN3261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3261	001/12968	M W 11:40am - 12:55pm 320h Prentis Hall	Louis Goldford	3.00	11/15
MUSI 3261	AU1/17039	M W 11:40am - 12:55pm 320h Prentis Hall	Louis Goldford	3.00	2/2

MUSI UN3316 EAR-TRAINING III. 1.00 point.

Sight-singing techniques of modulating diatonic melodies in simple, compound, or irregular meters that involve complex rhythmic patterns. Emphasis is placed on four-part harmonic dictation of modulating phrases

Fall 2022: MUSI UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/10373	M W 12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1.00	9/14

Spring 2023: MUSI UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 3316 001/11058 M W 12:10pm - Peter 1.00 14/14
1:00pm Susser
620 Dodge Building

MUSI UN3317 EAR-TRAINING IV. 1.00 point.

Techniques of musicianship at the intermediate level, stressing the importance of musical nuances in sight-singing. Emphasis is placed on chromatically inflected four-part harmonic dictation

Fall 2022: MUSI UN3317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/10374	T Th 12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1.00	9/14

Spring 2023: MUSI UN3317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/11059	T Th 12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1.00	10/14

AHMM UN3321 MUSICS OF INDIA # WEST ASIA. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A topical approach to the concepts and practices of music in relation to other arts in the development of Asian civilizations

Fall 2022: AHMM UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHMM 3321	001/10249	M W 6:10pm - 7:25pm 620 Dodge Building	Jessie Rubin	3.00	20/25
AHMM 3321	002/10250	M W 6:10pm - 7:25pm 622 Dodge Building	Laina Dawes	3.00	26/25
AHMM 3321	003/10251	T Th 10:10am - 11:25am 622 Dodge Building	Laina Dawes	3.00	25/25
AHMM 3321	004/10252	T Th 6:10pm - 7:25pm 622 Dodge Building	Noah Rosen	3.00	20/25

MUSI UN3321 MUSIC THEORY III. 3.00 points.

A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: *MUSI V2319*.

Intermediate analysis and composition in a variety of tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV

Fall 2022: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/10378	M W 1:10pm - 2:25pm 622 Dodge Building	Joseph Dubiel	3.00	11/20

Spring 2023: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 3321 001/11188 M W 1:10pm - Galen 3.00 9/20
2:25pm DeGraf
622 Dodge Building

MUSI UN3322 MUSIC THEORY IV. 3.00 points.

Prerequisites: Music Theory II/UN3321

Intermediate analysis and composition in a variety of tonal and extended tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV

Fall 2022: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/10379	T Th 1:10pm - 2:25pm 622 Dodge Building	Benjamin Steege	3.00	8/20

Spring 2023: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/11189	T Th 1:10pm - 2:25pm 622 Dodge Building	Joseph Dubiel	3.00	10/20

MUSI UN3400 TOPICS IN MUSIC # SOCIETY. 3.00 points.

Music Majors and Concentrators.

This course seeks to approach the study of music and society by comparatively studying repertoires from different parts of the world, how the history of ideas and methods of studying such repertoires shaped them, the practices that constitute them and the ways they are understood and used by different peoples. Central to this course is the interrelationship between the constitution of a repertoire and the history of the construction of knowledge about it

Fall 2022: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/10407	T Th 4:10pm - 5:25pm 622 Dodge Building	Thomas Wetmore	3.00	15/35

Spring 2023: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/11214	M W 2:40pm - 3:55pm 814 Dodge Building	Thomas Wetmore	3.00	12/35

MUSI UN3410 The Polycultural Roots of U.S. Popular Music. 3.00 points.

This course will explore the rich hybrid development of U.S. popular music genres and vernacular music traditions. Focusing on the contributions of Indigenous, Latinx, Asian, and African American musicians and musical traditions in addition to European American musicians and musical traditions, in genres as various as country music, hip hop, jazz, reggaeton, and rock, students will enlarge their sense of the multiracial and crosscultural makeup of the music that constitutes "American popular music."

MUSI UN3425 Music, Sound and the Law. 3.00 points.

This course is a historical overview of the relationship between music and the law in which students will employ both critical listening skills and critical thinking to understand how sound came to be understood as property, how the law impacts creativity, identity and labor, and how music has been used as a tool for enforcing and challenging legislative and political processes. We will discuss the origins of copyright law in the Enlightenment, how music has been used as a tool of colonization through formation of archives, examples of Native American conceptions of cultural property and modes of repatriation, the birth of the music industry and its segregationist history, how the law impacts creativity through the study of sampling, infringement and extension of rights, the ways in which musicians and listeners subvert legal strictures, how music can influence policy as protest or as propaganda, musical bans, noise ordinances, the relationship between music and the First Amendment, alternatives to copyright law in the digital age, music piracy, and the recent changes in the music industry to focus on data gathering as the primary model for music distribution. Music is our point of departure, and students will learn ways in which sonic practices shaped and challenged legislative paradigms. Our focus is on American musics such as Native American music, blues, country, jazz, rhythm and blues, rock and roll, experimental music, hip hop, pop, as well as some European classical music, “world” music, and EDM. Students will read and analyze legal primary sources such as the Music Modernization Act, as well as landmark court cases, critical legal literature, and musicological texts. Students will learn debate skills, acquire practical knowledge of the law through concepts such as fair use, the public domain and mechanical and performance rights, and develop listening skills to understand legal concepts such as infringement. This course is open to students of all majors and will be of particular interest to musicians, students with plans to pursue a law degree in IP or technology law, as well as those interested in working in the music industry. There are no prerequisites and no previous knowledge of music, music theory, or the law is necessary. Masterpieces of Western Music or Asian Music Humanities are recommended

MUSI UN3995 HONORS RESEARCH. 2.00-3.00 points.

Open to honors candidates in music only.

Prerequisites: a formal proposal to be submitted and approved prior to registration; see the director of undergraduate studies for details.

Prerequisites: a formal proposal to be submitted and approved prior to registration; see the director of undergraduate studies for details. A creative/scholarly project conducted under faculty supervision, leading to completion of an honors essay, composition, or the equivalent

Fall 2022: MUSI UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3995	001/10420		Susan Boynton	2.00-3.00/5	

MUSI 3995 003/10422

MUSI 3995 004/10423

MUSI 3995 005/10424

MUSI 3995 006/10425

MUSI 3995 007/10426

MUSI 3995 008/10427

MUSI 3995 011/10429

MUSI 3995 013/10430

MUSI 3995 014/10431

MUSI 3995 015/10432

MUSI 3995 016/10433

MUSI 3995 019/10434

MUSI 3995 020/10435

MUSI 3995 021/10436

Spring 2023: MUSI UN3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3995	001/11095		Susan Boynton	2.00-3.00/5	
MUSI 3995	002/20318		Alessandra Ciucci	2.00-3.00/5	
MUSI 3995	003/11096		Zosha Di Castri	2.00-3.00/5	
MUSI 3995	004/11097		Julia Doe	2.00-3.00/5	
MUSI 3995	005/11098		Joseph Dubiel	2.00-3.00/5	
MUSI 3995	006/11099		Kevin Fellezs	2.00-3.00/5	
MUSI 3995	007/11100		Aaron Fox	2.00-3.00/5	
MUSI 3995	008/11101		Walter Frisch	2.00-3.00/5	
MUSI 3995	011/11102		Georg Friedrich Haas	2.00-3.00/5	
MUSI 3995	012/11103		Marcos Balter	2.00-3.00/5	
MUSI 3995	013/11104		Mariusz Kozak	2.00-3.00/5	
MUSI 3995	014/11105		George Lewis	2.00-3.00/5	
MUSI 3995	015/11106		Jeffrey Milarsky	2.00-3.00/5	
MUSI 3995	016/11113		Seth Cluett	2.00-3.00/5	
MUSI 3995	018/11107		Benjamin Steege	2.00-3.00/5	
MUSI 3995	019/11108		Magdalena Baczewska	2.00-3.00/5	
MUSI 3995	020/11109		Peter Susser	2.00-3.00/5	
MUSI 3995	021/11110		Christopher Washburne	2.00-3.00/5	

MUSI UN3998 SUPERVISED INDEPENDENT STUDY. 2.00-3.00 points.

Prerequisites: approval prior to registration; see the director of undergraduate studies for details.

Prerequisites: approval prior to registration; see the director of undergraduate studies for details. A creative/scholarly project conducted under faculty supervision

Fall 2022: MUSI UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3998	001/10437		Susan Boynton	2.00-3.00/5	
MUSI 3998	003/10439		Zosha Di Castri	2.00-3.00/5	
MUSI 3998	004/10440		Julia Doe	2.00-3.00/5	
MUSI 3998	005/10441		Joseph Dubiel	2.00-3.00/5	
MUSI 3998	006/10442		Aaron Fox	2.00-3.00/5	
MUSI 3998	007/10443		Kevin Fellezs	2.00-3.00/5	
MUSI 3998	008/10444		Walter Frisch	2.00-3.00/5	
MUSI 3998	011/10446		Georg Friedrich Haas	2.00-3.00/5	
MUSI 3998	013/10447		Mariusz Kozak	2.00-3.00/5	
MUSI 3998	014/10448		George Lewis	2.00-3.00/5	
MUSI 3998	015/10449		Jeffrey Milarsky	2.00-3.00/5	
MUSI 3998	016/10453		Seth Cluett	2.00-3.00/5	
MUSI 3998	019/10452		Magdalena Baczkewska	2.00-3.00/5	
MUSI 3998	020/10451		Peter Susser	2.00-3.00/5	
MUSI 3998	021/10450		Christopher Washburne	2.00-3.00/5	

Spring 2023: MUSI UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3998	001/11116		Susan Boynton	2.00-3.00/5	
MUSI 3998	003/11117		Zosha Di Castri	2.00-3.00/5	
MUSI 3998	004/11118		Julia Doe	2.00-3.00/5	
MUSI 3998	005/11119		Joseph Dubiel	2.00-3.00/5	
MUSI 3998	006/11120		Aaron Fox	2.00-3.00/5	
MUSI 3998	007/11121		Kevin Fellezs	2.00-3.00/5	
MUSI 3998	008/11122		Walter Frisch	2.00-3.00/5	
MUSI 3998	011/11123		Georg Friedrich Haas	2.00-3.00/5	
MUSI 3998	012/11111		Marcos Balter	2.00-3.00/5	
MUSI 3998	013/11124		Mariusz Kozak	2.00-3.00/5	
MUSI 3998	014/11125		George Lewis	2.00-3.00/5	

MUSI 3998	015/11126	Jeffrey Milarsky	2.00-3.00/5
MUSI 3998	016/11112	Seth Cluett	2.00-3.00/5
MUSI 3998	018/11127	Benjamin Steege	2.00-3.00/5
MUSI 3998	019/11128	Magdalena Baczkewska	2.00-3.00/5
MUSI 3998	020/11129	Peter Susser	2.00-3.00/5
MUSI 3998	021/11130	Christopher Washburne	2.00-3.00/5
MUSI 3998	022/11115	Galen DeGraf	2.00-3.00/5
MUSI 3998	023/11114	Ole Mathisen	2.00-3.00/5

MUSI GU4308 Theory and Analysis of Jazz and Improvisation. 3.00 points.

This course explores diverse approaches to analyzing jazz and improvisation. Students will engage with analytical methods stemming from both scholars and improvisers, learn to apply traditional analytical approaches, examine critical issues underlying them, and develop new applications of heretofore underexamined ones. We will focus alternatively on harmony, solos, interaction, cognition, rhythm, and pedagogy, among other issues, and the survey will afford students insight into the priorities, methodologies, outcomes, and shortcomings of each of them. Additionally, the course covers theoretical texts produced by improvising musicians, as well as instances where improvisers engage with preexisting theoretical texts. Finally, we will also examine intersections between identity—encompassing issues such as race, ethnicity, gender, and class among others—and music theory. We will investigate characterizations of music theory, composition, and improvisation in terms of identity and suggest ways that we might incorporate the diverse range of theorists and analysts in our course into larger intellectual and musical histories

Fall 2022: MUSI GU4308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4308	001/10456	M W 4:10pm - 5:25pm 814 Dodge Building	Ole Mathisen	3.00	12/25

MUSI GU4325 Introduction to Cognitive Musicology. 3.00 points.

This course is an introduction to a variety of key topics in the field of cognitive musicology, including human development, evolution, neural processing, embodied knowledge, memory and anticipation, cross-cultural perspectives, and emotions. The course explores recent research on these topics, as well as ways in which this research can be applied to music scholarship

MUSI GU4360 ANALYSIS OF TONAL MUSIC. 3.00 points.

Detailed analysis of selected tonal compositions. This course, for advanced undergraduates and beginning graduates, is intended to develop understanding of tonal compositions and of theoretical concepts that apply to them, through study of specific works in various forms and styles

MUSI GU4525 INSTRUMENTATION. 3.00 points.

Prerequisites: extensive musical background. Analysis of instrumentation, with directional emphasis on usage, ranges, playing techniques, tone colors, characteristics, interactions and tendencies, all derived from the classic orchestral repertoire. Topics will include theoretical writings on the classical repertoire as well as 20th century instrumentation and its advancement. Additional sessions with live orchestral demonstrations are included as part of the course

Fall 2022: MUSI GU4525

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4525	001/10457	T Th 1:10pm - 2:25pm 814 Dodge Building	Jeffrey Milarsky	3.00	6/25
MUSI 4525	AU1/17042			3.00	1/2

MUSI GU4630 RECORDED SOUND. 3.00 points.

Prerequisites: The instructor's permission.

Prerequisites: The instructors permission. As music moves into the 21st century, we find ourselves surrounded by an ever-evolving landscape of technological capability. The world of music, and the music industry itself, is changing rapidly, and with that change comes the opening – and closing – of doorways of possibility. What does this shift mean for today's practicing artist or composer? With big label recording studios signing and nurturing fewer and fewer artists, it seems certain that, today, musicians who want to record and distribute their music need to be able to do much of the recording and production work on their own. But where does one go to learn how to do this – to learn not only the “how to” part of music production, but the historical underpinnings and the development of the music production industry as well? How does one develop a comprehensive framework within which they can place their own artistic efforts? How does one learn to understand what they hear, re-create what they like and develop their own style? This class, “Recorded Sound,” aims to be the answer. It's goal is to teach artists how to listen critically to music from across history and genres in order to identify the production techniques that they hear, and reproduce those elements using modern technology so they can be incorporated into the artist's own musical works

Fall 2022: MUSI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4630	001/10458	M 1:10pm - 4:00pm 317 Prentis Hall	David Adamczyk	3.00	15/15

Spring 2023: MUSI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4630	001/12317	T 6:10pm - 8:00pm 317 Prentis Hall	Anna Meadors	3.00	16/15

MUSI GU4810 Sound: Foundations. 3.00 points.

This foundational course in sound will begin by exploring how listening happens as well the tools necessary capture and present that listening. Through hands-on experimentation and demonstration, this seminar will examine both the technical and semiotic use of sound as amaterial within creative practice.

Fundamental studio techniques will be explored including soldering for building cables, microphones, and loudspeakers. We will also explore the building blocks of analog and digital processes for the creation of sound, including microphones (types, patterns, and placement), basic synthesis, and techniques for recording, mixing, editing, and mastering. Through creative projects that implement these skills we will learn by doing. We will study theories of sound and listening that determine or are determined by technology, from the physical and social dimensions of the sounds we use to create, language (sound as a symbol or object), acoustics (sound in space), acousmatics (sound without a visual reference), and psycho-acoustics (sound as cognitive process). This class assumes no prior knowledge or technical skill. Some reading will be assigned and we will look and listen to a lot of work, students are encouraged to participate actively in discussions

Fall 2022: MUSI GU4810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4810	001/10459	M 4:10pm - 6:00pm 320h Prentis Hall	Seth Cluett	3.00	14/15

MUSI GU4998 SUPERVISED INDEPENDENT STUDY.

1.00-3.00 points.

Fall 2022: MUSI GU4998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4998	001/10455		Seth Cluett	1.00-3.00/5	
MUSI 4998	002/19992		Tina Fruehauf	1.00-3.00/5	

Spring 2023: MUSI GU4998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4998	001/11165		Seth Cluett	1.00-3.00/5	

MPP UN1401 BASSOON INSTRUCTION. 1.00 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Prerequisites: Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Please sign up for an audition time on MPP website in August: mpp.music.columbia.edu

Fall 2022: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/10268		Mark Timmerman	1.00	1/5

Spring 2023: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/11868		Mark Timmerman	1.00	0/5

MPP UN1403 CELLO INSTRUCTION. 1.00 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/10269		Eliot Bailen	1.00	5/5
MPP 1403	002/20150		James Wilson	1.00	4/5
MPP 1403	003/10270		Wendy Sutter	1.00	4/5

Spring 2023: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/11869		Eliot Bailen	1.00	2/5
MPP 1403	002/11870		James Wilson	1.00	3/5
MPP 1403	003/11871		Wendy Sutter	1.00	3/5

MPP UN1405 CLARINET INSTRUCTION. 1.00 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/10271		Allen Blustine	1.00	5/5

Spring 2023: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/11872		Allen Blustine	1.00	3/5

MPP UN1407 CLASSICAL SAXOPHONE INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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website: mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

MPP UN1409 FLUTE INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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website: mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/10272		Sue Anne Kahn	1.00	1/5
MPP 1409	002/10273		Susan Palma-Nidel	1.00	1/5
MPP 1409	003/10274		Susan Rotholz	1.00	1/5

Spring 2023: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/11873		Sue Anne Kahn	1.00	1/5
MPP 1409	002/11874		Susan Palma-Nidel	1.00	1/5
MPP 1409	003/11875		Susan Rotholz	1.00	1/5

MPP UN1411 FRENCH HORN INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1411	001/10276		Brad Gemeinhardt	1.00	2/5

Spring 2023: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1411	001/11876		Brad Gemeinhardt	1.00	2/5

MPP UN1413 GUITAR (BLUEGRASS) INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu

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Prerequisites: Audition Required: Sign up for an audition time on MPP website:

www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/10277		James Kerr	1.00	3/5

Spring 2023: MPP UN1413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/11877		James Kerr	1.00	3/5

MPP UN1415 GUITAR (CLASSICAL) INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

Prerequisites: Sign up for an audition time on MPP

website: mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website:

mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

MPP UN1417 HARP INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Sign up for an audition on MPP website:

mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website:

mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning

students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1417

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/10278		June Han	1.00	3/5

Spring 2023: MPP UN1417

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/11878		June Han	1.00	2/5

MPP UN1419 OBOE INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website:

www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/10279		Vicki Bodner	1.00	0/5

Spring 2023: MPP UN1419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/11879		Vicki Bodner	1.00	1/5

MPP UN1421 ORGAN INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website:

www.mpp.music.columbia.edu Accepting NEW STUDENTS

in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/10280		Paul Martin Maki	1.00	3/5

Spring 2023: MPP UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/11880		Paul Martin Maki	1.00	1/5

MPP UN1423 PERCUSSION INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/10281		Ian Sullivan	1.00	3/5

Spring 2023: MPP UN1423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/11881		Ian Sullivan	1.00	3/5

MPP UN1425 PIANO INSTRUCTION. 1.00 point.

Prerequisites: Signup 109/110 Dodge Sept 4&5; ALL LEVELS; \$300 LESSON FEE

Prerequisites: Signup 109/110 Dodge Sept 4#5; ALL LEVELS; \$300 LESSON FEE Required: Meet with instructors September 4 and 5 for placement in 109 Dodge Hall. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/10282		Michael Skelly	1.00	34/50
MPP 1425	002/10283		Dmitry Alexeev	1.00	21/40
MPP 1425	003/10284		Reiko Uchida	1.00	15/40
MPP 1425	004/18760		Mirna Lekic	1.00	12/40

Spring 2023: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/11882		Michael Skelly	1.00	35/50
MPP 1425	002/11883		Dmitry Alexeev	1.00	20/40
MPP 1425	003/11884		Reiko Uchida	1.00	11/40
MPP 1425	004/11885		Mirna Lekic	1.00	10/40

MPP UN1427 STRING BASS INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2022: MPP UN1427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1427	001/10285		Lou Kosma	1.00	3/5

Spring 2023: MPP UN1427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1427	001/11886		Lou Kosma	1.00	3/5

MPP UN1429 TROMBONE INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/10286		Michael Seltzer	1.00	0/5

Spring 2023: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/11887		Michael Seltzer	1.00	0/5

MPP UN1431 TRUMPET INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Fall 2022: MPP UN1431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1431	001/10287		David Krauss	1.00	1/5

Spring 2023: MPP UN1431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1431	001/11888		David Krauss	1.00	0/5

MPP UN1433 TUBA INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website:

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MPP UN1435 VIOLA INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/10288		Sarah Adams	1.00	1/5
MPP 1435	002/10289		Ah-ling Neu	1.00	1/5
MPP 1435	003/10290		Jessica Thompson	1.00	2/5

Spring 2023: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/11889		Sarah Adams	1.00	1/5
MPP 1435	002/11890		Ah-ling Neu	1.00	1/5
MPP 1435	003/11891		Jessica Thompson	1.00	2/5

MPP UN1437 VIOLIN INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for

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Fall 2022: MPP UN1437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/10291		Cyrus Beroukhim	1.00	2/5
MPP 1437	002/10292		Maja Cerar	1.00	2/5
MPP 1437	004/10293		Lisa Kim	1.00	0/5
MPP 1437	005/10294		Muneko Otani	1.00	0/5
MPP 1437	006/10295		Richard Rood	1.00	4/5

Spring 2023: MPP UN1437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/11892		Cyrus Beroukhim	1.00	2/5
MPP 1437	002/11893		Maja Cerar	1.00	3/5
MPP 1437	004/11895		Lisa Kim	1.00	0/5
MPP 1437	005/11896		Muneko Otani	1.00	2/5
MPP 1437	006/11897		Richard Rood	1.00	4/5

MPP UN1439 EARLY INSTRUMENTS: HARPSICHORD. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

MPP UN1441 EARLY INSTRUMENTS: VIOLA DA GAMBA. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

MPP UN1443 JAZZ BASS INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website:

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Fall 2022: MPP UN1443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	002/10296		Ugonna Okegwo	1.00	3/5

Spring 2023: MPP UN1443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	001/11900		Bradley Jones	1.00	0/5
MPP 1443	002/11901		Ugonna Okegwo	1.00	2/5

MPP UN1445 JAZZ BASS (ELECTRIC) INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website:

mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/10297		Leo Traversa	1.00	0/5

Spring 2023: MPP UN1445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/11902		Leo Traversa	1.00	0/5

MPP UN1447 JAZZ GUITAR (ELECTRIC) INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP

website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON

FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/10298		Paul Bollenback	1.00	4/7
MPP 1447	002/10299		Leo Traversa	1.00	2/5

Spring 2023: MPP UN1447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/11903		Paul Bollenback	1.00	4/7
MPP 1447	002/11904		Leo Traversa	1.00	0/5

MPP UN1449 JAZZ ORCHESTRATION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website:

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Fall 2022: MPP UN1449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/10300		Ole Mathisen	1.00	0/5
MPP 1449	002/10301		Don Sickler	1.00	0/5

Spring 2023: MPP UN1449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/11908		Ole Mathisen	1.00	0/25
MPP 1449	002/11909		Don Sickler	1.00	0/25

MPP UN1451 JAZZ PERCUSSION INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website:

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Fall 2022: MPP UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	002/10302		Vince Cherico	1.00	6/6
MPP 1451	003/10303		Sylvia Cuenca	1.00	0/5

Spring 2023: MPP UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	001/11910		Anthony Moreno	1.00	0/5
MPP 1451	002/11911		Vince Cherico	1.00	5/5
MPP 1451	003/11912		Sylvia Cuenca	1.00	0/5

MPP UN1453 JAZZ PIANO INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/10304		Bruce Barth	1.00	6/7
MPP 1453	002/10305		Victor Lin	1.00	5/5
MPP 1453	004/10306		Helen Sung	1.00	2/5

Spring 2023: MPP UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/11914		Bruce Barth	1.00	6/7
MPP 1453	002/11915		Victor Lin	1.00	2/5
MPP 1453	004/11916		Helen Sung	1.00	3/5

MPP UN1455 JAZZ SAXOPHONE INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/10307		Laubrock Ingrid	1.00	3/5

Spring 2023: MPP UN1455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/11917		Laubrock Ingrid	1.00	2/5

MPP UN1457 JAZZ TROMBONE INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1457

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1457	001/10308		John David Gibson	1.00	3/5

Spring 2023: MPP UN1457

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1457	001/11918		John David Gibson	1.00	1/5

MPP UN1459 JAZZ TRUMPET INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1459

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/10309		Don Sickler	1.00	3/5

Spring 2023: MPP UN1459

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/11919		Don Sickler	1.00	3/5

MPP UN1461 JAZZ VOICE INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website:

mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1461

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/10310		Christine Correa	1.00	11/11

Spring 2023: MPP UN1461

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/11920		Christine Correa	1.00	11/11

MPP UN1511 COLLEGIUM MUSICUM. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Collegium Musicum is a performing group dedicated primarily to the study and performance of early music, broadly defined

Fall 2022: MPP UN1511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/10312		Elisabeth Kiger	1.00	4/30

Spring 2023: MPP UN1511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/14838	M 7:30pm - 9:30pm 622 Dodge Building	Elisabeth Kiger	1.00	4/30

MPP UN1521 UNIVERSITY ORCHESTRA I. 2.00 points.

Prerequisites: Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu or on the CUO website: <http://cuo.music.columbia.edu/>

Prerequisites: Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu or on the CUO website: <http://cuo.music.columbia.edu/>

Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu or on the CUO website: <http://cuo.music.columbia.edu/> Accepting NEW STUDENTS in FALL semester ONLY unless otherwise noted. All accepted MPP students must register for ensembles by the change-of-program deadline every semester in order to be allowed to participate. Petitioning students or students not able to register must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Weekly meetings with ensemble and end-of-semester performance required

Fall 2022: MPP UN1521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1521	001/10313	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2.00	77/100
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Spring 2023: MPP UN1521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/11014	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2.00	71/100

MPP UN1531 CHAMBER ENSEMBLE. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu

Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	001/10315		Maja Cerar	1.00	0/25
MPP 1531	003/10316		Ian Sullivan	1.00	0/25
MPP 1531	004/10317		Magdalena Baczewska	1.00	15/25
MPP 1531	005/10318		Reiko Uchida	1.00	0/25
MPP 1531	006/10319		Sarah Adams	1.00	6/25
MPP 1531	007/10320		Eliot Bailen	1.00	6/25
MPP 1531	008/10321		Allen Blustine	1.00	3/25
MPP 1531	009/10322		Vicki Bodner	1.00	0/25
MPP 1531	010/20223		Wendy Sutter	1.00	3/25
MPP 1531	011/20222		Maja Cerar	1.00	9/25
MPP 1531	012/10324		Cyrus Beroukhim	1.00	0/25
MPP 1531	013/10325		June Han	1.00	0/25
MPP 1531	014/10326		Sue Anne Kahn	1.00	6/25
MPP 1531	015/10328		Ah-ling Neu	1.00	8/25
MPP 1531	016/10329		Muneko Otani	1.00	16/25
MPP 1531	017/10330		Susan Palma-Nidel	1.00	3/25
MPP 1531	018/10331		Richard Rood	1.00	6/25
MPP 1531	019/10332		Susan Rotholz	1.00	3/25
MPP 1531	021/10333		Brad Gemeinhardt	1.00	0/25

Spring 2023: MPP UN1531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	003/11921		Ian Sullivan	1.00	0/25

MPP 1531	004/11922	Magdalena Baczevska	1.00	16/30
MPP 1531	005/11923	Reiko Uchida	1.00	0/25
MPP 1531	006/11924	Sarah Adams	1.00	6/25
MPP 1531	007/11925	Eliot Bailen	1.00	6/25
MPP 1531	008/11926	Allen Blustine	1.00	3/25
MPP 1531	009/11927	Vicki Bodner	1.00	0/25
MPP 1531	010/11940	Wendy Sutter	1.00	2/25
MPP 1531	011/11928	Maja Cerar	1.00	8/25
MPP 1531	012/11929	Cyrus Beroukhim	1.00	0/25
MPP 1531	013/11930	June Han	1.00	0/25
MPP 1531	014/11931	Sue Anne Kahn	1.00	6/25
MPP 1531	015/11932	Ah-ling Neu	1.00	7/25
MPP 1531	016/11933	Muneko Otani	1.00	16/25
MPP 1531	017/11934	Susan Palma-Nidel	1.00	2/25
MPP 1531	018/11935	Richard Rood	1.00	6/25
MPP 1531	019/11936	Susan Rotholz	1.00	3/25
MPP 1531	020/11937	Jessica Thompson	1.00	0/25
MPP 1531	021/11938	Brad Gemeinhardt	1.00	0/25
MPP 1531	022/11939	Dmitry Alexeev	1.00	0/5

MPP UN1541 COLUMBIA UNIV JAZZ ENSEMBL. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1541

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/10335		Christine Correa	1.00	16/25
MPP 1541	002/10336		Victor Lin	1.00	2/25
MPP 1541	003/10337		Leo Traversa	1.00	6/25
MPP 1541	004/10338		Vince Cherico	1.00	7/25
MPP 1541	005/10339		Victor Lin	1.00	6/25

MPP 1541	006/10340		Ole Mathisen	1.00	5/25
MPP 1541	007/10341		Ole Mathisen	1.00	2/25
MPP 1541	008/10342		Ole Mathisen	1.00	0/25
MPP 1541	009/10343		Don Sickler	1.00	13/25
MPP 1541	010/10344		Don Sickler	1.00	0/25
MPP 1541	011/18829		John David Gibson	1.00	9/10

Spring 2023: MPP UN1541

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/11942		Christine Correa	1.00	14/25
MPP 1541	002/11943		Victor Lin	1.00	0/25
MPP 1541	003/11944		Leo Traversa	1.00	4/25
MPP 1541	004/11945		Vince Cherico	1.00	8/25
MPP 1541	005/11946		Victor Lin	1.00	7/25
MPP 1541	006/11947		Ole Mathisen	1.00	6/25
MPP 1541	007/11948		Laubrock Ingrid	1.00	0/25
MPP 1541	008/11950		John David Gibson	1.00	7/25
MPP 1541	009/11951		Don Sickler	1.00	11/25
MPP 1541	010/11952		Ole Mathisen	1.00	0/25

MPP UN1551 WORLD MUSIC ENSEMBLE. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/10345		James Kerr	1.00	5/25
MPP 1551	002/10346		Alicia Lindsey	1.00	6/25
MPP 1551	003/10347		Elizabeth Brown	1.00	6/25
MPP 1551	004/10348		Yumi Kurosawa	1.00	7/25
MPP 1551	005/10349		Jeff Warschauer	1.00	4/25
MPP 1551	006/10350		Leo Traversa, Vince Cherico	1.00	7/25
MPP 1551	007/10351	F 10:00am - 12:00pm 814 Dodge Building	Taoufik Ben-Amor	1.00	13/25

Spring 2023: MPP UN1551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	HUMA 1123	006/10835	M W 10:10am - 11:25am 622 Dodge Building	Mary Kouyoumdjian	3.00	23/25
MPP 1551	001/11954		James Kerr	1.00	6/25	HUMA 1123	007/10836	M W 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3.00	23/25
MPP 1551	002/11955		Lindsey Elizabeth Brown	1.00	8/25	HUMA 1123	008/10839	M W 1:10pm - 2:25pm 716 Hamilton Hall	Thomas Wetmore	3.00	22/25
MPP 1551	003/11956		Yumi Kurosawa	1.00	10/25	HUMA 1123	009/10842	M W 2:40pm - 3:55pm 404 Dodge Building	Joshua Navon	3.00	24/25
MPP 1551	004/11958		Jeff Warschauer	1.00	6/25	HUMA 1123	010/10843	M W 2:40pm - 3:55pm 405 Dodge Building	Walter Frisch	3.00	24/25
MPP 1551	005/11959		Leo Traversa, Vince Cherico	1.00	10/25	HUMA 1123	011/10844	M W 2:40pm - 3:55pm 716 Hamilton Hall	Magdalena Baczkowska	3.00	23/25
MPP 1551	006/11960					HUMA 1123	012/10845	M W 4:10pm - 5:25pm 404 Dodge Building	Audrey Amsellem	3.00	23/25
MPP 1551	007/11961	Th 6:00pm - 8:00pm 814 Dodge Building	Taoufik Ben-Amor	1.00	20/25	HUMA 1123	013/10846	M W 4:10pm - 5:25pm 405 Dodge Building	Marilyn McCoy	3.00	23/25

SPRING 2023**MUSI UN1002 FUNDAMENTALS OF MUSIC. 3.00 points.**

Corequisites: Introductory Ear-Training (*V1312*, or higher, as determined by placement exam).

Introduction to music, including notation, written and aural skills, and basic conceptual resources of music theory.

Exploration of scale, mode, rhythm, meter, texture and form, with reference to a diverse range of musics

Fall 2022: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/10375	M W 1:10pm - 2:25pm 814 Dodge Building	Makulamy Alexander-Hills	3.00	20/24

Spring 2023: MUSI UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/11015	T Th 1:10pm - 2:25pm 620 Dodge Building	Lauren Shepherd	3.00	22/24

HUMA UN1123 MASTERPIECES OF WESTERN MUSIC.**3.00 points.**

Analysis and discussion of representative works from the Middle Ages to the present

Fall 2022: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/10699	M W 8:40am - 9:55am 404 Dodge Building	Julia Hamilton	3.00	24/25
HUMA 1123	002/10700	M W 8:40am - 9:55am 405 Dodge Building	Velia Ivanova	3.00	24/25
HUMA 1123	003/10701	M W 8:40am - 9:55am 622 Dodge Building	Mary Kouyoumdjian	3.00	24/25
HUMA 1123	004/10702	M W 10:10am - 11:25am 404 Dodge Building	Julia Hamilton	3.00	22/25
HUMA 1123	005/10703	M W 10:10am - 11:25am 405 Dodge Building	Velia Ivanova	3.00	23/25

HUMA 1123	006/10835	M W 10:10am - 11:25am 622 Dodge Building	Mary Kouyoumdjian	3.00	23/25
HUMA 1123	007/10836	M W 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3.00	23/25
HUMA 1123	008/10839	M W 1:10pm - 2:25pm 716 Hamilton Hall	Thomas Wetmore	3.00	22/25
HUMA 1123	009/10842	M W 2:40pm - 3:55pm 404 Dodge Building	Joshua Navon	3.00	24/25
HUMA 1123	010/10843	M W 2:40pm - 3:55pm 405 Dodge Building	Walter Frisch	3.00	24/25
HUMA 1123	011/10844	M W 2:40pm - 3:55pm 716 Hamilton Hall	Magdalena Baczkowska	3.00	23/25
HUMA 1123	012/10845	M W 4:10pm - 5:25pm 404 Dodge Building	Audrey Amsellem	3.00	23/25
HUMA 1123	013/10846	M W 4:10pm - 5:25pm 405 Dodge Building	Marilyn McCoy	3.00	23/25
HUMA 1123	014/10847	M W 4:10pm - 5:25pm 716 Hamilton Hall	Ratidzai Chikukwa	3.00	24/25
HUMA 1123	015/10848	M W 6:10pm - 7:25pm 404 Dodge Building	Audrey Amsellem	3.00	24/25
HUMA 1123	016/10849	M W 6:10pm - 7:25pm 405 Dodge Building	Artun Cekem	3.00	23/25
HUMA 1123	017/10852	M W 6:10pm - 7:25pm 716 Hamilton Hall	Nina Fukuoka	3.00	22/25
HUMA 1123	018/10853	T Th 8:40am - 9:55am 405 Dodge Building	Knar Abrahamyan	3.00	25/25
HUMA 1123	019/10854	T Th 8:40am - 9:55am 622 Dodge Building	Grant Woods	3.00	24/25
HUMA 1123	020/10858	T Th 10:10am - 11:25am 404 Dodge Building	Lauren Shepherd	3.00	24/25
HUMA 1123	021/10859	T Th 10:10am - 11:25am 405 Dodge Building	Joshua Mastel	3.00	25/25
HUMA 1123	022/10860	T Th 10:10am - 11:25am 716 Hamilton Hall	Madeleine Turner	3.00	25/25
HUMA 1123	023/10861	T Th 1:10pm - 2:25pm 404 Dodge Building	Peter Susser	3.00	24/25
HUMA 1123	024/10862	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Ralph Whyte	3.00	25/25
HUMA 1123	025/10868	T Th 2:40pm - 3:55pm 404 Dodge Building	Julia Doe	3.00	25/25
HUMA 1123	026/10869	T Th 2:40pm - 3:55pm 405 Dodge Building	Russell O'Rourke	3.00	25/25
HUMA 1123	027/10870	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Madeleine Turner	3.00	25/25

HUMA 1123	028/10874	T Th 4:10pm - 5:25pm 404 Dodge Building	Ashkan Behzadi	3.00	25/25	HUMA 1123	013/10721	M W 4:10pm - 5:25pm 405 Dodge Building	Marilyn McCoy	3.00	25/25
HUMA 1123	029/10873	T Th 4:10pm - 5:25pm 405 Dodge Building	Russell O'Rourke	3.00	25/25	HUMA 1123	014/10722	M W 4:10pm - 5:25pm 716 Hamilton Hall	Ratidzai Chikukwa	3.00	25/25
HUMA 1123	030/10872	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Ryan Pratt	3.00	25/25	HUMA 1123	015/10723	M W 6:10pm - 7:25pm 404 Dodge Building	Audrey Amsellem	3.00	24/25
HUMA 1123	031/10875	T Th 6:10pm - 7:25pm 404 Dodge Building	Ashkan Behzadi	3.00	22/25	HUMA 1123	016/10724	M W 6:10pm - 7:25pm 405 Dodge Building	Artun Cekem	3.00	24/25
HUMA 1123	032/10876	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Manuel Garcia Orozco	3.00	24/25	HUMA 1123	017/10725	M W 6:10pm - 7:25pm 716 Hamilton Hall	Nina Fukuoka	3.00	24/25
HUMA 1123	033/13594	T Th 8:40am - 9:55am 404 Dodge Building	Anna-Louise Walton	3.00	23/25	HUMA 1123	018/10726	T Th 8:40am - 9:55am 405 Dodge Building	Louis Goldford	3.00	22/25
HUMA 1123	034/13595	T Th 8:40am - 9:55am 716 Hamilton Hall	Gareth Cordery	3.00	20/25	HUMA 1123	019/10727	T Th 8:40am - 9:55am 622 Dodge Building	Laina Dawes	3.00	24/25
HUMA 1123	035/13596	T Th 6:10pm - 7:25pm 405 Dodge Building	Demetrius Shahmehri	3.00	22/25	HUMA 1123	020/10728	T Th 10:10am - 11:25am 404 Dodge Building	Madeleine Turner	3.00	23/25
HUMA 1123	036/18243	T Th 10:10am - 11:25am Online Only	Alexander Rothe	3.00	23/24	HUMA 1123	021/10729	T Th 10:10am - 11:25am 405 Dodge Building	Joshua Navon	3.00	25/25
Spring 2023: HUMA UN1123						HUMA 1123	022/10730	T Th 10:10am - 11:25am 716 Hamilton Hall	Manuel Garcia Orozco	3.00	25/25
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	HUMA 1123	023/10731	T Th 1:10pm - 2:25pm 404 Dodge Building	Madeleine Turner	3.00	25/25
HUMA 1123	001/10709	M W 8:40am - 9:55am 404 Dodge Building	Julia Hamilton	3.00	23/25	HUMA 1123	024/10732	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Mary Kouyoumdjian	3.00	25/25
HUMA 1123	002/10710	M W 8:40am - 9:55am 405 Dodge Building	Velia Ivanova	3.00	23/25	HUMA 1123	025/10735	T Th 2:40pm - 3:55pm 404 Dodge Building	Benjamin Steege	3.00	25/25
HUMA 1123	003/10711	M W 8:40am - 9:55am 622 Dodge Building	Saad Haddad	3.00	22/25	HUMA 1123	026/10736	T Th 2:40pm - 3:55pm 405 Dodge Building	Russell O'Rourke	3.00	25/25
HUMA 1123	004/10712	M W 10:10am - 11:25am 404 Dodge Building	Julia Hamilton	3.00	25/25	HUMA 1123	027/10737	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Mary Kouyoumdjian	3.00	24/25
HUMA 1123	005/10713	M W 10:10am - 11:25am 405 Dodge Building	Velia Ivanova	3.00	25/25	HUMA 1123	028/10738	T Th 4:10pm - 5:25pm 404 Dodge Building	Ashkan Behzadi	3.00	25/25
HUMA 1123	006/10714	M W 10:10am - 11:25am 716 Hamilton Hall	Demetrius Shahmehri	3.00	25/25	HUMA 1123	029/10739	Th 4:10pm - 5:25pm 405 Dodge Building	Russell O'Rourke	3.00	24/25
HUMA 1123	007/10715	M W 1:10pm - 2:25pm 404 Dodge Building	Thomas Wetmore	3.00	22/25	HUMA 1123	030/10740	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Ryan Pratt	3.00	25/25
HUMA 1123	008/10716	M W 1:10pm - 2:25pm 716 Hamilton Hall	Mariusz Kozak	3.00	22/25	HUMA 1123	031/10741	T Th 6:10pm - 7:25pm 404 Dodge Building	Ashkan Behzadi	3.00	23/25
HUMA 1123	009/10717	M W 2:40pm - 3:55pm 404 Dodge Building	John McWhorter	3.00	25/25	HUMA 1123	032/10742	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Unnur Evans	3.00	24/25
HUMA 1123	010/10718	M W 2:40pm - 3:55pm 405 Dodge Building	Ralph Whyte	3.00	24/25	HUMA 1123	033/10743	T Th 8:40am - 9:55am 404 Dodge Building	Grant Woods	3.00	25/25
HUMA 1123	011/10719	M W 2:40pm - 3:55pm 716 Hamilton Hall	Magdalena Baczewska	3.00	25/25	HUMA 1123	034/10744	T Th 8:40am - 9:55am 716 Hamilton Hall		3.00	22/25
HUMA 1123	012/10720	M W 4:10pm - 5:25pm 404 Dodge Building	Audrey Amsellem	3.00	25/25	HUMA 1123	035/10745	T Th 6:10pm - 7:25pm	Ashley Nail	3.00	25/25

405 Dodge Building					
HUMA	036/15142	T Th 1:10pm -	Alexander	3.00	24/25
1123		2:25pm	Rothe		
		Online Only			

MUSI UN1312 INTRODUCTORY EAR-TRAINING. 1.00 point.

This course is an introduction to basic skills in sight reading. Instruction includes reading rhythms in simple meter, solfege recitation, and sight-singing simple melodies

Fall 2022: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/10370	M W 12:10pm - 1:00pm 404 Dodge Building	Ramin Amir Arjomand	1.00	12/14

Spring 2023: MUSI UN1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/11016	T Th 12:10pm - 1:00pm 404 Dodge Building	Michael Joviala	1.00	12/14

MUSI UN1518 KEYBOARD HARMONY/ MUSICIANSHIP. 1.00 point.

Prerequisites: Instructor Permission

Prerequisites: Instructor Permission This course is only open to Music Theory students who did not pass the piano proficiency exam. Sign up in 109 Dodge

Fall 2022: MUSI UN1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1518	001/10402		Michael Skelly	1.00	0/12

Spring 2023: MUSI UN1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1518	001/11013		Michael Skelly	1.00	0/12

MUSI UN2205 INTRODUCTION TO DIGITAL MUSIC. 3.00 points.

Prerequisites: Permission of Instructor required to enroll. Music Majors/Music Concentrations have priority for enrollment. An introduction to the potential of digital sound synthesis and signal processing. Teaches proficiency in elementary and advanced digital audio techniques. This course aims to challenge some of the tacet assumptions about music that are built into the design of various user interfaces and hardware and fosters a creative approach to using digital audio workstation software and equipment. Permission of Instructor required to enroll. Music Majors have priority for enrollment

Fall 2022: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/10404	T Th 1:10pm - 2:25pm 320h Prentis Hall	Seth Cluett	3.00	18/18

Spring 2023: MUSI UN2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 2205	001/11052	T Th 1:10pm - 2:25pm 320h Prentis Hall	Camila Agosto	3.00	18/18
MUSI 2205	002/12305	M W 1:10pm - 2:25pm 320h Prentis Hall	Anna Meadors	3.00	19/18

MUSI UN2230 History and Practice of Electronic Music. 3.00 points.

This course will provide a critical survey of the development of electronic and computer music and sound from around the globe. From early experiments and precursors in the late 19th century through to modern-day experimental and popular music practices, this course aims to trace the development of technologies used in the production of electronic and computer derived sound and music alongside the economic, cultural, and social forces that contribute to the development of audiences. The course will focus intently on listening through a series of curated playlists in an effort to unpack style and genre distinctions. Readings and listening examples will be paired with small, hands-on assignments, that demonstrate the effect of music making tools on the process and structure of musical genres and styles ranging from the experimental practices of musique concrete, drone, and harsh noise to the mainstream practices of dub, techno, vaporwave, hyperpop, and hip hop and more

Spring 2023: MUSI UN2230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2230	001/12316	M W 4:10pm - 5:25pm 622 Dodge Building	Jules Gimbrone	3.00	29/43
MUSI 2230	AU1/18377	M W 4:10pm - 5:25pm Othr Other	Jules Gimbrone	3.00	4/3

MUSI UN2314 EAR-TRAINING I. 1.00 point.

Designed to improve the students basic skills in sight-singing, and rhythmic and melodic dictation with an introduction to four-part harmonic dictation

Fall 2022: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/10371	T Th 12:10pm - 1:00pm 404 Dodge Building	Barami Waspe	1.00	14/14
MUSI 2314	002/15086	M W 12:10pm - 1:00pm 814 Dodge Building	Sadie Dawkins	1.00	12/14

Spring 2023: MUSI UN2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/11053	M W 12:10pm - 1:00pm 404 Dodge Building	Sadie Dawkins	1.00	12/14

MUSI UN2315 EAR-TRAINING II. 1.00 point.

Techniques of sight-singing and dictation of diatonic melodies in simple and compound meter with strong emphasis on harmonic dictation

Fall 2022: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/10372	M W 12:10pm - 1:00pm 405 Dodge Building	Michael Joviala	1.00	13/14

Spring 2023: MUSI UN2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/11054	M W 12:10pm - 1:00pm 405 Dodge Building	Ramin Amir Arjomand	1.00	10/14
MUSI 2315	002/11055	T Th 12:10pm - 1:00pm 405 Dodge Building	Barami Waspe	1.00	15/14

MUSI UN2318 MUSIC THEORY I. 3.00 points.

Prerequisites: Passing score on the placement exam administered prior to the first day of class or Fundamentals of Music/UN1002.

Elementary analysis and composition in a variety of modal and tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV

Fall 2022: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/10376	T Th 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3.00	22/20

Spring 2023: MUSI UN2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/11056	M W 1:10pm - 2:25pm 405 Dodge Building	Knar Abrahamyan	3.00	14/20

MUSI UN2319 MUSIC THEORY II. 3.00 points.

Prerequisites: Passing score on the placement exam administered prior to the first day of class or Music Theory I/UN2318

Corequisites: one course from Ear-Training I-IV (V2314, V2315, V3316, or V3317, as determined by placement exam.) Elementary analysis and composition in a variety of tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV

Fall 2022: MUSI UN2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/10377	M W 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3.00	12/20

Spring 2023: MUSI UN2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/11057	T Th 1:10pm - 2:25pm 405 Dodge Building	Galen DeGraf	3.00	16/20

MUSI UN2582 JAZZ IMPROVISTN:THRY,HIST,PRAC. 3.00 points.

This course offers an introduction to jazz improvisation for instrumentalists. Through recordings, transcriptions, daily performance and selected readings, students will actively engage the history of jazz through their instruments and intellect. The idea of improvisation will be explored in an historical context, both as a musical phenomenon with its attendant theory and mechanics, and as a trope of American history and aesthetics. This class is for instrumentalists who wish to deepen their understanding of the theory, history and practice of jazz improvisation. The history of jazz will be used as a prism through which to view approaches to improvisation, from the cadences of the early Blues through the abstractions of Free Jazz and beyond. The student will be exposed to the theory and vocabularies of various jazz idioms, which they will also learn to place in their social and historical contexts

MUSI UN3127 BACH'S SACRED MUSIC. 3.00 points.

Bach's sacred music in its historical, theological, and social context

MUSI UN3129 HIST-WEST MUS:CLASSICAL-20TH CENTURY. 3.00 points.

Prerequisites: *MUSI V2318-2319*. May be taken before or concurrently with this course.

Topics in Western music from the Classical era to the present day, focusing on the development of musical style and thought, and on analysis of selected works

Spring 2023: MUSI UN3129

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3129	001/11183	T Th 2:40pm - 3:55pm 622 Dodge Building	Julia Doe	3.00	20/35

MUSI UN3171 PARIS FOR ROMANTICS. 3.00 points.

Prerequisites: Completion of Music Humanities (or the consent of the instructor) is a pre-requisite for this course.

Prerequisites: Completion of Music Humanities (or the consent of the instructor) is a pre-requisite for this course. This course explores Parisian musical life during the long nineteenth century, situating musical discourses, institutions, and forms within the broader landscapes of literary and artistic Romanticism. Topics to be considered include: the musical echoes of the Revolution; operatic genres and theaters; the music of the salons; cultures of consumerism and domestic performance; and issues of nationalism and historicism after 1870. Composers to be considered include: Berlioz, Chopin, Liszt, Gounod, Saint-Saëns, Franck, Massenet, and Debussy. Completion of Music Humanities (or the consent of the instructor) is a pre-requisite for this course

MUSI UN3239 INTRODUCTION TO COMPOSITION I. 3.00 points.

Composition in shorter forms. Students will compose new works for the cello, with a focus on diverse approaches to the instrument. Student pieces will be workshopped, rehearsed, and performed (and/or recorded)

Spring 2023: MUSI UN3239

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3239	001/11186	M W 10:10am - 11:25am 620 Dodge Building	Marcos Balter	3.00	9/12

MUSI UN3316 EAR-TRAINING III. 1.00 point.

Sight-singing techniques of modulating diatonic melodies in simple, compound, or irregular meters that involve complex rhythmic patterns. Emphasis is placed on four-part harmonic dictation of modulating phrases

Fall 2022: MUSI UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/10373	M W 12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1.00	9/14

Spring 2023: MUSI UN3316

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/11058	M W 12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1.00	14/14

MUSI UN3317 EAR-TRAINING IV. 1.00 point.

Techniques of musicianship at the intermediate level, stressing the importance of musical nuances in sight-singing. Emphasis is placed on chromatically inflected four-part harmonic dictation

Fall 2022: MUSI UN3317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/10374	T Th 12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1.00	9/14

Spring 2023: MUSI UN3317

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/11059	T Th 12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1.00	10/14

AHMM UN3320 MUSIC IN EAST ASIA. 3.00 points.

A topical approach to the concepts and practices of music in relation to other arts in the development of Asian civilizations

Spring 2023: AHMM UN3320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHMM 3320	001/11009	M W 6:10pm - 7:25pm 620 Dodge Building	Jessie Rubin	3.00	26/25
AHMM 3320	002/11010	M W 6:10pm - 7:25pm 622 Dodge Building	Jessica Perez-Gutierrez	3.00	25/25
AHMM 3320	003/11011	T Th 10:10am - 11:25am 622 Dodge Building	Laina Dawes	3.00	24/25
AHMM 3320	004/11008	T Th 6:10pm - 7:25pm 622 Dodge Building	Noah Rosen	3.00	24/25

MUSI UN3321 MUSIC THEORY III. 3.00 points.

A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: *MUSI V2319*.

Intermediate analysis and composition in a variety of tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV

Fall 2022: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/10378	M W 1:10pm - 2:25pm 622 Dodge Building	Joseph Dubiel	3.00	11/20

Spring 2023: MUSI UN3321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/11188	M W 1:10pm - 2:25pm 622 Dodge Building	Galen DeGraf	3.00	9/20

MUSI UN3322 MUSIC THEORY IV. 3.00 points.

Prerequisites: Music Theory II/UN3321

Intermediate analysis and composition in a variety of tonal and extended tonal idioms. A one-hour weekly lab is required, to be scheduled at the beginning of the term. Course to be taken in conjunction with the Ear-Training sequence, up through Ear-Training IV

Fall 2022: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/10379	T Th 1:10pm - 2:25pm 622 Dodge Building	Benjamin Steege	3.00	8/20

Spring 2023: MUSI UN3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/11189	T Th 1:10pm - 2:25pm 622 Dodge Building	Joseph Dubiel	3.00	10/20

MUSI UN3400 TOPICS IN MUSIC # SOCIETY. 3.00 points.

Music Majors and Concentrators.

This course seeks to approach the study of music and society by comparatively studying repertoires from different parts of the world, how the history of ideas and methods of studying such repertoires shaped them, the practices that constitute them and the ways they are understood and used by different peoples. Central to this course is the interrelationship between the constitution of a repertoire and the history of the construction of knowledge about it

Fall 2022: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/10407	T Th 4:10pm - 5:25pm 622 Dodge Building	Thomas Wetmore	3.00	15/35

Spring 2023: MUSI UN3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/11214	M W 2:40pm - 3:55pm 814 Dodge Building	Thomas Wetmore	3.00	12/35

MUSI UN3996 Honors Research. 3 points.

Open to honors candidates in music only.

Prerequisites: a formal proposal to be submitted and approved prior to registration; see the director of undergraduate studies for details.

A creative/scholarly project conducted under faculty supervision, leading to completion of an honors essay, composition, or the equivalent.

MUSI UN3999 Supervised Independent Study. 3 points.

Prerequisites: approval prior to registration; see the director of undergraduate studies for details.

A creative/scholarly project conducted under faculty supervision.

MUSI GU4060 MEDIEVAL MUSIC DRAMA. 3.00 points.

In this seminar we will study examples of music drama from the tenth century to the fourteenth, taking into account both the manuscript sources and methodological questions raised by performative works at the intersection of literature, music, and ritual

MUSI GU4230 Sounding Alternative Perspectives in Electronic Music. 3.00 points.

In this seminar we will explore examples of electronic music composition and practice as propositions that centered situated perspective and dialogic world-making in the creative space as a means of resistance. We will look at historical and contemporary figures that animated alternative identity articulations, proposed distributed power dynamics, and challenged environmental bifurcations from the grounded and speculative province of music making. We will engage feminist methodologies in our approach, as they uphold the supposition that practice is praxis and scholarship, and support collective learning techniques. Readings in critical theory, musicology, and media studies will support our research as well as practice-based projects. With this seminar we will ask how electronic music functioned(s) as place or form of identity formation and challenge to normative expression. Can electronic music work as an experience that resists patriarchal and/or colonial structures or disciplines? What strategies have been taken that reset or rescript techno-masculinist spaces, tools and practices? And how can we create an analysis method that makes these qualities legible? No in-depth experience with either computers or electronic music is required, though music and sound will be the principle focus of our inquiry. Interdisciplinary methods of critical response and analysis will be explored in this class

MUSI GU4319 Ear-Training VI. 1 point.

Advanced dictation, sight singing, and musicianship, with emphasis on 20th-century music.

MUSI GU4407 Songs and Sounds of Protest of Latin America and the Caribbean: Relistening to the 1960s and 1970s. 3.00 points.

This course is a topical (not comprehensive) survey of musical-poetic manifestations from Latin America, the Caribbean and their diasporas that emerged during the 1960s and the 1970s. The course revisits this time period by exploring the contributions of myriad countries among which Puerto Rico, Brazil, Nicaragua, Cuba, Québec, Haiti, Chile, Argentina, Jamaica, Trinidad and Tobago, Martinique/Guadeloupe, and the United States (with a strong emphasis on New York). It analyzes objects and experiences engaged in contesting colonialism, settler colonialism, imperialism, patriarchy, racism, capitalism and Eurocentrism highlighting as well the limits (and limitations) of these radical discourses. Using a decolonial/postcolonial lens and an ethnomusicological approach, the course pays careful attention to the politics of these musics, their historical context and aesthetics, and the social imaginary of those who made them possible

MUSI GU4425 SOUNDING ISLAM. 3.00 points.

The objective of this course is to explore the relationship between sound, music and Islam and, in doing so, to focus on a philosophy of listening (sama') which is deeply embedded in the experiential. The course aims to analyze how sound and music directly or indirectly associated with Islam are produced, circulated, and listened to by a wide variety of audiences in local and transnational settings; to explore the ways in which multiple sonic dimensions of Islam have affected the public sphere in different historical moments and contexts (particular in relation to ideas about nationalism, secularism and modernity); and to examine the effect of these sonic dimensions on Muslim and non-Muslim listeners in a local and a transnational perspective

MUSI GU4515 CONDUCTING MUSIC. 3.00 points.

Prerequisites: advanced music major and extensive contemporary music background.

Prerequisites: advanced music major and extensive contemporary music background. Analysis of the modern repertory of contemporary music with directional emphasis on actual conducting preparation, beating patterns, rhythmic notational problems, irregular meters, communication, and transference of musical ideas. Topics will include theoretical writing on 20th-century conducting, orchestration, and phrasing

Spring 2023: MUSI GU4515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4515	001/11217	T Th 1:10pm - 2:25pm 814 Dodge Building	Jeffrey Milarsky	3.00	11/15

MUSI GU4630 RECORDED SOUND. 3.00 points.

Prerequisites: The instructor's permission.

Prerequisites: The instructors permission. As music moves into the 21st century, we find ourselves surrounded by an ever-evolving landscape of technological capability. The world of music, and the music industry itself, is changing rapidly, and with that change comes the opening – and closing – of

doorways of possibility. What does this shift mean for today's practicing artist or composer? With big label recording studios signing and nurturing fewer and fewer artists, it seems certain that, today, musicians who want to record and distribute their music need to be able to do much of the recording and production work on their own. But where does one go to learn how to do this – to learn not only the “how to” part of music production, but the historical underpinnings and the development of the music production industry as well? How does one develop a comprehensive framework within which they can place their own artistic efforts? How does one learn to understand what they hear, re-create what they like and develop their own style? This class, “Recorded Sound,” aims to be the answer. It's goal is to teach artists how to listen critically to music from across history and genres in order to identify the production techniques that they hear, and reproduce those elements using modern technology so they can be incorporated into the artist's own musical works

Fall 2022: MUSI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4630	001/10458	M 1:10pm - 4:00pm 317 Prentis Hall	David Adamcyk	3.00	15/15

Spring 2023: MUSI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4630	001/12317	T 6:10pm - 8:00pm 317 Prentis Hall	Anna Meadors	3.00	16/15

MPP UN1401 BASSOON INSTRUCTION. 1.00 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu
Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Prerequisites: Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Please sign up for an audition time on MPP website in August: mpp.music.columbia.edu

Fall 2022: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/10268		Mark Timmerman	1.00	1/5

Spring 2023: MPP UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1401	001/11868		Mark Timmerman	1.00	0/5

MPP UN1403 CELLO INSTRUCTION. 1.00 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu
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\$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Please sign up for an audition time on MPP website: mpp.music.columbia.edu

Fall 2022: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/10269		Eliot Bailen	1.00	5/5
MPP 1403	002/20150		James Wilson	1.00	4/5
MPP 1403	003/10270		Wendy Sutter	1.00	4/5

Spring 2023: MPP UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1403	001/11869		Eliot Bailen	1.00	2/5
MPP 1403	002/11870		James Wilson	1.00	3/5
MPP 1403	003/11871		Wendy Sutter	1.00	3/5

MPP UN1405 CLARINET INSTRUCTION. 1.00 point.

Prerequisites: Audition Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/10271		Allen Blustine	1.00	5/5

Spring 2023: MPP UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1405	001/11872		Allen Blustine	1.00	3/5

MPP UN1407 CLASSICAL SAXOPHONE INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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MPP UN1409 FLUTE INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/10272		Sue Anne Kahn	1.00	1/5
MPP 1409	002/10273		Susan Palma-Nidel	1.00	1/5
MPP 1409	003/10274		Susan Rotholz	1.00	1/5

Spring 2023: MPP UN1409

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1409	001/11873		Sue Anne Kahn	1.00	1/5
MPP 1409	002/11874		Susan Palma-Nidel	1.00	1/5
MPP 1409	003/11875		Susan Rotholz	1.00	1/5

MPP UN1411 FRENCH HORN INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1411	001/10276		Brad Gemeinhardt	1.00	2/5

Spring 2023: MPP UN1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1411 001/11876

Brad Gemeinhardt 1.00 2/5

MPP UN1413 GUITAR (BLUEGRASS) INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu

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Fall 2022: MPP UN1413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/10277		James Kerr	1.00	3/5

Spring 2023: MPP UN1413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1413	001/11877		James Kerr	1.00	3/5

MPP UN1415 GUITAR (CLASSICAL) INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition time on MPP website: mpp.music.columbia.edu

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MPP UN1417 HARP INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

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Fall 2022: MPP UN1417

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/10278		June Han	1.00	3/5

Spring 2023: MPP UN1417

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1417	001/11878		June Han	1.00	2/5

MPP UN1419 OBOE INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website:

www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/10279		Vicki Bodner	1.00	0/5

Spring 2023: MPP UN1419

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1419	001/11879		Vicki Bodner	1.00	1/5

MPP UN1421 ORGAN INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website:

www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/10280		Paul Martin Maki	1.00	3/5

Spring 2023: MPP UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1421	001/11880		Paul Martin Maki	1.00	1/5

MPP UN1423 PERCUSSION INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website:

mpp.music.columbia.edu

Prerequisites: Sign up for an audition on MPP website:

mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website:

mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in

order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/10281		Ian Sullivan	1.00	3/5

Spring 2023: MPP UN1423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1423	001/11881		Ian Sullivan	1.00	3/5

MPP UN1425 PIANO INSTRUCTION. 1.00 point.

Prerequisites: Signup 109/110 Dodge Sept 4&5; ALL

LEVELS; \$300 LESSON FEE

Prerequisites: Signup 109/110 Dodge Sept 4#5; ALL LEVELS;

\$300 LESSON FEE Required: Meet with instructors September

4 and 5 for placement in 109 Dodge Hall. \$300 MUSIC

LESSON FEE FOR ALL STUDENTS. All accepted MPP

students must register for lessons and ensembles by the change-

of-program deadline in order to be allowed to attend lessons

that semester. Petitioning students must notify MPP staff

prior to this deadline. Contact Music Performance Program at

mpp@columbia.edu

Fall 2022: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/10282		Michael Skelly	1.00	34/50
MPP 1425	002/10283		Dmitry Alexeev	1.00	21/40
MPP 1425	003/10284		Reiko Uchida	1.00	15/40
MPP 1425	004/18760		Mirna Lekic	1.00	12/40

Spring 2023: MPP UN1425

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1425	001/11882		Michael Skelly	1.00	35/50
MPP 1425	002/11883		Dmitry Alexeev	1.00	20/40
MPP 1425	003/11884		Reiko Uchida	1.00	11/40
MPP 1425	004/11885		Mirna Lekic	1.00	10/40

MPP UN1427 STRING BASS INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website:

www.mpp.music.columbia.edu Accepting NEW STUDENTS

in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR

ALL STUDENTS. All accepted MPP students must register for

lessons and ensembles by the change-of-program deadline in

order to be allowed to attend lessons that semester. Petitioning

students must notify MPP staff prior to this deadline. Contact

Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1427	001/10285		Lou Kosma	1.00	3/5

Spring 2023: MPP UN1427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1427	001/11886		Lou Kosma	1.00	3/5

MPP UN1429 TROMBONE INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Sign up for an audition on MPP website: mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/10286		Michael Seltzer	1.00	0/5

Spring 2023: MPP UN1429

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1429	001/11887		Michael Seltzer	1.00	0/5

MPP UN1431 TRUMPET INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1431	001/10287		David Krauss	1.00	1/5

Spring 2023: MPP UN1431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1431	001/11888		David Krauss	1.00	0/5

MPP UN1433 TUBA INSTRUCTION. 1.00 point.

Prerequisites: Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Sign up for an audition on MPP website:

www.mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website:

www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

MPP UN1435 VIOLA INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/10288		Sarah Adams	1.00	1/5
MPP 1435	002/10289		Ah-ling Neu	1.00	1/5
MPP 1435	003/10290		Jessica Thompson	1.00	2/5

Spring 2023: MPP UN1435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1435	001/11889		Sarah Adams	1.00	1/5
MPP 1435	002/11890		Ah-ling Neu	1.00	1/5
MPP 1435	003/11891		Jessica Thompson	1.00	2/5

MPP UN1437 VIOLIN INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MPP 1437	001/10291	Cyrus Beroukhim	1.00	2/5
MPP 1437	002/10292	Maja Cerar	1.00	2/5
MPP 1437	004/10293	Lisa Kim	1.00	0/5
MPP 1437	005/10294	Muneko Otani	1.00	0/5
MPP 1437	006/10295	Richard Rood	1.00	4/5

Spring 2023: MPP UN1437

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1437	001/11892		Cyrus Beroukhim	1.00	2/5
MPP 1437	002/11893		Maja Cerar	1.00	3/5
MPP 1437	004/11895		Lisa Kim	1.00	0/5
MPP 1437	005/11896		Muneko Otani	1.00	2/5
MPP 1437	006/11897		Richard Rood	1.00	4/5

MPP UN1439 EARLY INSTRUMENTS: HARPSICHORD. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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MPP UN1441 EARLY INSTRUMENTS: VIOLA DA GAMBA. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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MPP UN1443 JAZZ BASS INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	002/10296		Ugonna Okegw	1.00	3/5

Spring 2023: MPP UN1443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1443	001/11900		Bradley Jones	1.00	0/5
MPP 1443	002/11901		Ugonna Okegw	1.00	2/5

MPP UN1445 JAZZ BASS (ELECTRIC) INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/10297		Leo Traversa	1.00	0/5

Spring 2023: MPP UN1445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1445	001/11902		Leo Traversa	1.00	0/5

MPP UN1447 JAZZ GUITAR (ELECTRIC) INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/10298		Paul Bollenback	1.00	4/7
MPP 1447	002/10299		Leo Traversa	1.00	2/5

Spring 2023: MPP UN1447

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1447	001/11903		Paul Bollenback	1.00	4/7
MPP 1447	002/11904		Leo Traversa	1.00	0/5

MPP UN1449 JAZZ ORCHESTRATION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/10300		Ole Mathisen	1.00	0/5
MPP 1449	002/10301		Don Sickler	1.00	0/5

Spring 2023: MPP UN1449

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1449	001/11908		Ole Mathisen	1.00	0/25
MPP 1449	002/11909		Don Sickler	1.00	0/25

MPP UN1451 JAZZ PERCUSSION INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	002/10302		Vince Cherico	1.00	6/6

MPP 1451	003/10303		Sylvia Cuenca	1.00	0/5
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Spring 2023: MPP UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1451	001/11910		Anthony Moreno	1.00	0/5
MPP 1451	002/11911		Vince Cherico	1.00	5/5
MPP 1451	003/11912		Sylvia Cuenca	1.00	0/5

MPP UN1453 JAZZ PIANO INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/10304		Bruce Barth	1.00	6/7
MPP 1453	002/10305		Victor Lin	1.00	5/5
MPP 1453	004/10306		Helen Sung	1.00	2/5

Spring 2023: MPP UN1453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1453	001/11914		Bruce Barth	1.00	6/7
MPP 1453	002/11915		Victor Lin	1.00	2/5
MPP 1453	004/11916		Helen Sung	1.00	3/5

MPP UN1455 JAZZ SAXOPHONE INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students

must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/10307		Laubrock Ingrid	1.00	3/5

Spring 2023: MPP UN1455

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1455	001/11917		Laubrock Ingrid	1.00	2/5

MPP UN1457 JAZZ TROMBONE INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1457

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1457	001/10308		John David Gibson	1.00	3/5

Spring 2023: MPP UN1457

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1457	001/11918		John David Gibson	1.00	1/5

MPP UN1459 JAZZ TRUMPET INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu Prerequisites: Audition

Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1459

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/10309		Don Sickler	1.00	3/5

Spring 2023: MPP UN1459

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1459	001/11919		Don Sickler	1.00	3/5

MPP UN1461 JAZZ VOICE INSTRUCTION. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: mpp.music.columbia.edu

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Required: Sign up for an audition time on MPP website: mpp.music.columbia.edu Accepting NEW STUDENTS in

FALL semester ONLY. \$300 MUSIC LESSON FEE FOR ALL STUDENTS. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1461

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/10310		Christine Correa	1.00	11/11

Spring 2023: MPP UN1461

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1461	001/11920		Christine Correa	1.00	11/11

MPP UN1511 COLLEGIUM MUSICUM. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Collegium Musicum is a performing group dedicated primarily to the study and performance of early music, broadly defined

Fall 2022: MPP UN1511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/10312		Elisabeth Kiger	1.00	4/30

Spring 2023: MPP UN1511

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1511	001/14838	M 7:30pm - 9:30pm 622 Dodge Building	Elisabeth Kiger	1.00	4/30

MPP UN1521 UNIVERSITY ORCHESTRA I. 2.00 points.

Prerequisites: Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu or on the CUO website: <http://cuo.music.columbia.edu/>

Prerequisites: Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu or on the CUO website: <http://cuo.music.columbia.edu/>

Auditions are required. Sign up for an audition on the MPP website: www.mpp.music.columbia.edu or on the CUO website: <http://cuo.music.columbia.edu/> Accepting NEW STUDENTS in FALL semester ONLY unless otherwise noted. All accepted MPP students must register for ensembles by the change-of-program deadline every semester in order to be allowed to participate. Petitioning students or students not able to register must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu Weekly meetings with ensemble and end-of-semester performance required

Fall 2022: MPP UN1521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/10313	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2.00	77/100

Spring 2023: MPP UN1521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1521	001/11014	T 6:30pm - 9:30pm Room TBA	Jeffrey Milarsky	2.00	71/100

MPP UN1531 CHAMBER ENSEMBLE. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

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Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	001/10315		Maja Cerar	1.00	0/25
MPP 1531	003/10316		Ian Sullivan	1.00	0/25
MPP 1531	004/10317		Magdalena Baczkewska	1.00	15/25
MPP 1531	005/10318		Reiko Uchida	1.00	0/25
MPP 1531	006/10319		Sarah Adams	1.00	6/25
MPP 1531	007/10320		Eliot Bailen	1.00	6/25
MPP 1531	008/10321		Allen Blustine	1.00	3/25
MPP 1531	009/10322		Vicki Bodner	1.00	0/25
MPP 1531	010/20223		Wendy Sutter	1.00	3/25
MPP 1531	011/20222		Maja Cerar	1.00	9/25
MPP 1531	012/10324		Cyrus Beroukhim	1.00	0/25
MPP 1531	013/10325		June Han	1.00	0/25
MPP 1531	014/10326		Sue Anne Kahn	1.00	6/25
MPP 1531	015/10328		Ah-ling Neu	1.00	8/25
MPP 1531	016/10329		Muneko Otani	1.00	16/25
MPP 1531	017/10330		Susan Palma-Nidel	1.00	3/25
MPP 1531	018/10331		Richard Rood	1.00	6/25
MPP 1531	019/10332		Susan Rotholz	1.00	3/25
MPP 1531	021/10333		Brad Gemeinhardt	1.00	0/25

Spring 2023: MPP UN1531

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1531	003/11921		Ian Sullivan	1.00	0/25
MPP 1531	004/11922		Magdalena Baczkewska	1.00	16/30
MPP 1531	005/11923		Reiko Uchida	1.00	0/25
MPP 1531	006/11924		Sarah Adams	1.00	6/25
MPP 1531	007/11925		Eliot Bailen	1.00	6/25

MPP 1531 008/11926

MPP 1531 009/11927

MPP 1531 010/11940

MPP 1531 011/11928

MPP 1531 012/11929

MPP 1531 013/11930

MPP 1531 014/11931

MPP 1531 015/11932

MPP 1531 016/11933

MPP 1531 017/11934

MPP 1531 018/11935

MPP 1531 019/11936

MPP 1531 020/11937

MPP 1531 021/11938

MPP 1531 022/11939

Allen Blustine 1.00 3/25

Vicki Bodner 1.00 0/25

Wendy Sutter 1.00 2/25

Maja Cerar 1.00 8/25

Cyrus Beroukhim 1.00 0/25

June Han 1.00 0/25

Sue Anne Kahn 1.00 6/25

Ah-ling Neu 1.00 7/25

Muneko Otani 1.00 16/25

Susan Palma-Nidel 1.00 2/25

Richard Rood 1.00 6/25

Susan Rotholz 1.00 3/25

Jessica Thompson 1.00 0/25

Brad Gemeinhardt 1.00 0/25

Dmitry Alexeev 1.00 0/5

MPP UN1541 COLUMBIA UNIV JAZZ ENSEMBL. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites:

Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1541

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/10335		Christine Correa	1.00	16/25
MPP 1541	002/10336		Victor Lin	1.00	2/25
MPP 1541	003/10337		Leo Traversa	1.00	6/25
MPP 1541	004/10338		Vince Cherico	1.00	7/25
MPP 1541	005/10339		Victor Lin	1.00	6/25
MPP 1541	006/10340		Ole Mathisen	1.00	5/25
MPP 1541	007/10341		Ole Mathisen	1.00	2/25
MPP 1541	008/10342		Ole Mathisen	1.00	0/25
MPP 1541	009/10343		Don Sickler	1.00	13/25

MPP 1541	010/10344	Don Sickler	1.00	0/25
MPP 1541	011/18829	John David Gibson	1.00	9/10

Spring 2023: MPP UN1541

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1541	001/11942		Christine Correa	1.00	14/25
MPP 1541	002/11943		Victor Lin	1.00	0/25
MPP 1541	003/11944		Leo Traversa	1.00	4/25
MPP 1541	004/11945		Vince Cherico	1.00	8/25
MPP 1541	005/11946		Victor Lin	1.00	7/25
MPP 1541	006/11947		Ole Mathisen	1.00	6/25
MPP 1541	007/11948		Laubrock Ingrid	1.00	0/25
MPP 1541	008/11950		John David Gibson	1.00	7/25
MPP 1541	009/11951		Don Sickler	1.00	11/25
MPP 1541	010/11952		Ole Mathisen	1.00	0/25

MPP UN1551 WORLD MUSIC ENSEMBLE. 1.00 point.

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu

Prerequisites: Auditions are required. Sign up for an audition on MPP website: www.mpp.music.columbia.edu Prerequisites: Audition Required: Sign up for an audition time on MPP website: www.mpp.music.columbia.edu Accepting NEW STUDENTS in FALL semester ONLY. All accepted MPP students must register for lessons and ensembles by the change-of-program deadline in order to be allowed to attend lessons that semester. Petitioning students must notify MPP staff prior to this deadline. Contact Music Performance Program at mpp@columbia.edu

Fall 2022: MPP UN1551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/10345		James Kerr	1.00	5/25
MPP 1551	002/10346		Alicia Lindsey	1.00	6/25
MPP 1551	003/10347		Elizabeth Brown	1.00	6/25
MPP 1551	004/10348		Yumi Kurosawa	1.00	7/25
MPP 1551	005/10349		Jeff Warschauer	1.00	4/25
MPP 1551	006/10350		Leo Traversa, Vince Cherico	1.00	7/25
MPP 1551	007/10351	F 10:00am - 12:00pm 814 Dodge Building	Taoufik Ben-Amor	1.00	13/25

Spring 2023: MPP UN1551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MPP 1551	001/11954		James Kerr	1.00	6/25
MPP 1551	002/11955		Alicia Lindsey	1.00	8/25

MPP 1551	003/11956		Elizabeth Brown	1.00	4/25
MPP 1551	004/11958		Yumi Kurosawa	1.00	10/25
MPP 1551	005/11959		Jeff Warschauer	1.00	6/25
MPP 1551	006/11960		Leo Traversa, Vince Cherico	1.00	10/25
MPP 1551	007/11961	Th 6:00pm - 8:00pm 814 Dodge Building	Taoufik Ben-Amor	1.00	20/25

OF RELATED INTEREST**PHILOSOPHY**

Departmental Office: 708 Philosophy; 212-854-3196
www.philosophy.columbia.edu

Director of Undergraduate Studies: Christia Mercer,
707 Philosophy; 212-854-3190; cm50@columbia.edu
(da5@columbia.edu)

Economics-Philosophy Adviser: Jessica Collins, 714
Philosophy; 212-854-3970; jdc9@columbia.edu

Students interested in philosophy may pursue a major either in philosophy or in economics-philosophy. Because philosophy treats issues fundamental to both the sciences and the humanities, students are also welcome to combine their philosophy major with work in other fields. Before declaring a major in philosophy or economics-philosophy, and before deciding to combine philosophy with another discipline, students should meet with the director of undergraduate studies to formulate the program best for them.

Philosophy majors are given a foundation in logic and philosophical methodology, and are asked to confront fundamental questions in the main areas of philosophy: epistemology and metaphysics, ethics and political philosophy, philosophy of mind and language, and history of philosophy. The department requires that all majors take at least one seminar (PHIL UN3912), designed to allow students to focus on particular philosophical issues or texts in greater depth. Outstanding seniors may also pursue their own philosophical project in a senior thesis.

Over and above the courses required of all majors, there is room for considerable flexibility. Through an appropriate choice of electives from among the department's offerings (and from related courses in other departments), there are special opportunities for focusing more intensively on one or two subfields of philosophy, e.g., logic and the philosophy of mathematics, philosophy of science, ethics and political philosophy, or the history of philosophy. Students should consult with the director of undergraduate studies on how best to pursue such programs.

STUDY ABROAD: REID HALL, PARIS

For information on the Columbia in Paris Program at Reid Hall, including summer courses, consult the *Columbia University in Paris Bulletin* (available in 606 Kent and online at the [Office of Global Programs](#) website), call 212-854-2559, or send an email to reidhall@columbia.edu. For information on applicability of Reid Hall courses to the major or concentration, consult the director of undergraduate studies.

GRADING

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

SENIOR THESIS

Undergraduates majoring in Philosophy or Economics-Philosophy may propose to write a senior thesis. Students who wish to write a thesis should approach a faculty member at the end of their junior or beginning of their senior year, and begin working on the proposal early in the fall semester of their senior year. Proposals are due in early December, and will be reviewed by a committee which will include the Director of Undergraduate Studies; students will be notified of the committee's decision within two weeks. Students whose proposals are approved should register for their faculty advisor's section of Supervised Independent Research for the spring term of the senior year. Theses are due in early April.

Students who have a grade point average of 3.6 or above in the major and who complete a thesis will be placed into consideration for departmental honors, though any senior may complete a thesis regardless of their grade point average (upon approval of the proposal).

See the full policy and procedure concerning senior theses on the departmental webpage:

<http://philosophy.columbia.edu/content/senior-thesis-philosophy>

DEPARTMENTAL HONORS

Departmental honors are highly competitive. Normally no more than 10% of the majors graduating in the department each year will receive departmental honors.

In order to qualify for departmental honors in philosophy, a student must have a grade point average of at least 3.6 in the major.

For students with a GPA of 3.6 or above, there are two possible routes to consideration:

1. A student may complete a senior thesis; those students who complete senior theses will automatically be considered for honors without having to be nominated.
2. A student may be nominated by a faculty member early in the spring semester of the senior year; nominated students will be invited to submit a writing sample at least 15 pages in length. A nominated student who is also writing a thesis

may submit their thesis as the writing sample, or may choose to submit a different work.

Both the senior theses and writing samples are due in early April. The departmental honors committee will then review the submitted material and the academic records of the writers, and will report to the full faculty.

The full faculty will then decide which students to recommend for departmental honors to the Columbia College and General Studies administrations.

PROFESSORS

David Albert
Akeel Bilgrami
Taylor Carman (Barnard)
Haim Gaifman
Lydia Goehr
Robert Gooding-Williams
Axel Honneth
Wolfgang Mann
Christia Mercer
Michele Moody-Adams
John Morrison (Barnard)
Fred Neuhouser (Barnard)
Christopher Peacocke
Carol Rovane
Achille Varzi
Katja Vogt

ASSOCIATE PROFESSORS

Justin Clarke-Doane
Jessica Collins
Tamar Lando
Karen Lewis (Barnard)

ASSISTANT PROFESSORS

Allison Aitken
Melissa Fusco
Dhananjay Jagannathan
Francey Russell (Barnard)

Affiliated Faculty

Souleymane Bachir Diagne (French and Romance Philology)
Jon Elster (Political Science)
Kent Greenawalt (University Professor)
Wayne Proudfoot (Religion)
Gayatri Spivak (University Professor)

MAJOR IN PHILOSOPHY

Students considering a major in philosophy are strongly encouraged to meet with the director of undergraduate studies early in their sophomore year. All majors must consult with the director of undergraduate studies each term before registering

for classes in order to plan and update their individual programs of study.

Students planning to major in philosophy are advised to begin with PHIL UN1010 METHDS/PROB OF PHILOS THOUGHT. *Please note* PHILUN1001 INTRODUCTION TO PHILOSOPHY & PHILUN1401 INTRODUCTION TO LOGIC do not count for credit towards the undergraduate major in philosophy. Beginning students are especially encouraged to take 2000-level courses, both in the history of philosophy and in systematic philosophy. These courses are typically less specialized and less narrowly focused than higher-numbered ones. More advanced students are encouraged to take 3000-level courses. The department requires that all majors take at least one seminar, PHIL UN3912.

No more than one course at the 1000-level can be counted toward the major. In order to enroll in one of the 4000-level courses, students must have taken at least four courses in Philosophy.

The major requires a minimum of 30 points in philosophy chosen from courses prefixed with *UN* or *GU*:

PHIL UN2101	HISTORY OF PHILOSOPHY I
PHIL UN2201	HISTORY OF PHILOSOPHY II
PHIL UN3411	SYMBOLIC LOGIC

At least one course in either metaphysics or epistemology e.g., PHIL W3960, or a related course to be chosen in consultation with the director of undergraduate studies.

Select at least one course in either ethics or social and political philosophy from the following:

PHIL UN2702	Contemporary Moral Problems
PHIL UN3701	ETHICS
PHIL UN3751	POLITICAL PHILOSOPHY

A related course to be chosen in consultation with the director of undergraduate studies.

PHIL UN3912	SEMINAR
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CONCENTRATION IN PHILOSOPHY

Philosophy, as an academic discipline, has significant points of contact with a wide range of other subjects—in the humanities, the social sciences, and the natural sciences. A concentration in philosophy thus can be an attractive option for many students. Those considering becoming concentrators are strongly encouraged to meet with the director of undergraduate studies early in their sophomore year, in order to discuss their specific interests and to plan their programs of study. All concentrators should consult with the director of undergraduate studies each term before registering for courses.

The concentration requires a minimum of 24 points in philosophy, chosen from courses prefixed with UN or GU. There are no specific courses required for the concentration.

Students may choose courses prefixed with *GR* only with the instructor's permission.

PHIL UN3912 is open to junior and senior concentrators who have taken at least four courses in philosophy.

MAJOR IN ECONOMICS-PHILOSOPHY

Please read *Guidelines for all Economics Majors, Concentrators, and Interdepartmental Majors* in the *Economics* section of this Bulletin.

Economics-Philosophy is an interdisciplinary major that, while introducing students to the basic methodologies of economics and philosophy, stresses areas of particular concern to both. These include subjects such as rationality and decision making, justice and efficiency, freedom and collective choice, and the logic of empirical theories and their testing. Many of the issues are dealt with historically, and classic texts of Plato, Kant, Mill, Marx, and Smith are reviewed.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Philosophy. Please note that the Economics adviser can only advise on the Economics requirements and the Philosophy adviser can only advise on the Philosophy requirements.

The Economics-Philosophy major requires a total minimum of 54 points: 25 points in Economics, 16 points in Philosophy, 6 points in Mathematics, 3 points in Statistics, and 4 points in the interdisciplinary seminar as follows:

Economics Core Courses

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON UN3412	INTRODUCTION TO ECONOMETRICS

Mathematics Sequence

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Three electives are required; refer to the Economics section of this bulletin.

Philosophy Courses

PHIL UN1010	METHDS/PROB OF PHILOS THOUGHT
PHIL UN3411	SYMBOLIC LOGIC
PHIL UN3701	ETHICS (a social or political philosophy course may be substituted, please consult the Philosophy DUS)
PHIL UN3551	PHILOSOPHY OF SCIENCE

or PHIL UN3960	EPISTEMOLOGY
PHIL GU4561	PROBABILITY # DECISION THEORY
Seminar	
ECPH GU4950	ECONOMICS # PHILOSOPHY (or another seminar in philosophy or economics approved by advisers in both department)

Students who declared before Spring 2014:

The requirements for this program were modified in 2014. Students who declared this program before Spring 2014 should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

FALL 2022

PHIL UN1001 INTRODUCTION TO PHILOSOPHY. 3.00 points.

Survey of some of the central problems, key figures, and great works in both traditional and contemporary philosophy. Topics and texts will vary with instructor and semester

Fall 2022: PHIL UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1001	001/00406	M W 1:10pm - 2:25pm 203 Diana Center	Christopher Prodoehl	3.00	23/25
PHIL 1001	002/00407	M W 4:10pm - 5:25pm 202 Milbank Hall	Christopher Prodoehl	3.00	23/25
PHIL 1001	003/00779	T Th 8:40am - 9:55am 203 Diana Center	Christina Van Dyke	3.00	27/25
PHIL 1001	004/18812	M W 2:40pm - 3:55pm 413 Hamilton Hall	Mariana Noe	3.00	13/15

Spring 2023: PHIL UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1001	001/00011	T Th 2:40pm - 3:55pm 328 Milbank Hall	Karen Lewis	3.00	42/50
PHIL 1001	002/00012	M W 8:40am - 9:55am 207 Milbank Hall	Taylor Carman	3.00	27/40

PHIL UN1010 METHDS/PROB OF PHILOS THOUGHT. 3.00 points.

Critical introduction to philosophical problems, ideas and methods

Fall 2022: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/11482	M W 7:40pm - 8:55pm 326 Uris Hall	Justin Clarke-Doane	3.00	50/80
PHIL 1010	AU1/18577	M W 7:40pm - 8:55pm 326 Uris Hall	Justin Clarke-Doane	3.00	6/6

Spring 2023: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/10871	T Th 1:10pm - 2:25pm 307 Uris Hall	Natalia Alexander	3.00	18/20
PHIL 1010	002/10872	M W 6:10pm - 7:25pm 315 Hamilton Hall	Mariana Noe	3.00	17/20
PHIL 1010	003/12833	M W 10:10am - 11:25am 520 Mathematics Building	Melissa Fusco	3.00	26/40

PHIL UN2101 HISTORY OF PHILOSOPHY I. 4.00 points.

Corequisites: PHIL V2111 Required Discussion Section (0 points). Exposition and analysis of the positions of the major philosophers from the pre-Socratics through Augustine. This course has unrestricted enrollment

Fall 2022: PHIL UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2101	001/11485	T Th 10:10am - 11:25am 417 Mathematics Building	Dhananjay Jagannathan	4.00	59/60

PHIL UN2110 PHILOSOPHY # FEMINISM. 3.00 points.

Is there an essential difference between women and men? How do questions about race conflict or overlap with those about gender? Is there a normal way of being queer? Introduction to philosophy and feminism through a critical discussion of these and other questions using historical and contemporary texts, art, and public lectures. Focus includes essentialism, difference, identity, knowledge, objectivity, and queerness

Fall 2022: PHIL UN2110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2110	001/11492	T Th 2:40pm - 3:55pm 413 Kent Hall	Christia Mercer	3.00	41/70

PHIL UN2685 INTRO TO PHIL OF LANGUAGE. 3.00 points.

This course gives students an introduction to various topics in the Philosophy of Language

Fall 2022: PHIL UN2685

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2685	001/00408	T Th 10:10am - 11:25am 805 Altschul Hall	Karen Lewis	3.00	30/40

PHIL UN3000 BUDDHIST PHILOSOPHY. 3.00 points.

Buddhist philosophers generally agree about what doesn't exist: an enduring, unitary, and independent self. But there is surprisingly little consensus across Buddhist traditions about what does exist and what it's like. In this course, we will examine several Buddhist theories about the nature and structure of reality and consider the epistemological and ethical implications of these radically different pictures of the world. We will analyze and evaluate arguments from some of the most influential Indian Buddhist philosophers from the second

to the eleventh centuries, including Nāgārjuna, Vasubandhu, Dignāga, Candrakīrti, Śāntarakṣita, Śāntideva, and Ratnakīrti. Topics will include the existence and nature of the external world, the mind, and the self; practical and epistemological implications of the Buddhist no-self principle; personal identity; the problem of other minds; and causal determinism and moral responsibility

Fall 2022: PHIL UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3000	001/15015	M W 2:40pm - 3:55pm 424 Kent Hall	Allison Aitken	3.00	19/20

PHIL UN3264 19TH CENTURY PHILOSOPHY: HEGEL. 3.00 points.

Prerequisites: Phil UN2201 or PHIL UN3251

Prerequisites: Phil UN2201 or PHIL UN3251 Examines major themes of Hegels philosophy, with emphasis on social and political thought. Topics include Hegels critique of Kant, the possibility of metaphysics, the master-slave dialectic, and the role of freedom in a rational society. Readings from Kant's Third Critique help explain how Hegels project develops out of Kants transcendental idealism. Some knowledge of Kants moral theory and his Critique of Pure Reason is presupposed. Prerequisite: at least one of PHIL UN2201, PHIL UN2301, or PHIL UN3251

Fall 2022: PHIL UN3264

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3264	001/00409	M W 8:40am - 9:55am 203 Diana Center	Frederick Neuhouser	3.00	14/30

PHIL UN3353 EUROPEAN SOCIAL PHILOSOPHY. 3.00 points.

Prerequisites: one philosophy course.

Prerequisites: one philosophy course. A survey of European social philosophy from the 18th to the 20th century, with special attention to theories of capitalism and the normative concepts (freedom, alienation, human flourishing) that inform them. Also: the relationship between civil society and the state

Fall 2022: PHIL UN3353

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3353	001/00410	M W 11:40am - 12:55pm 328 Milbank Hall	Frederick Neuhouser	3.00	28/40

PHIL UN3411 SYMBOLIC LOGIC. 4.00 points.

Corequisites: PHIL V3413 Required Discussion Section (0 points). Advanced introduction to classical sentential and predicate logic. No previous acquaintance with logic is required; nonetheless a willingness to master technicalities and to work at a certain level of abstraction is desirable

Fall 2022: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/11474	M W 10:10am - 11:25am	Tamar Lando	4.00	60/80

614 Schermerhorn Hall

Spring 2023: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/10893	T Th 2:40pm - 3:55pm 301 Uris Hall	Achille Varzi	4.00	105/100

PHIL UN3551 PHILOSOPHY OF SCIENCE. 3.00 points.
Enrollment limited to 40.

Prerequisites: one philosophy course or the instructor's permission.

Philosophical problems within science and about the nature of scientific knowledge in the 17th-20th centuries. Sample problems: causation and scientific explanation; induction and real kinds; verification and falsification; models, analogies and simulations; the historical origins of the modern sciences; scientific revolutions; reductionism and supervenience; differences between physics, biology and the social sciences; the nature of life; cultural evolution; human nature; philosophical issues in cosmology

Fall 2022: PHIL UN3551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3551	001/11493	T Th 2:40pm - 3:55pm 716 Philosophy Hall	David Albert	3.00	18/35

PHIL UN3601 METAPHYSICS. 4.00 points.

Corequisites: PHIL V3611 Required Discussion Section (0 points). Systematic treatment of some major topics in metaphysics (e.g. modality, causation, identity through time, particulars and universals). Readings from contemporary authors

Fall 2022: PHIL UN3601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3601	001/11487	T Th 11:40am - 12:55pm 313 Fayerweather	Achille Varzi	4.00	70/75
PHIL 3601	AU1/18578	T Th 11:40am - 12:55pm 313 Fayerweather	Achille Varzi	4.00	4/3

PHIL UN3701 ETHICS. 4.00 points.

Prerequisites: one course in philosophy.

Corequisites: *PHIL V3711* Required Discussion Section (0 points).

Prerequisites: one course in philosophy. Corequisites: PHIL V3711 Required Discussion Section (0 points). This course is mainly an introduction to three influential approaches to normative ethics: utilitarianism, deontological views, and virtue ethics. We also consider the ethics of care, and selected topics in meta-ethics

Fall 2022: PHIL UN3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3701	001/11477	M W 1:10pm - 2:25pm	Carol Rovane	4.00	43/53

PHIL 3701 AU1/18576	420 Pupin				
	Laboratories				
	M W 1:10pm -	Carol	4.00	3/4	
	2:25pm	Rovane			
	420 Pupin				
	Laboratories				

PHIL UN3751 POLITICAL PHILOSOPHY. 3.00 points.

Six major concepts of political philosophy including authority, rights, equality, justice, liberty and democracy are examined in three different ways. First the conceptual issues are analyzed through contemporary essays on these topics by authors like Peters, Hart, Williams, Berlin, Rawls and Schumpeter. Second the classical sources on these topics are discussed through readings from Hobbes, Locke, Hume, Marx, Plato, Mill and Rousseau. Third some attention is paid to relevant contexts of application of these concepts in political society, including such political movements as anarchism, international human rights, conservative, liberal, and Marxist economic policies as well as competing models of democracy

Fall 2022: PHIL UN3751

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3751	001/11484	T Th 8:40am - 9:55am 716 Philosophy Hall	Axel Honneth	3.00	31/35

PHIL UN3756 Critical Philosophy of Race: What is Race?. 3.00 points.

This course is a philosophical examination of the meaning and significance of the concept of race. The course will chiefly aim to answer: What do we mean by the term “race”? And why is it often tied to the existence of racism? From where does the concept come? And what role did “race” play in the philosophical thought and the culture of Western modernity? Among the questions that can be asked are, How do concepts of race contribute to the formation and justification of various economic, political, and social institutions and practices, such as slavery, colonialism, and segregation? However, we will also inquire at the end of the course whether “race” is always a destructive concept, or whether it can be re-defined as part of a liberation project centered on racial identity: the appreciation and celebration of racial difference and solidarity

Fall 2022: PHIL UN3756

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3756	001/11491	T Th 1:10pm - 2:25pm 414 Pupin Laboratories	Robert Gooding-Williams	3.00	20/35

PHIL UN3858 CULTIVATING INDIVIDUALITY. 3.00 points.

Talk about “individuality”, about being (or becoming) “yourself” is all around us. But what exactly does this mean? What is genuine individuality, and how can we develop it, in ourselves (though self-development) and in others (by designing appropriate educational institutions)? What is the relationship between being an individual and being a part of society? Is there a tension between the non-conformism

often associated with genuine individuality on the one hand, and the demands of community and good citizenship, on the other? Can educational institutions be designed to fulfill both those demands (to the extent they are distinct)? And how might oppressive social institutions hinder the development of “individuality”? In this course, we will explore these and related questions by drawing on both the classics of philosophy of education (Plato, Rousseau, Nietzsche, Dewey, Du Bois), and on relevant literary material that is in conversation with the philosophical texts (Rilke, Tolstoy, Woolf)

Fall 2022: PHIL UN3858

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3858	001/15394	W 12:10pm - 2:00pm 716 Philosophy Hall	Natalia Alexander	3.00	18/20

PHIL UN3768 ALLIES, ADVOCATES, ADVERSARIES. 3.00 points.

This course will survey political and epistemological questions that are centered around living in a society with oppression, including: What is oppression? What does it mean to be an ally? When is it right to speak for others and advocate for their interests? Do we have a duty to dissent and protest under certain circumstances? What is solidarity and how can we act in solidarity with others?

Fall 2022: PHIL UN3768

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3768	001/16728	T Th 6:10pm - 7:25pm 516 Hamilton Hall	Ege Yumusak	3.00	9/35

PHIL UN3863 HAPPINESS AND WELL-BEING. 3.00 points.

“What is it to be happy?” Philosophers have passionately debated this question from antiquity until now. Especially in times when happiness seems difficult to find, we naturally want to know what happiness is and how best to secure it. In this course, we will consider happiness in relation to well-being, examining four major theories of well-being (hedonism, desire-fulfillment theories, objective list theories, and eudaimonism/perfectionism). We will gain a nuanced understanding of each view by juxtaposing their ancient and modern advocates and opponents

Fall 2022: PHIL UN3863

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3863	001/13034	W 12:10pm - 2:00pm 329 Uris Hall	Anthony Marsh	3.00	12/15

PHIL UN3912 SEMINAR. 3.00 points.

Required of senior majors, but also open to junior majors, and junior and senior concentrators who have taken at least four philosophy courses. This exploration will typically involve writing a substantial research paper. Capped at 20 students with preference to philosophy majors

Fall 2022: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	008/11510	F 10:10am - 12:00pm 716 Philosophy Hall	Melissa Fusco	3.00	9/20
PHIL 3912	020/13957	Th 12:10pm - 2:00pm 716 Philosophy Hall	Katja Vogt	3.00	21/20

Spring 2023: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	003/00034	M 2:10pm - 4:00pm 716 Philosophy Hall	Taylor Carman	3.00	17/20
PHIL 3912	004/19837	Th 2:10pm - 4:00pm 303 Hamilton Hall	Christia Mercer	3.00	5/20
PHIL 3912	018/10879	W 6:10pm - 8:00pm 716 Philosophy Hall	Achille Varzi	3.00	23/24

PHIL UN3960 EPISTEMOLOGY. 4.00 points.

Corequisites: PHIL UN3963

Corequisites: PHIL W3963 Required Discussion Section (0 points). What can we know? What is knowledge? What are the different kinds of knowledge? We will read classic and contemporary texts for insight into these questions

Fall 2022: PHIL UN3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3960	001/11473	M W 8:40am - 9:55am 716 Philosophy Hall	Jessica Collins	4.00	20/28

PHIL UN3996 SUPERVISED SENIOR RESEARCH. 3.00 points.**Spring 2023: PHIL UN3996**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3996	001/11698		Allison Aitken	3.00	1/5
PHIL 3996	002/11699		David Albert	3.00	0/5
PHIL 3996	003/11700		Akeel Bilgrami	3.00	0/5
PHIL 3996	004/11702		Justin Clarke-Doane	3.00	0/5
PHIL 3996	005/11704		Jessica Collins	3.00	0/5
PHIL 3996	006/11707		Melissa Fusco	3.00	1/5
PHIL 3996	007/11708		Haim Gaifman	3.00	0/5
PHIL 3996	008/11710		Lydia Goehr	3.00	0/5
PHIL 3996	009/11711		Robert Gooding-Williams	3.00	1/5
PHIL 3996	010/11713		Axel Honneth	3.00	1/5
PHIL 3996	011/11715		Dhananjay Jagannathan	3.00	2/5
PHIL 3996	012/11716		Tamar Lando	3.00	0/5

PHIL 3996	013/11717	Wolfgang Mann	3.00	0/5
PHIL 3996	014/11720	Christia Mercer	3.00	1/5
PHIL 3996	015/11721	Michele Moody-Adams	3.00	0/5
PHIL 3996	016/11722	Christopher Peacocke	3.00	0/5
PHIL 3996	017/11725	Carol Rovane	3.00	0/5
PHIL 3996	018/11726	Achille Varzi	3.00	3/5
PHIL 3996	019/11727	Katja Vogt	3.00	1/5
PHIL 3996	020/00807	Taylor Carman	3.00	3/5

PHIL UN3997 SUPERVISED SENIOR RESEARCH. 3.00 points.

Supervised research usually with the goal of writing a senior thesis, under the direction of individual members of the department

Fall 2022: PHIL UN3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3997	001/13036		Allison Aitken	3.00	1/5
PHIL 3997	002/13038		Justin Clarke-Doane	3.00	0/5
PHIL 3997	003/13039		Jessica Collins	3.00	0/5
PHIL 3997	004/13040		Melissa Fusco	3.00	0/5
PHIL 3997	005/13042		Haim Gaifman	3.00	0/5
PHIL 3997	006/13044		Robert Gooding-Williams	3.00	0/5
PHIL 3997	007/13045		Axel Honneth	3.00	1/5
PHIL 3997	008/13046		Dhananjay Jagannathan	3.00	0/5
PHIL 3997	009/13047		Tamar Lando	3.00	0/5
PHIL 3997	010/13048		Wolfgang Mann	3.00	0/5
PHIL 3997	011/13049		Christia Mercer	3.00	0/5
PHIL 3997	012/13050		Christopher Peacocke	3.00	0/5
PHIL 3997	013/13055		Carol Rovane	3.00	0/5
PHIL 3997	014/13056		Achille Varzi	3.00	0/5
PHIL 3997	015/13057		Katja Vogt	3.00	0/5
PHIL 3997	016/13058		Michele Moody-Adams	3.00	0/5
PHIL 3997	017/13037		David Albert	3.00	0/5
PHIL 3997	018/13043		Lydia Goehr	3.00	0/5

PHIL GU4424 MODAL LOGIC. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Fall 2022: PHIL GU4424

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4424	001/11481	M 6:10pm - 8:00pm 716 Philosophy Hall	Tamar Lando	3.00	25/40

PHIL GU4471 Philosophy of Mathematics. 3 points.

Not offered during 2022-23 academic year.

Prerequisites: mathematical background, or familiarity with formal reasoning. The instructor's permission in borderline cases is required.

Topics: Mathematical reasoning and intuition, as illustrated in simple problem solving and historical examples. The source of mathematical validity. Views of mathematics of some major philosophers: Kant, Mill, Frege Russell, Wittgenstein. Realism and Constructivism. Hilbert's program. Mathematics as a formal deductive activity. Formal systems and the significance of Gödel's incompleteness results. Some more recent debates in the philosophy of mathematics.

Fall 2022: PHIL GU4471

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4471	001/11496	T 6:10pm - 8:00pm 716 Philosophy Hall	Haim Gaifman, Justin Clarke-Doane	3	10/40

PHIL GU4495 PERCEPTION. 3.00 points.

This course addresses the fabulously rich range of issues about the nature of perception, including: perceptual mental representation and its content; computational explanation; justifying beliefs; knowledge and thought about perception; and perception of music. Perception is an interdisciplinary subject par excellence. Readings will be drawn from philosophy and psychology, aesthetics, and artificial intelligence

PHIL GU4561 PROBABILITY & DECISION THEORY. 3.00 points.

Examines interpretations and applications of the calculus of probability including applications as a measure of degree of belief, degree of confirmation, relative frequency, a theoretical property of systems, and other notions of objective probability or chance. Attention to epistemological questions such as Hume's problem of induction, Goodman's problem of projectibility, and the paradox of confirmation

Fall 2022: PHIL GU4561

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4561	001/11511	F 12:10pm - 2:00pm 716 Philosophy Hall	Haim Gaifman	3.00	20/40

PHIL GU4602 PHILOSOPHICAL TEXTS IN GREEK. 3.00 points.

Careful reading and translation of a major philosophical text in ancient Greek to be chosen by the course participants in

consultation with the instructor. Special attention is to be paid to the linguistic and conceptual problems of translating ancient Greek philosophical texts. Prerequisite: equivalent of at least two years of study of ancient Greek at university level

Fall 2022: PHIL GU4602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4602	001/11506	W 6:10pm - 8:00pm 716 Philosophy Hall	Wolfgang Mann	3.00	8/20

PHIL GU4675 THE DIRECTION OF TIME. 3.00 points.

A survey of the various attempts to reconcile the macroscopic directionality of time with the time-reversibility of the fundamental laws of physics. The second law of thermodynamics and the concept of entropy, statistical mechanics, cosmological problems, the problems of memory, the possibility of multiple time direction

Fall 2022: PHIL GU4675

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4675	001/11476	M 10:10am - 12:00pm 716 Philosophy Hall	David Albert	3.00	18/40

SPRING 2023**PHIL UN1010 METHODS/PROB OF PHILOS THOUGHT. 3.00 points.**

Critical introduction to philosophical problems, ideas and methods

Fall 2022: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/11482	M W 7:40pm - 8:55pm 326 Uris Hall	Justin Clarke-Doane	3.00	50/80
PHIL 1010	AU1/18577	M W 7:40pm - 8:55pm 326 Uris Hall	Justin Clarke-Doane	3.00	6/6

Spring 2023: PHIL UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/10871	T Th 1:10pm - 2:25pm 307 Uris Hall	Natalia Alexander	3.00	18/20
PHIL 1010	002/10872	M W 6:10pm - 7:25pm 315 Hamilton Hall	Mariana Noe	3.00	17/20
PHIL 1010	003/12833	M W 10:10am - 11:25am 520 Mathematics Building	Melissa Fusco	3.00	26/40

PHIL UN1401 INTRODUCTION TO LOGIC. 3.00 points.

Explicit criteria for recognizing valid and fallacious arguments, together with various methods for schematizing discourse for the purpose of logical analysis. Illustrative material taken from science and everyday life

Spring 2023: PHIL UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PHIL 1401	001/00013	M W 4:10pm - 5:25pm	Christopher Prodoehl	3.00	60/80
405 Milbank Hall					

PHIL UN2201 HISTORY OF PHILOSOPHY II. 4.00 points.

Prerequisites: PHIL UN2211 Required Discussion Section (0 points).

Prerequisites: PHIL UN2211 Required Discussion Section (0 points). PHIL UN2101 is not a prerequisite for this course. Exposition and analysis of the metaphysics, epistemology, and natural philosophy of the major philosophers from Aquinas through Kant. Authors include Aquinas, Galileo, Gassendi, Descartes, Spinoza, Leibniz, Berkeley, Hume, and Kant. This course has unrestricted enrollment

Spring 2023: PHIL UN2201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2201	001/00014	T Th 11:40am - 12:55pm LI002 Milstein Center	Christina Van Dyke	4.00	84/80

PHIL UN3131 ARISTOTLE. 3.00 points.

Prerequisites: One philosophy course or permission of the instructor.

Introduction to Aristotle's philosophy through analysis of selected texts.

Spring 2023: PHIL UN3131

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3131	001/10877	M W 11:40am - 12:55pm 717 Hamilton Hall	Wolfgang Mann	3.00	40/80

PHIL UN3411 SYMBOLIC LOGIC. 4.00 points.

Corequisites: PHILV3413 Required Discussion Section (0 points). Advanced introduction to classical sentential and predicate logic. No previous acquaintance with logic is required; nonetheless a willingness to master technicalities and to work at a certain level of abstraction is desirable

Fall 2022: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/11474	M W 10:10am - 11:25am 614 Schermerhorn Hall	Tamar Lando	4.00	60/80

Spring 2023: PHIL UN3411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/10893	T Th 2:40pm - 3:55pm 301 Uris Hall	Achille Varzi	4.00	105/100

PHIL UN3685 PHILOSOPHY OF LANGUAGE. 3.00 points.

This course is a survey of analytic philosophy of language. It addresses central issues about the nature of meaning, including: sense and reference, speech acts, pragmatics, and the

relationship between meaning and use, meaning and context, and meaning and truth

PHIL UN3912 SEMINAR. 3.00 points.

Required of senior majors, but also open to junior majors, and junior and senior concentrators who have taken at least four philosophy courses. This exploration will typically involve writing a substantial research paper. Capped at 20 students with preference to philosophy majors

Fall 2022: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	008/11510	F 10:10am - 12:00pm 716 Philosophy Hall	Melissa Fusco	3.00	9/20
PHIL 3912	020/13957	Th 12:10pm - 2:00pm 716 Philosophy Hall	Katja Vogt	3.00	21/20

Spring 2023: PHIL UN3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3912	003/00034	M 2:10pm - 4:00pm 716 Philosophy Hall	Taylor Carman	3.00	17/20
PHIL 3912	004/19837	Th 2:10pm - 4:00pm 303 Hamilton Hall	Christia Mercer	3.00	5/20
PHIL 3912	018/10879	W 6:10pm - 8:00pm 716 Philosophy Hall	Achille Varzi	3.00	23/24

PHIL UN3996 SUPERVISED SENIOR RESEARCH. 3.00 points.

Spring 2023: PHIL UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3996	001/11698		Allison Aitken	3.00	1/5
PHIL 3996	002/11699		David Albert	3.00	0/5
PHIL 3996	003/11700		Akeel Bilgrami	3.00	0/5
PHIL 3996	004/11702		Justin Clarke- Doane	3.00	0/5
PHIL 3996	005/11704		Jessica Collins	3.00	0/5
PHIL 3996	006/11707		Melissa Fusco	3.00	1/5
PHIL 3996	007/11708		Haim Gaifman	3.00	0/5
PHIL 3996	008/11710		Lydia Goehr	3.00	0/5
PHIL 3996	009/11711		Robert Gooding- Williams	3.00	1/5
PHIL 3996	010/11713		Axel Honneth	3.00	1/5
PHIL 3996	011/11715		Dhananjay Jagannathan	3.00	2/5
PHIL 3996	012/11716		Tamar Lando	3.00	0/5
PHIL 3996	013/11717		Wolfgang Mann	3.00	0/5
PHIL 3996	014/11720		Christia Mercer	3.00	1/5

PHIL 3996 015/11721	Michele Moody-Adams	3.00	0/5	PHIL 3998 004/11733	Justin Clarke-Doane	1.00-3.00/5
PHIL 3996 016/11722	Christopher Peacocke	3.00	0/5	PHIL 3998 005/11734	Jessica Collins	1.00-3.00/5
PHIL 3996 017/11725	Carol Rovane	3.00	0/5	PHIL 3998 006/11736	Melissa Fusco	1.00-3.00/5
PHIL 3996 018/11726	Achille Varzi	3.00	3/5	PHIL 3998 007/11738	Haim Gaifman	1.00-3.00/5
PHIL 3996 019/11727	Katja Vogt	3.00	1/5	PHIL 3998 008/11739	Lydia Goehr	1.00-3.00/5
PHIL 3996 020/00807	Taylor Carman	3.00	3/5	PHIL 3998 009/11741	Robert Gooding-Williams	1.00-3.00/5

PHIL UN3998 SUPERVISED INDIVIDUAL RESEARCH.**1.00-3.00 points.****Fall 2022: PHIL UN3998**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3998	001/13059		Allison Aitken	1.00-3.00/5	
PHIL 3998	003/13062		Jessica Collins	1.00-3.00/5	
PHIL 3998	004/13063		Melissa Fusco	1.00-3.00/5	
PHIL 3998	005/13064		Haim Gaifman	1.00-3.00/5	
PHIL 3998	006/13065		Robert Gooding-Williams	1.00-3.00/5	
PHIL 3998	007/13066		Axel Honneth	1.00-3.00/5	
PHIL 3998	008/13067		Dhananjay Jagannathan	1.00-3.00/5	
PHIL 3998	009/13068		Tamar Lando	1.00-3.00/5	
PHIL 3998	010/13069		Wolfgang Mann	1.00-3.00/5	
PHIL 3998	011/13070		Christia Mercer	1.00-3.00/5	
PHIL 3998	012/13080		Christopher Peacocke	1.00-3.00/5	
PHIL 3998	013/13081		Carol Rovane	1.00-3.00/5	
PHIL 3998	014/13082		Achille Varzi	1.00-3.00/5	
PHIL 3998	015/13083		Katja Vogt	1.00-3.00/5	
PHIL 3998	016/13084		David Albert	1.00-3.00/5	
PHIL 3998	017/13085		Michele Moody-Adams	1.00-3.00/5	
PHIL 3998	018/20146		Akeel Bilgrami	1.00-3.00/5	
PHIL 3998	019/20145		Lydia Goehr	1.00-3.00/5	

Spring 2023: PHIL UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3998	001/11729		Allison Aitken	1.00-3.00/5	
PHIL 3998	002/11731		David Albert	1.00-3.00/5	
PHIL 3998	003/11732		Akeel Bilgrami	1.00-3.00/5	

PHIL 3998 010/11742	Axel Honneth	1.00-3.00/5
PHIL 3998 011/11743	Dhananjay Jagannathan	1.00-3.00/5
PHIL 3998 012/11744	Tamar Lando	1.00-3.00/5
PHIL 3998 013/11745	Wolfgang Mann	1.00-3.00/5
PHIL 3998 014/11746	Christia Mercer	1.00-3.00/5
PHIL 3998 015/11747	Michele Moody-Adams	1.00-3.00/5
PHIL 3998 016/11748	Christopher Peacocke	1.00-3.00/5
PHIL 3998 017/11749	Carol Rovane	1.00-3.00/5
PHIL 3998 018/11750	Achille Varzi	1.00-3.00/5
PHIL 3998 019/11751	Katja Vogt	1.00-3.00/5

PHIL GU4170 MEDIEVAL PHILOSOPHY. 3.00 points.**Spring 2023: PHIL GU4170**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4170	001/00036	T 2:10pm - 4:00pm 716 Philosophy Hall	Christina Van Dyke	3.00	11/25

PHIL GU4431 INTRODUCTION TO SET THEORY. 3.00 points.

Basic set-theoretic operations and constructions. The axiom of choice. Infinitary arithmetic, ordinal and cardinal. Russell's paradox, Cantor's paradoxes, and other set-theoretic paradoxes. The continuum hypothesis. Axiomatic set theory. Other topics as time permits.

PHIL GU4337 EARLY TWENTIETH CENT PHILOS. 3.00 points.**Spring 2023: PHIL GU4337**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4337	002/18882	Th 12:10pm - 2:00pm 716 Philosophy Hall	Jessica Collins	3.00	13/35

PHIL GU4810 LATTICES AND BOOLEAN ALGEBRA. 3.00 points.

Prerequisites: PHIL UN3411 or 4801

Prerequisites: PHIL UN3411 or 4801 This course is designed as an introduction to lattices and Boolean algebras. In the first part of the course, we study partial orders and view lattices both as partial orders and as algebraic structures. We study some basic constructions involving sublattices, products of lattices, and homomorphic images of lattices. In the second part of the course, we study Boolean algebras, with an aim to proving several representation theorems: first, a representation theorem for finite Boolean algebras, and toward the end of the course, the famous Stone Representation Theorem. We end the course with a look at the connection between classical mereology (or the theory of parthood) and complete Boolean algebras

Spring 2023: PHIL GU4810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4810	001/10882	M 10:10am - 12:00pm 716 Philosophy Hall	Tamar Lando	3.00	10/40

PHIL GU4481 PHILOSOPHY OF LANGUAGE. 3.00 points.

Spring 2023: PHIL GU4481

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4481	001/14165	Th 10:10am - 12:00pm 716 Philosophy Hall	Melissa Fusco	3.00	15/40

PHIL GU4501 EPISTEMOLOGY. 3.00 points.

Spring 2023: PHIL GU4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4501	001/18216	W 2:10pm - 4:00pm 331 Uris Hall	Ege Yumusak	3.00	28/35

PHIL GU4900 TOPICS IN EARLY MODERN PHILOSOPHY. 3.00 points.

Open to undergraduates with previous work in the history of philosophy and to graduate students. Focuses either on an important topic in the history of early modern philosophy (e.g. skepticism, causation, mind, body) or on the philosophy of a major figure in the period (e.g. Descartes, Leibniz, Spinoza, Gassendi, Conway)

Spring 2023: PHIL GU4900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4900	001/10883	W 4:10pm - 6:00pm 716 Philosophy Hall	Christia Mercer	3.00	20/40

ECPH GU4950 ECONOMICS # PHILOSOPHY. 4.00 points.

Open only to economics-philosophy majors who are in their senior year.

Prerequisites: *ECON W3211, ECON W3213, ECON W3412.* Students will be contacted by the Economics department for pre-enrollment.

Prerequisites: *ECON W3211, ECON W3213, ECON W3412.* Students will be contacted by the Economics department for

pre-enrollment. Explores topics in the philosophy of economics such as welfare, social choice, and the history of political economy. Sometimes the emphasis is primarily historical and sometimes on analysis of contemporary economic concepts and theories

Spring 2023: ECPH GU4950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECPH 4950	001/10885	T 12:10pm - 2:00pm 1027 International Affairs Bldg	Jessica Collins, Brendan O'Flaherty	4.00	10/40

PHYSICAL EDUCATION AND INTERCOLLEGIATE ATHLETICS

Departmental Office: 336 Dodge Physical Fitness Center; 212-854-3439; perec.columbia.edu

Director of Undergraduate Studies: Director of Physical Education and Recreation, Jeffrey Ryder, 332 Dodge Physical Fitness Center; jr3786@columbia.edu; 212-854-4001

Departmental Administrative contact: 212-854-3439

The Physical Education Department offers a variety of activities in the areas of aquatics, fitness, martial arts, individual/dual sports, team sports, and outdoor education. Most of the activities are designed for the beginner level. Intermediate/advanced courses are offered at selected times. All courses are designed to develop and/or improve skills and knowledge, increase physical activity, and promote well-being. Courses aim to promote holistic, sustainable opportunities to engage with physical activity and physical well-being concepts. A major goal is to provide a positive, enjoyable experience for students, leading to the development of an active, healthy lifestyle.

The majority of the courses are offered in ten time preferences. However, there are early morning classes, Friday-only classes at Baker Athletics Complex, and specialty courses that utilize off-campus facilities during weekends. A description of the scheduled activities for each time preference is included in the Department of Physical Education [website](#).

A list of the activities for the term is included in the *Directory of Classes* and on the website. Students may select physical education courses during online registration. Students may register for only one section of Physical Education each term.

PHYSICAL EDUCATION REQUIREMENT

Successful completion of two Physical Education courses is a Columbia College requirement that students are advised to complete by the end of the first year. Students may elect to take one or two additional terms of Physical Education Activities

for credit. Students receive 1 point of academic credit for each completed term of physical education for a possible total of 4 points.

For more information on this requirement, please visit the *Core Curriculum*—Physical Education Requirement section of the bulletin.

MEDICAL CONDITIONS

Students who request to have their Physical Education activities limited or waived because of a medical condition should contact the Director of Undergraduate Studies for Physical Education. In some situations, students may require an evaluation by a clinician at Health Services at Columbia in order to receive a waiver. In consultation with the Director of Physical Education, students may be instructed to contact Dr. Melanie Bernitz, Senior Vice President for Columbia Health, who facilitates these evaluations.

GRADING

The grading in all physical education courses is Pass/Fail. Students who fulfill the attendance and participation requirement receive a Pass. Those who miss more than the permissible number of classes and who do not drop the course by the official drop deadline receive a W (Withdrawal), UW (Unofficial Withdrawal), or F (Fail). Those who anticipate attendance problems should contact their instructors or the Director of Undergraduate Studies for Physical Education.

SWIM TEST

All students are also required to pass a swimming test or take beginning swimming for one term to fulfill the swimming requirement. A waiver of the swimming test requirement may be granted if a student has a disability certified by a medical authority that precludes swimming. Students may also request waivers and accommodations on the grounds of religious observance or gender identity/expression. All requests for waivers and accommodations are reviewed by the Director of Physical Education.

INTERCOLLEGIATE ATHLETICS

Students who are participating on an intercollegiate team should register for the appropriate team section of PHED UN1005 INTERCOLLEGIATE ATHLETICS. Intercollegiate athletes are responsible for taking the swimming test. Student-athletes who cannot pass the test should take beginner swimming at the first possible opportunity.

Student-athletes who register correctly and participate on a team receive a Pass; those who drop off a team in midterm and still wish to receive academic credit must notify the Physical Education Office and be placed in an activity to complete the attendance requirement. Otherwise, the student must officially drop *Intercollegiate Athletics* or they receive a mark of W (Withdrawal).

DIRECTOR OF PHYSICAL EDUCATION PROGRAMS

Jeffrey Ryder

ASSOCIATES

Colin Allison
Michael Aufrichtig
Al Bagnoli
Kayla Bautista
James Bolster
Victoria Borja
Jake Brown
Tobe Carberry
Diana Caskey
Demerae Christianson
India Choquette
Nathaniel Clark
Simon Cleary
Tyler Cordell
Theodore Cowling
Nicholas Cruz
Derek Davis
Laki Djokovic
Scott Donie
Aliza Feuerstein
Wilfred Frederic
Lea Georgatos
Matt Hall
Jumpei Harada
Andrew Hess
Cole Hester
Justin Ifill
Brian Jines
Olivia Kelly
Amphone Keovongmanysar
Anastasia Kirtiklis
Beth Krysiak
Eliana Laessig
Andrew Laiosa
Tierney Larson
Gustavo Leal
SeoungWoo Lee
Robert Lieblein
Frank Lisante
Remy Mason
James McDermott
Richard Mueller
Shannon Nee
Sara Negrette
Meghan Negron
A.J. Nelson
Joseph Nord
Kristen O'Rourke
Joshua Osit
Nich Lee Parker

Pepper Pavlish
 Sarah Perron
 Ken Pollard
 Tamara Sagadore
 Nate Scales
 Joanne Schickerling
 Daniel Segui
 Steve Shulman
 Paige Smith
 Akhnaten Spencer-El
 Erik Supplee
 Kayla Tavares
 Dan Tischler
 Samantha Warren
 Amy Weeks
 Amber Williams
 Elizabeth Young

PHED UN1001 PHYSICAL EDUCATION ACTIVITIES.

1.00 point.

The times listed in the on-line Directory of Classes are the actual class times for each time preference. A description of the scheduled activities for each time preference is posted on the department Web site, percec.columbia.edu

Fall 2022: PHED UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment				
PHED 1001	101/11475	W 8:00am - 8:50am Lgl Dodge Fitness Center	Jeffrey Ryder, Elizabeth Krysiak, Diamond Stewart, William Hall	1.00	21/20	PHED 1001	114/11483	W 9:00am - 9:50am S12 Dodge Fitness Center	Hall, Lea Georgatos Jeffrey Ryder, Paige Smith, Diamond Stewart, William Hall
PHED 1001	102/20108	W F 7:00am - 10:00am Lgl Dodge Fitness Center	Richard Mueller, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	8/8	PHED 1001	115/20103	M W 9:00am - 9:50am Ar3 Dodge Fitness Center	Stephen Shulman, Jeffrey Ryder, Diamond Stewart, William Hall
PHED 1001	111/11478	M W 9:00am - 9:50am Urs Dodge Fitness Center	James Bolster, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	27/30	PHED 1001	116/20154	M W 9:00am - 9:50am Ubg Dodge Fitness Center	Jeffrey Ryder, James Wyatt, Diamond Stewart, William Hall, Skyler Russo
PHED 1001	112/11479	M W 9:00am - 9:50am Urs Dodge Fitness Center	Jeffrey Ryder, Scott Donie, Diamond Stewart, William Hall	1.00	12/10	PHED 1001	121/11486	M W 10:00am - 10:50am Ubg Dodge Fitness Center	Jeffrey Ryder, Jake Brown, Diamond Stewart, William Hall
PHED 1001	113/11488	M 9:00am - 9:50am Lgl Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	22/20	PHED 1001	122/11490	W 10:00am - 10:50am S12 Dodge Fitness Center	Jeffrey Ryder, Theodore Cowling, Diamond Stewart, William Hall
						PHED 1001	123/11494	W 10:00am - 10:50am Room TBA	Jumpie Harada, Jeffrey Ryder, Diamond Stewart, William Hall
						PHED 1001	125/11497	W 10:30am - 12:00pm Lgl Dodge Fitness Center	Jeffrey Ryder, Colin Allison, Diamond Stewart, William Hall
						PHED 1001	126/20104	M W 10:00am - 10:50am Ar3 Dodge Fitness Center	Stephen Shulman, Jeffrey Ryder, Diamond Stewart, William Hall
						PHED 1001	131/11498	M W 11:00am - 11:50am Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart,

		William Hall, Frances Rosseland-Harrison			PHED 1001 172/20139	M W 3:10pm - 4:00pm Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Yuki Miyazawa	1.00	25/28
PHED 1001 141/11500	M W 12:10pm - 1:00pm Fen Dodge Fitness Center	Michael Aufrichtig, SeoungWoo Lee, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	20/18	PHED 1001 182/20136	M W 4:10pm - 5:00pm Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	26/28
PHED 1001 142/20155	M W 12:10pm - 1:00pm Room TBA	Samantha Warren, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	9/26	PHED 1001 212/11513	Th 9:00am - 9:50am Lgl Dodge Fitness Center	Dan Tischler, Jeffrey Ryder, Diamond Stewart, William Hall, Thomas Carty	1.00	25/20
PHED 1001 151/11502	M W 1:10pm - 2:00pm Ubg Dodge Fitness Center	Brian Jines, Jeffrey Ryder, Diamond Stewart, William Hall, Kristen O'Rourke	1.00	20/20	PHED 1001 213/11514	Th 9:00am - 9:50am S12 Dodge Fitness Center	Jeffrey Ryder, Bryan Hester, Diamond Stewart, William Hall	1.00	22/20
PHED 1001 152/11504	W 1:10pm - 2:00pm Lgl Dodge Fitness Center	Jeffrey Ryder, Tamara Sagadore, Diamond Stewart, William Hall	1.00	28/28	PHED 1001 214/20126	T Th 9:00am - 9:50am Ar4 Dodge Fitness Center	Jeffrey Ryder, Sara Negrette, Diamond Stewart, William Hall, Skyler Russo	1.00	16/23
PHED 1001 161/11507	M W 2:10pm - 3:00pm Ubg Dodge Fitness Center	Jeffrey Ryder, Tyler Cordell, Diamond Stewart, William Hall	1.00	21/22	PHED 1001 221/11516	T Th 10:00am - 10:50am Urs Dodge Fitness Center	Gustavo Leal, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	20/25
PHED 1001 162/11508	M W 2:10pm - 3:00pm Mtl Dodge Fitness Center	Jeffrey Ryder, Kayla Bautista, Diamond Stewart, William Hall	1.00	20/20	PHED 1001 222/11515	T Th 10:00am - 10:50am Urs Dodge Fitness Center	Jeffrey Ryder, Demerae Christianson, Diamond Stewart, William Hall	1.00	17/20
PHED 1001 170/20135	M W 3:10pm - 4:00pm Ar4 Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	28/28	PHED 1001 224/11518	T Th 10:00am - 10:50am Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Daniel Segui	1.00	24/22
PHED 1001 171/20105	M W 4:10pm - 5:00pm Ar3 Dodge Fitness Center	Jeffrey Ryder, Melanie Rodriguez, Diamond Stewart, William Hall	1.00	23/23	PHED 1001 225/11519	T 10:00am - 10:50am Lgl Dodge Fitness Center	Jeffrey Ryder, Aliza Feuerstein, Diamond Stewart,	1.00	19/20

PHED 1001 226/20127	T Th 10:00am - 10:50am Ar4 Dodge Fitness Center	William Hall Jeffrey Ryder, Sara Negrette, Diamond Stewart, William Hall, Skyler Russo	1.00	21/23	PHED 1001 254/20157	T 1:10pm - 2:00pm Lgl Dodge Fitness Center	Chad Walsh Jeffrey Ryder, Joseph Nord, Diamond Stewart, William Hall	1.00	25/26
PHED 1001 228/20818		Jeffrey Ryder, Demerae Christianson, Diamond Stewart, William Hall	1.00	0/20	PHED 1001 261/11526	T Th 2:10pm - 3:00pm Ubg Dodge Fitness Center	Brian Jines, Jeffrey Ryder, Jeremy Mason, Diamond Stewart, William Hall	1.00	18/18
PHED 1001 231/11520	T Th 11:00am - 11:50am Ar4 Dodge Fitness Center	Anastasia Kirtiklis, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	24/22	PHED 1001 262/11527	T Th 2:10pm - 3:00pm Mtl Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Olivia Kelly	1.00	21/22
PHED 1001 241/11521	T Th 12:10pm - 1:00pm Fen Dodge Fitness Center	Michael Aufrichtig, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	18/18	PHED 1001 263/20107	T Th 2:10pm - 3:00pm Ar4 Dodge Fitness Center	Jeffrey Ryder, Latinka Djokovic, Diamond Stewart, William Hall	1.00	15/23
PHED 1001 242/11522	T Th 12:10pm - 1:00pm Room TBA	Jeffrey Ryder, Andrew Hess, Diamond Stewart, William Hall, Alex Canale	1.00	19/20	PHED 1001 271/11528	T Th 3:10pm - 4:00pm Ffs Dodge Fitness Center	Simon Cleary, Jeffrey Ryder, Diamond Stewart, William Hall, Shannon Nee	1.00	11/15
PHED 1001 251/11523	T Th 1:10pm - 2:00pm Ubg Dodge Fitness Center	Amphone Keovongmanysar, Jeffrey Ryder, Diamond Stewart, William Hall, Joseph Blasetti	1.00	22/22	PHED 1001 272/11529	T 3:10pm - 4:00pm Lgl Dodge Fitness Center	Jeffrey Ryder, Amber Williams, Diamond Stewart, William Hall	1.00	20/20
PHED 1001 252/11524	T Th 1:10pm - 2:00pm Ffs Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Reanna Lizardo	1.00	12/15	PHED 1001 273/20106	T Th 3:10pm - 4:00pm Ar3 Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Eliana Laessig	1.00	17/23
PHED 1001 253/11525	T Th 1:10pm - 2:00pm Btl Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Tierney Larson,	1.00	19/20	PHED 1001 274/20160	T Th 3:10pm - 4:00pm Mtl Dodge Fitness Center	Jeffrey Ryder, Kayla Bautista, Diamond Stewart, William Hall, Sean Cooper	1.00	13/20
					PHED 1001 291/20156	Th 9:00pm - 11:30pm	Andrew Laiosa,	1.00	15/12

	Urs Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall				PHED 1002 111/15276	W 9:00am - 9:50am Lgl Dodge Fitness Center	Jeffrey Ryder, Amber Williams, Paige Smith, Diamond Stewart, William Hall	1.00	37/38
PHED 1001 303/11531	F 10:00am - 4:00pm Room TBA	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	35/38						
PHED 1001 305/11532	F 10:00am - 12:00pm Room TBA	Kenneth Pollard, Jeffrey Ryder, Diamond Stewart, William Hall, Jack Abelson	1.00	35/30		PHED 1002 112/15284	M W 9:00am - 9:50am Ubg Dodge Fitness Center	Jeffrey Ryder, James Wyatt, Diamond Stewart, William Hall	1.00	18/20
PHED 1001 401/11533	Sa S 8:00am - 5:00pm Room TBA	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	20/24		PHED 1002 121/15290	W 10:00am - 10:50am S12 Dodge Fitness Center	Jeffrey Ryder, Theodore Cowling, Diamond Stewart, William Hall	1.00	25/26
PHED 1001 402/11534	Sa S 8:00am - 5:00pm Room TBA	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	24/24		PHED 1002 122/15293	M W 10:00am - 10:50am Ubg Dodge Fitness Center	Jeffrey Ryder, Tobe Carberry, Diamond Stewart, William Hall	1.00	26/27
PHED 1001 403/11535	Sa S 8:00am - 5:00pm Room TBA	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	24/24		PHED 1002 123/15298	M W 10:00am - 10:50am Urs Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	32/28
PHED 1001 404/11536	Sa S 8:00am - 5:00pm Room TBA	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	23/24		PHED 1002 124/15299	M W 10:00am - 10:50am Urs Dodge Fitness Center	Diana Caskey, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	22/26

PHED UN1002 PHYSICAL EDUCATION ACTIVITIES.***1.00 point.***

The required Physical Education program offers a variety of activities in the areas of strength training, dance, cardio fitness, martial arts, individual and dual sports, team sports, and outdoor education. It is our goal that the experiences provided by these activities will contribute to the development of an active, healthy lifestyle

Spring 2023: PHED UN1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1002 101/15252	W 8:00am - 8:50am Lgl Dodge Fitness Center	Dan Tischler, Jeffrey Ryder, Diamond Stewart, William Hall, Thomas Carty	1.00	34/35	

PHED 1002 125/15300	M W 10:00am - 10:50am Ar3 Dodge Fitness Center	Stephen Shulman, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	23/24	
PHED 1002 126/15305	M W 10:00am - 10:50am Ffs Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Nayelly Walker	1.00	15/15	
PHED 1002 127/15310	W 10:30am - 12:00pm Lgl Dodge Fitness Center	Gina Orlando, Jeffrey Ryder, Colin Allison,	1.00	24/24	

		Diamond Stewart, William Hall						Hall, Olivia Kelly		
PHED 1002 131/15355	M W 11:00am - 11:50am Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Stephen Conway	1.00	18/27		PHED 1002 171/15375	M W 3:10pm - 4:00pm Ar4 Dodge Fitness Center	Sophia Rouze, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	24/25
PHED 1002 132/15366	W 11:00am - 11:50am Lgl Dodge Fitness Center	Jumpie Harada, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	32/32		PHED 1002 181/15388	M W 4:10pm - 5:00pm Ar3 Dodge Fitness Center	Jeffrey Ryder, Melanie Rodriguez, Diamond Stewart, William Hall	1.00	18/25
PHED 1002 141/15368	M W 12:10pm - 1:00pm Fen Dodge Fitness Center	Michael Aufrichtig, SeoungWoo Lee, Jeffrey Ryder, Akhnaten Spencer-El, Diamond Stewart, William Hall	1.00	22/24		PHED 1002 182/19823	M W 4:10pm - 5:00pm Ar4 Dodge Fitness Center	Anastasia Kirtiklis, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	27/26
PHED 1002 142/15370	M W 12:10pm - 1:00pm Room TBA	Samantha Warren, Jeffrey Ryder, Diamond Stewart, William Hall, Thomas Wenk	1.00	23/28		PHED 1002 211/15389	T 9:00am - 9:50am Lgl Dodge Fitness Center	Jeffrey Ryder, Joseph Nord, Diamond Stewart, William Hall, Chad Walsh	1.00	26/30
PHED 1002 151/15371	M W 1:10pm - 2:00pm Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Nicholas Cruz	1.00	22/27		PHED 1002 212/15391	T 9:00am - 9:50am S12 Dodge Fitness Center	Jeffrey Ryder, Elizabeth Krysiak, Bryan Hester, Diamond Stewart, William Hall	1.00	31/35
PHED 1002 152/19822	M W 1:10pm - 2:00pm Ffs Dodge Fitness Center	Jeffrey Ryder, Kayla Bautista, Diamond Stewart, William Hall	1.00	15/15		PHED 1002 213/15407	T Th 9:00am - 9:50am Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Skyler Russo	1.00	32/30
PHED 1002 161/15373	M W 2:10pm - 3:00pm Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Alexandra Bassetti	1.00	20/24		PHED 1002 214/19940	T Th 9:00am - 9:50am Ffs Dodge Fitness Center	Jeffrey Ryder, Sara Negrette, Diamond Stewart, William Hall	1.00	11/15
PHED 1002 162/15374	M W 2:10pm - 3:00pm Mtl Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William	1.00	29/28		PHED 1002 221/15409	T 10:00am - 10:50am Lgl Dodge Fitness Center	Jeffrey Ryder, Aliza Feuerstein, Diamond Stewart, William Hall	1.00	23/25
						PHED 1002 222/15410	T Th 10:00am - 10:50am	Gustavo Leal, Jeffrey	1.00	29/29

	Urs Dodge Fitness Center	Ryder, Diamond Stewart, William Hall					Stewart, William Hall, Lea Georgatos		
PHED 1002 224/15400	T Th 10:00am - 10:50am Ubg Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Shannon Nee, Tierney Larson	1.00	18/30	PHED 1002 234/15419	T Th 11:00am - 11:50am Mtl Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Andrew Sanchez, Frances Rosseland-Harrison	1.00	25/20
PHED 1002 225/15412	T Th 10:00am - 10:50am Mtl Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Reanna Lizardo	1.00	28/26	PHED 1002 235/15421	T Th 11:00am - 11:50am Ar4 Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	19/22
PHED 1002 226/15413	T Th 10:00am - 10:50am Ffs Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Megan Negron, Amanda Ventura	1.00	10/15	PHED 1002 251/15424	T Th 1:10pm - 2:00pm Room TBA	Jeffrey Ryder, Diamond Stewart, William Hall, Alex Canale, Laurel Korholz	1.00	18/30
PHED 1002 227/15415	T Th 10:00am - 10:50am Ar4 Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	24/24	PHED 1002 252/15425	T Th 1:10pm - 2:00pm Ar3 Dodge Fitness Center	Jeffrey Ryder, Latinka Djokovic, Diamond Stewart, William Hall	1.00	26/26
PHED 1002 228/19752	T Th 10:00am - 10:50am Urs Dodge Fitness Center	Jeffrey Ryder, Demerae Christianson, Diamond Stewart, William Hall	1.00	12/20	PHED 1002 253/15426	T Th 1:10pm - 2:00pm Ubg Dodge Fitness Center	Amphone Keovongmanysar, Jeffrey Ryder, Diamond Stewart, William Hall, Joseph Blasetti	1.00	20/25
PHED 1002 231/15416	T Th 11:00am - 11:50am Ubg Dodge Fitness Center	Brian Jines, Jeffrey Ryder, Diamond Stewart, William Hall, Daniel Segui	1.00	24/28	PHED 1002 261/15427	T Th 2:10pm - 3:00pm Ar3 Dodge Fitness Center	Jeffrey Ryder, Latinka Djokovic, Diamond Stewart, William Hall	1.00	19/23
PHED 1002 232/15417	T 11:00am - 11:50am Lgl Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Andrew Sanchez, Frances Rosseland-Harrison	1.00	23/25	PHED 1002 262/15428	T 2:10pm - 3:00pm Lgl Dodge Fitness Center	Jeffrey Ryder, Tamara Sagadore, Diamond Stewart, William Hall	1.00	25/25
PHED 1002 233/15418	Th 11:00am - 11:50am Room TBA	Jeffrey Ryder, Diamond	1.00	21/24	PHED 1002 263/15429	T Th 2:10pm - 3:00pm Mtl Dodge Fitness Center	Jeffrey Ryder, Jeremy Mason, Diamond Stewart,	1.00	18/22

PHED 1002 264/15430	T Th 2:10pm - 3:00pm Ubg Dodge Fitness Center	William Hall, Kristen O'Rourke Amphone Keovongmanysar, Jeffrey Ryder, Diamond Stewart, William Hall, Joseph Blasetti	1.00	18/25
PHED 1002 271/15431	T Th 3:10pm - 4:00pm Ar3 Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall, Eliana Laessig	1.00	25/23
PHED 1002 272/15434	T Th 3:10pm - 4:00pm Mtl Dodge Fitness Center	Simon Cleary, Jeffrey Ryder, Diamond Stewart, William Hall, Sean Cooper	1.00	23/22
PHED 1002 273/15432	T Th 3:10pm - 4:00pm Ubg Dodge Fitness Center	Jeffrey Ryder, Jeremy Mason, Diamond Stewart, William Hall, Kristen O'Rourke	1.00	17/20
PHED 1002 274/15433	T Th 3:10pm - 4:00pm Ffs Dodge Fitness Center	Brian Jines, Jeffrey Ryder, Andrew Hess, Diamond Stewart, William Hall	1.00	15/15
PHED 1002 291/15435	Th 9:00pm - 11:30pm Urs Dodge Fitness Center	Andrew Laiosa, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	20/18
PHED 1002 301/15436	F 10:00am - 12:00pm Bac Dodge Fitness Center	Kenneth Pollard, Jeffrey Ryder, Diamond Stewart, William Hall, Jack Abelson	1.00	34/36
PHED 1002 302/15437	F 10:00am - 4:00pm Room TBA	Jeffrey Ryder, Diamond Stewart,	1.00	22/20

PHED 1002 303/15438	F 10:00am - 4:00pm Room TBA	William Hall, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	16/20
PHED 1002 304/15439	Sa 10:00am - 7:00pm Off Dodge Fitness Center	Anastasia Kirtiklis, Jeffrey Ryder, Diamond Stewart, William Hall	1.00	20/26
PHED 1002 305/15440	F 10:00am - 12:00pm Bac Dodge Fitness Center	Jeffrey Ryder, Frank Lisante, Wilfred Frederic, Diamond Stewart, William Hall	1.00	19/30
PHED 1002 401/15441	Sa S 8:00am - 4:00pm Off Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	22/24
PHED 1002 402/15442	Sa S 8:00am - 4:00pm Off Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	23/24
PHED 1002 403/15443	Sa S 8:00am - 4:00pm Off Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	25/24
PHED 1002 404/15444	Sa S 8:00am - 4:00pm Off Dodge Fitness Center	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	25/24

PHED UN1005 INTERCOLLEGIATE ATHLETICS.
0.00-1.00 points.

Archery, Mens/Womens Golf, Baseball, Womens Lacrosse, Womens Basketball, Womens Soccer, Mens Basketball, Mens Soccer, Womens Rowing, Womens Softball, Mens Freshman Light Row, Womens Swimming, Mens Freshman Heavy Row, Mens Swimming, Mens Varsity Light Row, Womens Tennis, Mens Varsity Heavy Row, Mens Tennis, Womens Fencing, Womens Track, Mens Fencing, Mens Track, Womens Field Hockey, Womens Volleyball, Football, Wrestling, Womens Squash, and Mens Squash

Fall 2022: PHED UN1005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1005 001/11538			Derek Davis,	0.00-1.00	16/20

	Jeffrey Ryder, Diamond Stewart, William Hall		PHED 1005 010/11547	Richard Mueller, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/25
PHED 1005 002/11539	Brett Boretti, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50			
			PHED 1005 011/11548	Jeffrey Ryder, Diamond Stewart, William Hall, Anne Murray	0.00-1.00/6/50
PHED 1005 003/11540	Megan Griffith, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/35			
			PHED 1005 012/11549	Emerson Curry, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/2/75
PHED 1005 004/11541	James Engles, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/35			
			PHED 1005 013/11550	Nicholas Parker, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60
PHED 1005 005/11542	Michael Aufrechtig, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60			
			PHED 1005 014/11551	Nicholas Parker, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60
PHED 1005 006/11543	Michael Aufrechtig, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60			
			PHED 1005 015/11552	Scott Alwin, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60
PHED 1005 007/11544	Katherine Desandis, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/2/60			
			PHED 1005 016/11553	Scott Alwin, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/0/60
PHED 1005 008/11545	Gregory Lamb, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/3/150			
			PHED 1005 017/11554	Tracey Bartholomew, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/9/50
PHED 1005 009/11546	Amy Weeks, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/25			
			PHED 1005 018/11555	Kevin Anderson, Jeffrey Ryder, Diamond Stewart,	0.00-1.00/0/50

PHED 1005 019/11556	William Hall Jeffrey Ryder, Jennifer Teague, Diamond Stewart, William Hall	0.00-1.00/50	PHED 1005 028/11565	Diamond Stewart, William Hall Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50
PHED 1005 020/11557	Joanne Schickerling, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50	PHED 1005 029/11566	Jeffrey Ryder, Zachary Tanelli, Diamond Stewart, William Hall	0.00-1.00/6/50
PHED 1005 021/11558	Joanne Schickerling, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50	PHED 1005 030/11567	Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/4/50
PHED 1005 022/11559	Diana Caskey, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/4/50	Spring 2023: PHED UN1005		
			Course Section/Call Times/Location	Instructor	Points Enrollment
			Number Number		
			PHED 1005 001/15499	Derek Davis, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/20
PHED 1005 023/11560	James Bolster, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/1/50	PHED 1005 002/15500	Brett Boretti, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/9/50
PHED 1005 024/11561	Ilene Weintraub, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50	PHED 1005 003/15501	Megan Griffith, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/35
PHED 1005 025/11562	Howard Endelman, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50	PHED 1005 004/15502	James Engles, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/35
PHED 1005 026/11563	Daniel Ireland, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/75	PHED 1005 005/15503	Michael Aufrechtig, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60
PHED 1005 027/11564	Daniel Ireland, Jeffrey Ryder,	0.00-1.00/3/75	PHED 1005 006/15504	Michael Aufrechtig,	0.00-1.00/60

	Jeffrey Ryder, Diamond Stewart, William Hall		PHED 1005 015/15513	Jeffrey Ryder, Andrew Hess, Diamond Stewart, William Hall	0.00-1.00/60
PHED 1005 007/15505	Katherine Desandis, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60	PHED 1005 016/15514	Jeffrey Ryder, Andrew Hess, Diamond Stewart, William Hall	0.00-1.00/60
PHED 1005 008/15530	Gregory Lamb, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/150	PHED 1005 017/15515	Tracey Bartholomew, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50
PHED 1005 009/15506	Amy Weeks, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/25	PHED 1005 018/15516	Kevin Anderson, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50
PHED 1005 010/15508	Richard Mueller, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/25	PHED 1005 019/15517	Jeffrey Ryder, Jennifer Teague, Diamond Stewart, William Hall	0.00-1.00/1/50
PHED 1005 011/15509	Jeffrey Ryder, Diamond Stewart, William Hall, Anne Murray	0.00-1.00/1/50	PHED 1005 020/15518	Jeffrey Ryder, Christopher Sachvie, William Hall	0.00-1.00/50
PHED 1005 012/15510	Emerson Curry, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/7/75	PHED 1005 021/15520	Jeffrey Ryder, Christopher Sachvie, Diamond Stewart, William Hall	0.00-1.00/6/50
PHED 1005 013/15511	Nicholas Parker, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60	PHED 1005 022/15521	Diana Caskey, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/4/50
PHED 1005 014/15512	Nicholas Parker, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/60	PHED 1005 023/15522	James Bolster, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/2/50

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1005 024/15523	Ilene Weintraub, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	8/10
PHED 1005 025/15524	Howard Endelman, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50	Jeffrey Ryder, Diamond Stewart, William Hall	1.00	0/10
PHED 1005 026/15525	Daniel Ireland, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/75			
PHED 1005 027/15526	Daniel Ireland, Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/75			
PHED 1005 028/15527	Jeffrey Ryder, Diamond Stewart, William Hall, Patric Santiago	0.00-1.00/50			
PHED 1005 029/15529	Jeffrey Ryder, Zachary Tanelli, Diamond Stewart, William Hall	0.00-1.00/50			
PHED 1005 030/15528	Jeffrey Ryder, Diamond Stewart, William Hall	0.00-1.00/50			

PHED UN3998 INDEPENDENT STUDY. 1.00 point.

Independent Study

Fall 2022: PHED UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 3998 001/20090			Jeffrey Ryder, William Hall	1.00	8/10
PHED 3998 002/20320			Jeffrey Ryder, William Hall	1.00	1/10

Spring 2023: PHED UN3998

PHYSICS

Departmental Office: 704 Pupin; 212-854-3348

<http://www.columbia.edu/cu/physics>

Director of Undergraduate Studies: Dr. Jeremy Dodd, 924 Pupin; 212-854-3969; jeremy.dodd@columbia.edu

The physics major offers a rigorous preparation in the intellectual developments of modern physics, along with extensive exposure to the mathematical and experimental techniques required to conduct basic and applied research in physics.

For the major, the department offers a set of required courses well-suited to prepare students for the most rigorous course of graduate study. These can be supplemented by elective courses in a variety of advanced topics. Although most majors go on to graduate work in physics, the intellectual skills acquired in the study of physics can also provide the basis for work in a variety of other scientific and nonscientific areas.

The physics concentration is for students who are interested in physics but are uncertain about graduate study in physics; for those who want to explore other subjects along with physics; for those who want to find a physics- or technology-related job after graduation; or for those who are considering a professional school such as law or medicine. The department helps concentrators custom design programs to ensure maximum flexibility in meeting students' intellectual needs and career goals. With appropriate selection of courses, the concentrator can explore other subjects yet maintain the option of graduate study in physics.

Research is an extremely important component of the Columbia physics experience. Because the department has a very small student-to-faculty ratio, essentially all physics majors and concentrators engage in experimental, computational, or theoretical research under the close supervision of a faculty member during part, if not all, of their time at Columbia.

REGISTRATION FOR INTRODUCTORY COURSES

The department offers a stand-alone one-semester course for nonscience majors, one introductory sequence in physics intended primarily for preprofessional students, and three introductory sequences in physics for engineering and physical science majors. Students are given credit for courses from only one of the different sequence groups.

Mixing courses across the sequences is strongly discouraged; however, physics majors who begin their studies with PHYS UN1401 INTRO TO MECHANICS # THERMO - PHYS UN1402 INTRO ELEC/MAGNETISM # OPTCS should take PHYS UN2601 PHYSICS III:CLASS/QUANTUM WAVE as the third-semester course.

Introductory Sequences

Nonscience Majors:

PHYS UN1001 PHYSICS FOR POETS

Preprofessional Students:

PHYS UN1201 GENERAL PHYSICS I
- PHYS UN1202 and GENERAL PHYSICS II

Accompanying laboratory course:

PHYS UN1291 GENERAL PHYSICS I LAB
- PHYS UN1292 and GENERAL PHYSICS II
LABORATORY

Engineering and Physical Science Majors:

Select one of the following sequences with accompanying laboratory course:

Sequence A:

PHYS UN1401 INTRO TO MECHANICS #
- PHYS UN1402 THERMO
- PHYS UN1403 and INTRO ELEC/MAGNETISM
OPTCS
and INTRO-CLASSCL #
QUANTUM WAVES

Sequence B:

PHYS UN1601 PHYSICS I:MECHANICS/
- PHYS UN1602 RELATIVITY
- PHYS UN2601 and PHYSICS II: THERMO,
ELEC # MAG
and PHYSICS III:CLASS/
QUANTUM WAVE

Sequence C:

PHYS UN2801 ACCELERATED PHYSICS I
- PHYS UN2802 and ACCELERATED PHYSICS
II

Sequence A is a self-contained group of three courses, while Sequences B and C anticipate more course work in the Physics Department. Students considering a physics major are strongly encouraged to begin one of these sequences in their first year.

LABORATORY

Many of the introductory courses include a laboratory, as indicated. A \$75 per term *laboratory fee* is charged for all 1000-level and 2000-level laboratories.

ADVANCED PLACEMENT

Students may earn a maximum of 6 credits in physics. The department grants 6 credits for a score of 4 or 5 on the AP Physics B exam, but the student is not entitled to any exemptions. The amount of credit is reduced to 3 if the student takes a 1000-level physics course.

The department grants 3 credits for a score of 4 or 5 on the AP Physics C/MECH exam, but the student is not entitled to any exemptions. The amount of credit is reduced to 0 if the student takes PHYS UN1001, PHYS UN1201, PHYS UN1401 or PHYS UN1601.

The department grants 3 credits for a score of 4 or 5 on the AP Physics C/E&M exam, but the student is not entitled to any exemptions. The amount of credit is reduced to 0 if the student takes PHYS UN1001, PHYS UN1202, PHYS UN1402 or PHYS UN1602.

PROFESSORS

Igor Aleiner
Boris Altshuler
Elena Aprile
Dmitri Bassov
Andrei Beloborodov
Allan Blaer (*emeritus*)
Gustaaf Brooijmans
Norman Christ
Brian Cole
Frederik Deneff
Richard Friedberg (*Barnard emeritus*)
Brian Greene (Mathematics)
Miklos Gyulassy (*emeritus*)
Charles J. Hailey
Timothy Halpin-Healy (Barnard)
Sven Hartmann (*emeritus*)
Tony Heinz (*emeritus*)
Emlyn Hughes
Lam Hui
Laura Kay (Barnard Astronomy)
Tsung Dao Lee (*emeritus*)
Yuri Levin
Szabolcs Marka
Robert Mawhinney (Chair)
Andrew Millis
Alfred H. Mueller
Reshmi Mukherjee (Barnard)
John Parsons
Aron Pinczuk (Applied Physics)
Malvin Ruderman
Frank Sciulli (*emeritus*)

Michael Shaevitz
 Michael Tuts
 Yasutomo Uemura
 Erick Weinberg
 William Zajc

ASSOCIATE PROFESSORS

Brian Humensky
 Janna Levin (Barnard)
 Brian Metzger
 Alberto Nicolis
 Abhay Pasupathy
 Ozgur Sahin (Biology)
 Tanya Zelevinsky

ASSISTANT PROFESSORS

Cory Dean
 Bradley Johnson
 Georgia Karagiorgi
 Rachel Rosen
 Sebastian Will

SENIOR LECTURER IN DISCIPLINE

Jeremy Dodd

ADJUNCT PROFESSOR

Morgan May

LECTURER

Burton Budick
 Eric Raymer

ON LEAVE

Amber Miller

GUIDELINES FOR ALL PHYSICS MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Majors and concentrators should plan their programs of study with the director of undergraduate studies before the beginning of the junior year.

Prospective physics majors are strongly encouraged to begin one of the introductory physics sequences in their first year. Majors should aim to acquire as extensive a background in mathematics as possible.

The department considers laboratory experience to be an essential part of the physics curriculum. Majors and concentrators can gain such experience in the intermediate-level laboratories, the electronics laboratory, and through experimental research in faculty research groups.

Grading

A grade of C- or better must be obtained for a course to count toward the majors or the concentration. The grade of P is not acceptable, but a course that was taken P/D/F may be counted if and only if the P is uncovered by the Registrar's deadline.

MAJOR IN PHYSICS

Physics Courses

The major in physics requires a minimum of 41 points in physics courses, including:

Introductory Sequences

Select one of the following sequences:

Sequence A: Students with a limited background in high school physics may elect to take:

PHYS UN1401	INTRO TO MECHANICS #
- PHYS UN1402	THERMO
- PHYS UN2601	and INTRO ELEC/MAGNETISM
	# OPTCS
	and PHYSICS III:CLASS/
	QUANTUM WAVE

Sequence B:

PHYS UN1601	PHYSICS I:MECHANICS/
- PHYS UN1602	RELATIVITY
- PHYS UN2601	and PHYSICS II: THERMO,
	ELEC # MAG
	and PHYSICS III:CLASS/
	QUANTUM WAVE

Sequence C: Students with advanced preparation in both physics and mathematics may be eligible to take:

PHYS UN2801	ACCELERATED PHYSICS I
- PHYS UN2802	and ACCELERATED PHYSICS
	II

Core Physics Courses

PHYS UN3003	MECHANICS
PHYS UN3007	ELECTRICITY-MAGNETISM
PHYS UN3008	ELECTROMAGNETIC WAVES
	# OPTICS
PHYS GU4021	QUANTUM MECHANICS I
PHYS GU4022	QUANTUM MECHANICS II
PHYS GU4023	THERMAL # STATISTICAL
	PHYSICS

Elective Courses

Select at least six points of the following courses:

PHYS UN3002	From Quarks To the Cosmos: Applications of Modern Physics
PHYS GU4003	ADVANCED MECHANICS
PHYS GU4011	PARTICLE ASTROPHYS # COSMOLOGY
PHYS GU4018	SOLID STATE PHYSICS
PHYS GU4019	MATHEMATICAL METHODS OF PHYSICS
PHYS GU4040	INTRO TO GENERAL RELATIVITY

PHYS GU4050 Introduction to Particle Physics

With the permission of the Director of Undergraduate Studies, 4000- or 6000-level courses offered in this or other science departments

Laboratory Work at the Intermediate Level *

Select one of the following options:

Option 1:

PHYS UN3081 INTERMEDIATE
LABORATORY WORK (two
semesters)

PHYS UN3083 ELECTRONICS LABORATORY

Option 2:

PHYS UN3081 INTERMEDIATE
LABORATORY WORK (three
semesters)

Senior Seminar

PHYS UN3072 SEM IN CURRENT RES.
PROBLEMS

*

Approved experimental work with a faculty research group may satisfy one semester of the laboratory requirement.

Mathematics Courses

Calculus through MATH UN1202 CALCULUS IV or MATH UN1208 HONORS MATHEMATICS B; and MATH UN3027 Ordinary Differential Equations or the equivalent.

Recommended cognate courses: MATH UN2010 LINEAR ALGEBRA, MATH UN3007 COMPLEX VARIABLES, and MATH UN3028 PARTIAL DIFFERENTIAL EQUATIONS.

CONCENTRATION IN PHYSICS

The concentration in physics requires a minimum of 24 points in physics, including one of the introductory sequences.

INTERDISCIPLINARY MAJOR

It is also possible to major in astrophysics, biophysics, and chemical physics. Students interested in these areas should consult with the director of undergraduate studies and with cognate departments (astronomy, biological sciences, chemistry).

For astrophysics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/astronomy/#requirementstext>

For biophysics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/biological-sciences/#requirementstext>

For chemical physics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/chemistry/#requirementstext>

PHYS UN1001 PHYSICS FOR POETS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: high school algebra.

Prerequisites: high school algebra. This course does not fulfill the physics requirement for admission to medical school. No previous background in physics is expected. An introduction to physics taught through the exploration of the scientific method, and the application of physical principles to a wide range of topics from quantum mechanics to cosmology

Spring 2023: PHYS UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1001	001/13572	M W 2:40pm - 3:55pm 301 Pupin Laboratories	Szabolcs Marka	3.00	121/160

PHYS UN1018 WEAPONS OF MASS DESTRUCTION. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: high school science and math.

Prerequisites: high school science and math. A review of the history and environmental consequences of nuclear, chemical, and biological weapons of mass destruction (WMD); of how these weapons work, what they cost, how they have spread, how they might be used, how they are currently controlled by international treaties and domestic legislation, and what issues of policy and technology arise in current debates on WMD. What aspects of the manufacture of WMD are easily addressed, and what aspects are technically challenging? It may be expected that current events/headlines will be discussed in class

Spring 2023: PHYS UN1018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1018	001/13580	T Th 2:40pm - 3:55pm 428 Pupin Laboratories	Szabolcs Marka	3.00	62/130

PHYS UN1111 ORIGINS AND MEANING. 3.00 points.

This course is a one-semester journey across cosmological history, from the beginning of time to something akin to its end. We will explore the origin of inanimate physical structures (the cosmos as a whole, as well as that of galaxies, stars, planets, particles, atoms and complex molecules), the origin of life (replicating molecules, the first cells, as well as more complex life forms), the origin of mind (self-reflective conscious awareness) and the origin of culture (language, myth, religion, art, and science). We will then consider what science in particular tells us about the very far future, where we will encounter the likely demise of all complex matter, all life and all consciousness. In the face of such disintegration we will examine the nature of value and purpose. We will recognize that the deepest understanding of reality emerges from blending

all of the accounts we discuss—from the reductionist to the humanist to the cosmological—and only through such amalgamation can we fully grasp the long-standing human search for meaning

PHYS UN1201 GENERAL PHYSICS I. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: some basic background in calculus or be concurrently taking MATH UN1101 Calculus I., The accompanying laboratory is PHYS UN1291-UN1292
Prerequisites: some basic background in calculus or be concurrently taking MATH UN1101 Calculus I. The accompanying laboratory is PHYS UN1291-UN1292 The course will use elementary concepts from calculus. The accompanying laboratory is PHYS UN1291 - UN1292. Basic introduction to the study of mechanics, fluids, thermodynamics, electricity, magnetism, optics, special relativity, quantum mechanics, atomic physics, and nuclear physics

Fall 2022: PHYS UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1201	001/12114	M W 10:10am - 11:25am 301 Pupin Laboratories	Cory Dean	3.00	180/180
PHYS 1201	002/12115	T Th 5:40pm - 6:55pm 301 Pupin Laboratories	Muath Natsheh	3.00	136/180

Spring 2023: PHYS UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1201	001/11906	M W 5:40pm - 6:55pm 428 Pupin Laboratories	Eric Raymer	3.00	114/140

PHYS UN1202 GENERAL PHYSICS II. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: This course will use elementary concepts from calculus. Students should therefore have had some high school calculus, or be concurrently enrolled in MATH UN1101. Taken with accompanying lab PHYS UN1291- PHYS UN1292, the sequence PHYS UN1201- PHYS UN1202 satisfies requirements for medical school.

Prerequisites: This course will use elementary concepts from calculus. Students should therefore have had some high school calculus, or be concurrently enrolled in MATH UN1101. Taken with accompanying lab PHYS UN1291- PHYS UN1292, the sequence PHYS UN1201- PHYS UN1202 satisfies requirements for medical school. Electricity, magnetism, optics, and modern physics

Spring 2023: PHYS UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1202	001/11905	M W 10:10am - 11:25am 301 Pupin Laboratories	John Parsons	3.00	157/160

PHYS 1202	003/13570	T Th 5:40pm - 6:55pm 301 Pupin Laboratories	Michael Shaevitz	3.00	116/160
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PHYS UN1203 GENERAL PHYSICS I - REC. 0.00 points.

Fall 2022: PHYS UN1203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1203	001/12051	M 4:10pm - 5:00pm 511 Hamilton Hall	Cory Dean	0.00	26/25
PHYS 1203	002/12052	M 5:10pm - 6:00pm 511 Hamilton Hall	Cory Dean	0.00	25/25
PHYS 1203	003/12053	M 6:10pm - 7:00pm 511 Hamilton Hall	Cory Dean	0.00	18/25
PHYS 1203	005/12055	T 4:10pm - 5:00pm 511 Hamilton Hall	Cory Dean	0.00	22/25
PHYS 1203	006/12056	T 5:10pm - 6:00pm 511 Hamilton Hall	Cory Dean	0.00	22/25
PHYS 1203	007/12057	T 6:10pm - 7:00pm C01 80 Claremont	Cory Dean	0.00	20/25
PHYS 1203	008/12058	T 7:10pm - 8:00pm C01 80 Claremont	Cory Dean	0.00	16/25
PHYS 1203	009/12059	T 3:10pm - 4:00pm 703 Hamilton Hall	Cory Dean	0.00	24/25
PHYS 1203	011/12061	W 4:10pm - 5:00pm 222 Pupin Laboratories	Muath Natsheh	0.00	20/25
PHYS 1203	012/12062	W 5:10pm - 6:00pm 420 Pupin Laboratories	Muath Natsheh	0.00	17/25
PHYS 1203	013/12063	W 6:10pm - 7:00pm 424 Pupin Laboratories	Muath Natsheh	0.00	11/25
PHYS 1203	014/12064	W 7:10pm - 8:00pm 222 Pupin Laboratories	Muath Natsheh	0.00	13/25
PHYS 1203	015/12065	Th 3:10pm - 4:00pm 214 Pupin Laboratories	Muath Natsheh	0.00	25/25
PHYS 1203	016/12066	Th 4:10pm - 5:00pm 214 Pupin Laboratories	Muath Natsheh	0.00	22/25
PHYS 1203	017/12067	Th 7:10pm - 8:00pm 1102 International Affairs Bldg	Muath Natsheh	0.00	16/25
PHYS 1203	019/12069	W 3:10pm - 4:00pm 401 Chandler	Muath Natsheh	0.00	20/25

Spring 2023: PHYS UN1203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1203	001/13574	M 7:10pm - 8:00pm 425 Pupin Laboratories	Eric Raymer	0.00	22/22
PHYS 1203	002/13575	T 5:10pm - 6:00pm 425 Pupin Laboratories	Eric Raymer	0.00	21/22
PHYS 1203	003/13576	T 6:10pm - 7:00pm 425 Pupin Laboratories	Eric Raymer	0.00	20/22
PHYS 1203	004/13577	W 7:10pm - 8:00pm 425 Pupin Laboratories	Eric Raymer	0.00	24/22
PHYS 1203	005/13578	Th 5:10pm - 6:00pm 329 Uris Hall	Eric Raymer	0.00	19/22

PHYS 1203 006/13579 Th 6:10pm - 7:00pm Eric 0.00 8/22
329 Uris Hall Raymer

PHYS UN1204 GENERAL PHYSICS II - REC. 0.00 points.
Spring 2023: PHYS UN1204

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1204 001/13573		M 4:10pm - 5:00pm 201a Philosophy Hall	John Parsons	0.00	22/22
PHYS 1204 002/13588		M 5:10pm - 6:00pm 201a Philosophy Hall	John Parsons	0.00	22/22
PHYS 1204 003/13581		M 6:10pm - 7:00pm 201a Philosophy Hall	John Parsons	0.00	22/22
PHYS 1204 004/13582		M 7:10pm - 8:00pm 201a Philosophy Hall	John Parsons	0.00	12/22
PHYS 1204 005/13583		T 3:10pm - 4:00pm 337 Seeley W. Mudd Building	John Parsons	0.00	22/22
PHYS 1204 006/13584		T 4:10pm - 5:00pm 313 Pupin Laboratories	John Parsons	0.00	21/22
PHYS 1204 007/13585		T 5:10pm - 6:00pm 313 Pupin Laboratories	John Parsons	0.00	17/22
PHYS 1204 008/13586		T 6:10pm - 7:00pm 313 Pupin Laboratories	John Parsons	0.00	20/22
PHYS 1204 011/13714		W 3:10pm - 4:00pm 224 Pupin Laboratories	Michael Shaevitz	0.00	16/22
PHYS 1204 012/13715		W 4:10pm - 5:00pm C01 80 Claremont	Michael Shaevitz	0.00	16/22
PHYS 1204 014/13717		W 6:10pm - 7:00pm C01 80 Claremont	Michael Shaevitz	0.00	22/22
PHYS 1204 015/13718		W 7:10pm - 8:00pm C01 80 Claremont	Michael Shaevitz	0.00	14/22
PHYS 1204 016/13719		M 3:10pm - 4:00pm C01 80 Claremont	Michael Shaevitz	0.00	17/22
PHYS 1204 017/13720		M 4:10pm - 5:00pm C01 80 Claremont	Michael Shaevitz	0.00	13/22
PHYS 1204 018/13721		M 5:10pm - 6:00pm C01 80 Claremont	Michael Shaevitz	0.00	17/22

PHYS UN1291 GENERAL PHYSICS I LAB. 1.00 point.

Same course as *PHYS W1291x*, but given off-sequence.

Corequisites: PHYS UN1201

Corequisites: PHYS UN1201 This course is the laboratory for the corequisite lecture course and can be taken only during the same term as the corresponding lecture

Fall 2022: PHYS UN1291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1291 001/12135		M 1:00pm - 4:00pm Room TBA	Giuseppina Cambareri	1.00	11/15
PHYS 1291 002/12136		M 1:00pm - 4:00pm Room TBA	Giuseppina Cambareri	1.00	15/15
PHYS 1291 003/12137		M 4:10pm - 7:10pm Room TBA	Giuseppina Cambareri	1.00	7/15
PHYS 1291 004/12138		M 4:10pm - 7:10pm Room TBA	Giuseppina Cambareri	1.00	13/15

PHYS 1291 005/12139 M 7:30pm - 10:30pm
Room TBA Giuseppina Cambareri 1.00 7/15

PHYS 1291 007/12141 T 1:00pm - 4:00pm
Room TBA Giuseppina Cambareri 1.00 13/15

PHYS 1291 008/12142 T 1:00pm - 4:00pm
Room TBA Giuseppina Cambareri 1.00 15/15

PHYS 1291 009/12143 T 4:10pm - 7:10pm
Room TBA Giuseppina Cambareri 1.00 12/15

PHYS 1291 010/12144 T 4:10pm - 7:10pm
Room TBA Giuseppina Cambareri 1.00 7/15

PHYS 1291 011/12145 T 7:30pm - 10:30pm
Room TBA Giuseppina Cambareri 1.00 10/15

PHYS 1291 012/12146 T 7:30pm - 10:30pm
Room TBA Giuseppina Cambareri 1.00 10/15

PHYS 1291 013/12147 W 1:00pm - 4:00pm
Room TBA Giuseppina Cambareri 1.00 13/15

PHYS 1291 014/12148 W 1:00pm - 4:00pm
Room TBA Giuseppina Cambareri 1.00 13/15

PHYS 1291 015/12149 W 4:10pm - 7:10pm
Room TBA Giuseppina Cambareri 1.00 13/15

PHYS 1291 016/12150 W 4:10pm - 7:10pm
Room TBA Giuseppina Cambareri 1.00 12/15

PHYS 1291 017/12151 W 7:30pm - 10:30pm
Room TBA Giuseppina Cambareri 1.00 11/15

PHYS 1291 019/12153 Th 1:00pm - 4:00pm
Room TBA Giuseppina Cambareri 1.00 13/15

PHYS 1291 020/12154 Th 1:00pm - 4:00pm
Room TBA Giuseppina Cambareri 1.00 15/15

PHYS 1291 021/12155 Th 4:10pm - 7:10pm
Room TBA Giuseppina Cambareri 1.00 12/15

PHYS 1291 023/12157 Th 7:30pm - 10:30pm
Room TBA Giuseppina Cambareri 1.00 13/15

PHYS 1291 025/12159 F 1:00pm - 4:00pm
Room TBA Giuseppina Cambareri 1.00 11/15

PHYS 1291 026/12160 F 1:00pm - 4:00pm
Room TBA Giuseppina Cambareri 1.00 9/15

Spring 2023: PHYS UN1291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1291 001/14409		M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	13/15
PHYS 1291 002/14410		M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	11/15
PHYS 1291 003/14411		T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri, Rebecca Grossman	1.00	12/15
PHYS 1291 004/14412		T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri, Rebecca Grossman	1.00	4/15
PHYS 1291 005/14413		W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	14/15
PHYS 1291 007/14414		Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	13/15
PHYS 1291 008/14415		Th 4:10pm - 7:10pm	Giuseppina Cambareri	1.00	8/15

5th Flr Pupin
Laboratories

5th Flr Pupin
Laboratories

PHYS UN1292 GENERAL PHYSICS II LABORATORY.

1.00 point.

Corequisites: PHYS UN1201, PHYS UN1202

Corequisites: PHYS UN1201, PHYS UN1202 This course is the laboratory for the corequisite lecture course (PHYS UN1201 - PHYS UN1202) and can be taken only during the same term as the corresponding lecture

Spring 2023: PHYS UN1292

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1292 001/14416		M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	15/15
PHYS 1292 002/14417		M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	15/15
PHYS 1292 003/14418		M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	13/15
PHYS 1292 004/14419		M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	10/15
PHYS 1292 005/16646		M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri, Rebecca Grossman	1.00	12/15
PHYS 1292 007/14420		T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	14/15
PHYS 1292 008/14421		T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	14/15
PHYS 1292 009/14422		T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	12/15
PHYS 1292 011/16647		T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri, Rebecca Grossman	1.00	7/15
PHYS 1292 013/14424		W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	15/15
PHYS 1292 014/14425		W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	13/15
PHYS 1292 015/14426		W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	15/15
PHYS 1292 017/16648		W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	13/15
PHYS 1292 018/14428		Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	12/15
PHYS 1292 019/14430		Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	14/15
PHYS 1292 020/14429		Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri	1.00	11/15
PHYS 1292 022/16649		Th 7:30pm - 10:30pm	Giuseppina Cambareri	1.00	15/15

PHYS 1292 025/14431

F 1:00pm - 4:00pm
5th Flr Pupin
Laboratories
Giuseppina 1.00 13/15
Cambareri

PHYS UN1401 INTRO TO MECHANICS # THERMO.

3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Corequisites: MATH UN1101

Corequisites: MATH UN1101 Fundamental laws of mechanics, kinematics and dynamics, work and energy, rotational dynamics, oscillations, gravitation, fluids, temperature and heat, gas laws, the first and second laws of thermodynamics.

Corequisite: MATH UN1101 or the equivalent

Fall 2022: PHYS UN1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1401 001/12117		M W 1:10pm - 2:25pm 301 Pupin Laboratories	Jeremy Dodd	3.00	188/180
PHYS 1401 002/12118		T Th 10:10am - 11:25am 301 Pupin Laboratories	Tanya Zelevinsky	3.00	194/180

PHYS UN1402 INTRO ELEC/MAGNETISM # OPTICS. 3.00

points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PHYS UN1401

Corequisites: MATH UN1102

Prerequisites: PHYS W1401. Corequisites: MATH V1102 or the equivalent. Electric fields, direct currents, magnetic fields, alternating currents, electromagnetic waves, polarization, geometrical optics, interference, and diffraction

Spring 2023: PHYS UN1402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1402 001/13589		M W 1:10pm - 2:25pm 301 Pupin Laboratories	Jeremy Dodd	3.00	151/160
PHYS 1402 002/13590		T Th 10:10am - 11:25am 301 Pupin Laboratories	Hector Ochoa	3.00	104/160
PHYS 1402 003/18569		M W 11:40am - 12:55pm 301 Pupin Laboratories	Eric Raymer	3.00	146/160

PHYS UN1403 INTRO-CLASSICAL # QUANTUM WAVES.

3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PHYS UN1402 *PHYS W1402*.

Corequisites: *MATH V1201* or the equivalent.

Prerequisites: PHYS UN1402 PHYS W1402. Corequisites: MATH V1201 or the equivalent. Classical waves and the wave equation, Fourier series and integrals, normal modes, wave-

particle duality, the uncertainty principle, basic principles of quantum mechanics, energy levels, reflection and transmission coefficients, applications to atomic physics

Fall 2022: PHYS UN1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1403	001/12162	M W 11:40am - 12:55pm 301 Pupin Laboratories	Charles Hailey	3.00	125/145

PHYS UN1404 INTRO TO MECH # THERMO - REC. 0.00 points.

Fall 2022: PHYS UN1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1404	001/12070	M 5:10pm - 6:00pm 415 Schapiro Cepser	Jeremy Dodd	0.00	29/30
PHYS 1404	002/12071	M 6:10pm - 7:00pm 415 Schapiro Cepser	Jeremy Dodd	0.00	29/30
PHYS 1404	003/12072	T 5:10pm - 6:00pm C01 Knox Hall	Jeremy Dodd	0.00	35/30
PHYS 1404	004/12073	T 6:10pm - 7:00pm C01 Knox Hall	Jeremy Dodd	0.00	31/30
PHYS 1404	005/12074	W 5:10pm - 6:00pm C01 Knox Hall	Jeremy Dodd	0.00	29/30
PHYS 1404	006/12075	W 6:10pm - 7:00pm C01 Knox Hall	Jeremy Dodd	0.00	23/30
PHYS 1404	007/12076	T 7:10pm - 8:00pm C01 Knox Hall	Jeremy Dodd	0.00	11/30
PHYS 1404	011/12080	T 4:10pm - 5:00pm 307 Uris Hall	Tanya Zelevinsky	0.00	34/30
PHYS 1404	012/12081	T 5:10pm - 6:00pm 307 Uris Hall	Tanya Zelevinsky	0.00	30/30
PHYS 1404	013/12082	T 6:10pm - 7:00pm 307 Uris Hall	Tanya Zelevinsky	0.00	30/30
PHYS 1404	014/13324	W 4:10pm - 5:00pm 332 Uris Hall	Tanya Zelevinsky	0.00	31/25
PHYS 1404	015/13331	W 5:10pm - 6:00pm 332 Uris Hall	Tanya Zelevinsky	0.00	26/25
PHYS 1404	016/13332	W 6:10pm - 7:00pm 332 Uris Hall	Tanya Zelevinsky	0.00	24/25
PHYS 1404	017/13334	W 7:10pm - 8:00pm 332 Uris Hall	Tanya Zelevinsky	0.00	11/25

PHYS UN1405 INTRO ELEC/MAGNETISM/OPT-REC. 0.00 points.

Spring 2023: PHYS UN1405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1405	001/13591	M 5:10pm - 6:00pm 307 Pupin Laboratories	Jeremy Dodd	0.00	22/27
PHYS 1405	002/13592	M 6:10pm - 7:00pm 307 Pupin Laboratories	Jeremy Dodd	0.00	21/27
PHYS 1405	003/13593	T 5:10pm - 6:00pm 414 Pupin Laboratories	Jeremy Dodd	0.00	26/27
PHYS 1405	004/13594	T 6:10pm - 7:00pm C01 80 Claremont	Jeremy Dodd	0.00	19/27

PHYS 1405	005/13595	T 7:10pm - 8:00pm C01 80 Claremont	Jeremy Dodd	0.00	14/27
PHYS 1405	006/13596	W 5:10pm - 6:00pm 414 Pupin Laboratories	Jeremy Dodd	0.00	21/27
PHYS 1405	007/13597	W 6:10pm - 7:00pm 414 Pupin Laboratories	Jeremy Dodd	0.00	19/27
PHYS 1405	009/13713	M 7:10pm - 8:00pm 307 Pupin Laboratories	Jeremy Dodd	0.00	9/27
PHYS 1405	011/13598	T 4:10pm - 5:00pm 307 Pupin Laboratories	Hector Ochoa	0.00	27/27
PHYS 1405	012/13599	T 5:10pm - 6:00pm 467 Ext Schermerhorn Hall	Hector Ochoa	0.00	20/27
PHYS 1405	013/13600	T 6:10pm - 7:00pm 301m Fayerweather	Hector Ochoa	0.00	8/27
PHYS 1405	014/13601	W 3:10pm - 4:00pm 516 Hamilton Hall	Hector Ochoa	0.00	16/27
PHYS 1405	015/13602	W 4:10pm - 5:00pm 307 Pupin Laboratories	Hector Ochoa	0.00	19/27
PHYS 1405	016/13603	W 5:10pm - 6:00pm 307 Pupin Laboratories	Hector Ochoa	0.00	14/27
PHYS 1405	021/18808	M 4:10pm - 5:00pm 103 Knox Hall	Eric Raymer	0.00	26/27
PHYS 1405	022/18809	M 5:10pm - 6:00pm 103 Knox Hall	Eric Raymer	0.00	16/27
PHYS 1405	023/18810	T 4:10pm - 5:00pm 103 Knox Hall	Eric Raymer	0.00	27/27
PHYS 1405	024/18811	T 5:10pm - 6:00pm 103 Knox Hall	Eric Raymer	0.00	29/27
PHYS 1405	025/18812	W 4:10pm - 5:00pm 103 Knox Hall	Eric Raymer	0.00	27/27
PHYS 1405	026/18813	W 5:10pm - 6:00pm 103 Knox Hall	Eric Raymer	0.00	19/27

PHYS UN1493 INTRO TO EXPERIMENTAL PHYS-LAB. 3.00 points.

PHYS UN1494 INTRO TO EXPERIMENTAL PHYS-LAB. 3.00 points.

Prerequisites: PHYS UN1401 and PHYS UN1402
Prerequisites: PHYS W1401 and W1402. Laboratory work associated with the two prerequisite lecture courses. Experiments in mechanics, thermodynamics, electricity, magnetism, optics, wave motion, atomic physics, and nuclear physics. Note: Students cannot receive credit for both PHYS W1493 and W1494

Fall 2022: PHYS UN1494

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1494	001/12092	M 2:40pm - 3:40pm 428 Pupin Laboratories	Giuseppina Cambareri, Emily Tiberi	3.00	15/15
PHYS 1494	001/12092	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina Cambareri, Emily Tiberi	3.00	15/15
PHYS 1494	002/12093	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	8/15

	428 Pupin Laboratories	Emily Tiberi					5th Flr Pupin Laboratories	Emily Tiberi		
PHYS 1494 002/12093	M 7:30pm - 10:30pm	Giuseppina Cambareri,	3.00	8/15	PHYS 1494 011/12102	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	12/15	
	5th Flr Pupin Laboratories	Emily Tiberi				428 Pupin Laboratories	Emily Tiberi			
PHYS 1494 003/12094	T 1:00pm - 4:00pm	Giuseppina Cambareri,	3.00	13/15	PHYS 1494 012/12103	F 1:00pm - 4:00pm	Giuseppina Cambareri,	3.00	10/15	
	5th Flr Pupin Laboratories	Emily Tiberi				5th Flr Pupin Laboratories	Emily Tiberi			
PHYS 1494 003/12094	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	13/15	PHYS 1494 012/12103	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	10/15	
	428 Pupin Laboratories	Emily Tiberi				428 Pupin Laboratories	Emily Tiberi			
PHYS 1494 004/12095	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	11/15	Spring 2023: PHYS UN1494					
	428 Pupin Laboratories	Emily Tiberi			Course	Section/Call	Times/Location	Instructor	Points	
					Number	Number			Enrollment	
PHYS 1494 004/12095	T 4:10pm - 7:10pm	Giuseppina Cambareri,	3.00	11/15	PHYS 1494 001/13668	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	15/15	
	5th Flr Pupin Laboratories	Emily Tiberi				428 Pupin Laboratories	Emily Tiberi			
PHYS 1494 005/12096	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	11/15	PHYS 1494 001/13668	M 4:10pm - 7:10pm	Giuseppina Cambareri,	3.00	15/15	
	428 Pupin Laboratories	Emily Tiberi				5th Flr Pupin Laboratories	Emily Tiberi			
PHYS 1494 005/12096	T 7:30pm - 10:30pm	Giuseppina Cambareri,	3.00	11/15	PHYS 1494 002/13669	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	14/15	
	5th Flr Pupin Laboratories	Emily Tiberi				428 Pupin Laboratories	Emily Tiberi			
PHYS 1494 006/12097	W 1:00pm - 4:00pm	Giuseppina Cambareri,	3.00	15/15	PHYS 1494 002/13669	M 7:30pm - 10:30pm	Giuseppina Cambareri,	3.00	14/15	
	5th Flr Pupin Laboratories	Emily Tiberi				5th Flr Pupin Laboratories	Emily Tiberi			
PHYS 1494 006/12097	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	15/15	PHYS 1494 003/13674	T 1:00pm - 4:00pm	Giuseppina Cambareri,	3.00	14/15	
	428 Pupin Laboratories	Emily Tiberi				5th Flr Pupin Laboratories	Emily Tiberi			
PHYS 1494 007/12098	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	14/15	PHYS 1494 003/13674	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	14/15	
	428 Pupin Laboratories	Emily Tiberi				428 Pupin Laboratories	Emily Tiberi			
PHYS 1494 007/12098	W 4:10pm - 7:10pm	Giuseppina Cambareri,	3.00	14/15	PHYS 1494 004/13675	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	11/15	
	5th Flr Pupin Laboratories	Emily Tiberi				428 Pupin Laboratories	Emily Tiberi			
PHYS 1494 008/12099	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	9/15	PHYS 1494 004/13675	T 4:10pm - 7:10pm	Giuseppina Cambareri,	3.00	11/15	
	428 Pupin Laboratories	Emily Tiberi				5th Flr Pupin Laboratories	Emily Tiberi			
PHYS 1494 008/12099	W 7:30pm - 10:30pm	Giuseppina Cambareri,	3.00	9/15	PHYS 1494 006/13677	W 1:00pm - 4:00pm	Giuseppina Cambareri,	3.00	14/15	
	5th Flr Pupin Laboratories	Emily Tiberi				5th Flr Pupin Laboratories	Emily Tiberi			
PHYS 1494 009/12100	Th 1:00pm - 4:00pm	Giuseppina Cambareri,	3.00	14/15	PHYS 1494 006/13677	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	14/15	
	5th Flr Pupin Laboratories	Emily Tiberi				428 Pupin Laboratories	Emily Tiberi			
PHYS 1494 009/12100	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	14/15	PHYS 1494 007/13678	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	11/15	
	428 Pupin Laboratories	Emily Tiberi				428 Pupin Laboratories	Emily Tiberi			
PHYS 1494 010/12101	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	14/15	PHYS 1494 007/13678	W 4:10pm - 7:10pm	Giuseppina Cambareri,	3.00	11/15	
	428 Pupin Laboratories	Emily Tiberi				5th Flr Pupin Laboratories	Emily Tiberi			
PHYS 1494 010/12101	Th 4:10pm - 7:10pm	Giuseppina Cambareri,	3.00	14/15	PHYS 1494 010/13681	M 2:40pm - 3:40pm	Giuseppina Cambareri,	3.00	13/15	
						428 Pupin Laboratories				

PHYS 1494 010/13681	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Emily Tiberi Giuseppina Cambareri, Emily Tiberi	3.00	13/15
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PHYS UN1601 PHYSICS I:MECHANICS/RELATIVITY. 3.50 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Corequisite: MATH UN1102 Calculus II or equivalent.

Prerequisites: Corequisite: MATH UN1102 Calculus II or equivalent. Fundamental laws of mechanics, kinematics and dynamics, work and energy, rotational dynamics, oscillations, gravitation, fluids, introduction to special relativity and relativistic kinematics. The course is preparatory for advanced work in physics and related fields

Fall 2022: PHYS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1601	001/12104	T Th 10:10am - 11:25am 428 Pupin Laboratories	Brian Cole	3.50	88/150

PHYS UN1602 PHYSICS II: THERMO, ELEC # MAG. 3.50 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PHYS UN1601 Corequisite: MATH UN1201 or equivalent.

Prerequisites: PHYS UN1601 Corequisite: MATH UN1201 or equivalent. Temperature and heat, gas laws, the first and second laws of thermodynamics, kinetic theory of gases, electric fields, direct currents, magnetic fields, alternating currents, electromagnetic waves. The course is preparatory for advanced work in physics and related fields

Spring 2023: PHYS UN1602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1602	001/13606	T Th 10:10am - 11:25am 428 Pupin Laboratories	Brian Cole	3.50	62/140

PHYS UN1603 PHYSICS I:MECHANICS/RELATIVITY- REC. 0.00 points.

Fall 2022: PHYS UN1603

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1603	001/12119	T 4:10pm - 5:25pm 332 Uris Hall	Brian Cole	0.00	20/30
PHYS 1603	002/12120	T 5:40pm - 6:55pm 332 Uris Hall	Brian Cole	0.00	12/30
PHYS 1603	003/12121	W 4:10pm - 5:25pm 233 Seeley W. Mudd Building	Brian Cole	0.00	22/30
PHYS 1603	004/12122	W 5:40pm - 6:55pm 233 Seeley W. Mudd Building	Brian Cole	0.00	8/30
PHYS 1603	005/12123	Th 4:10pm - 5:25pm	Brian Cole	0.00	26/30

602 Northwest
Corner

PHYS UN1604 PHYSICS II:THERMO,ELEC/MAG-REC. 0.00 points.

Spring 2023: PHYS UN1604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1604	001/13664	T 4:10pm - 5:25pm 516 Hamilton Hall	Brian Cole	0.00	19/27
PHYS 1604	002/13665	T 5:40pm - 6:55pm C01 Knox Hall	Brian Cole	0.00	8/27
PHYS 1604	003/13666	W 4:10pm - 5:25pm 233 Seeley W. Mudd Building	Brian Cole	0.00	20/27
PHYS 1604	005/13667	Th 4:10pm - 5:25pm 302 Fayerweather	Brian Cole	0.00	10/27

PHYS UN2001 SPECIAL RELATIVITY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: a working knowledge of high school algebra, trigonometry, and physics. Some familiarity with calculus is useful but not essential.

This course is a comprehensive, one-semester introduction to the essential ideas and mathematical structures underlying Einstein's Special Theory of Relativity. Among the topics covered will be: the relativity of simultaneity, time dilation, Lorentz contraction, velocity combination laws, time dilation over large distances, the Lorentz transformation, spacetime diagrams, the basic (seeming) paradoxes of special relativity, relativistic equations of motion and $E = mc^2$.

PHYS UN2601 PHYSICS III:CLASS/QUANTUM WAVE. 3.50 points.

Prerequisites: PHYS UN1402 or PHYS UN1602 Corequisite: MATH UN1202 or equivalent.

Prerequisites: PHYS UN1402 or PHYS UN1602 Corequisite: MATH UN1202 or equivalent. Classical waves and the wave equation, geometrical optics, interference and diffraction, Fourier series and integrals, normal modes, wave-particle duality, the uncertainty principle, basic principles of quantum mechanics, energy levels, reflection and transmission coefficients, the harmonic oscillator. The course is preparatory for advanced work in physics and related fields

Fall 2022: PHYS UN2601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2601	001/12105	M W 2:40pm - 3:55pm 329 Pupin Laboratories	Sebastian Will	3.50	56/100

PHYS UN2603 Physics III: Class/Quantum Wave - Rec. 0.00 points.

Fall 2022: PHYS UN2603

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2603	001/12166	M 5:10pm - 6:00pm 313 Pupin Laboratories	Sebastian Will	0.00	24/25

PHYS 2603 002/12167	T 5:10pm - 6:00pm	Sebastian	0.00	14/25
	308a Lewisohn Hall	Will		
PHYS 2603 003/12168	W 5:10pm - 6:00pm	Sebastian	0.00	19/25
	222 Pupin	Will		
	Laboratories			

PHYS UN2699 Experiments in Classical and Modern Physics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PHYS UN1601 or PHYS UN1401) and (PHYS UN1602 or PHYS UN1402) and PHYS UN2601 *PHYS W1601* (or *W1401*), *W1602* (or *W1402*), and *W2601*.

Laboratory work associated with the three prerequisite lecture courses. Experiments in mechanics, thermodynamics, electricity, magnetism, optics, wave motion, atomic physics, and nuclear physics.

PHYS UN2801 ACCELERATED PHYSICS I. 4.50 points.

Prerequisites: Advanced Placement in physics and mathematics, or the equivalent, and the instructor's permission. (A special placement meeting is held during Orientation.)

Prerequisites: Advanced Placement in physics and mathematics, or the equivalent, and the instructor's permission. (A special placement meeting is held during Orientation.) This accelerated two-semester sequence covers the subject matter of PHYS UN1601, PHYS UN1602 and PHYS UN2601, and is intended for those students who have an exceptionally strong background in both physics and mathematics. The course is preparatory for advanced work in physics and related fields. There is no accompanying laboratory; however, students are encouraged to take the intermediate laboratory, PHYS UN3081, in the following year

Fall 2022: PHYS UN2801

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2801	001/12161	T Th 10:10am - 12:00pm 329 Pupin Laboratories	Norman Christ	4.50	39/100

PHYS UN2802 ACCELERATED PHYSICS II. 4.50 points.

Prerequisites: PHYS UN2801

Prerequisites: PHYS UN2801 This accelerated two-semester sequence covers the subject matter of PHYS UN1601, PHYS UN1602 and PHYS UN2601, and is intended for those students who have an exceptionally strong background in both physics and mathematics. The course is preparatory for advanced work in physics and related fields. There is no accompanying laboratory; however, students are encouraged to take the intermediate laboratory, PHYS UN3081, in the following year

Spring 2023: PHYS UN2802

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2802	001/13607	T Th 10:10am - 12:00pm 329 Pupin Laboratories	Norman Christ	4.50	29/60

PHYS UN2803 ACCELERATED PHYSICS I-REC. 0.00 points.

PHYS UN2804 ACCELERATED PHYSICS II-REC. 0.00 points.

Required discussion section for PHYS UN2802 Accelerated Physics II

PHYS UN3002 From Quarks To the Cosmos: Applications of Modern Physics. 3.5 points.

Not offered during 2022-23 academic year.

Prerequisites: PHYS UN2601 or PHYS UN2802

This course reinforces basic ideas of modern physics through applications to nuclear physics, high energy physics, astrophysics and cosmology. The ongoing Columbia research programs in these fields are used as practical examples. The course is preparatory for advanced work in physics and related fields.

PHYS UN3003 MECHANICS. 3.00 points.

Prerequisites: general physics, and differential and integral calculus.

Prerequisites: general physics, and differential and integral calculus. Newtonian mechanics, oscillations and resonance, conservative forces and potential energy, central forces, non-inertial frames of reference, rigid body motion, an introduction to Lagrange's formulation of mechanics, coupled oscillators, and normal modes

Spring 2023: PHYS UN3003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3003	001/13608	M W 10:10am - 11:25am 329 Pupin Laboratories	Cory Dean	3.00	65/75

PHYS UN3007 ELECTRICITY-MAGNETISM. 3.00 points.

Prerequisites: general physics, and differential and integral calculus.

Prerequisites: general physics, and differential and integral calculus. Electrostatics and magnetostatics, Laplace's equation and boundary-value problems, multipole expansions, dielectric and magnetic materials, Faraday's law, AC circuits, Maxwell's equations, Lorentz covariance, and special relativity

Fall 2022: PHYS UN3007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3007	001/12085	M W 11:40am - 12:55pm 329 Pupin Laboratories	William Zajc	3.00	67/100

PHYS UN3008 ELECTROMAGNETIC WAVES # OPTICS. 3.00 points.

Prerequisites: PHYS UN3008

Prerequisites: PHYS UN3008 Maxwells equations and electromagnetic potentials, the wave equation, propagation of plane waves, reflection and refraction, geometrical optics, transmission lines, wave guides, resonant cavities, radiation, interference of waves, and diffraction

Spring 2023: PHYS UN3008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3008	001/13609	M W 11:40am - 12:55pm 329 Pupin Laboratories	William Zajc	3.00	53/75

PHYS UN3072 SEM IN CURRENT RES. PROBLEMS.**2.00 points.**

A detailed study of a selected field of active research in physics. The motivation, techniques, and results obtained to the present, as well as the difficulties and unsolved problems. For Physics majors only. Priority given to seniors; juniors by permission of the instructor

Spring 2023: PHYS UN3072

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3072	001/13610	M 5:00pm - 6:30pm 414 Pupin Laboratories	Kerstin Perez	2.00	25/30

PHYS UN3081 INTERMEDIATE LABORATORY WORK. 2.00 points.

May be repeated for credit by performing different experiments. The laboratory has available fifteen individual experiments, of which two are required per 2 points.

Prerequisites: phys UN2601 or phys un2802 Primarily for junior and senior physics majors; other majors must obtain the instructor's permission.

Prerequisites: phys UN2601 or phys un2802 Primarily for junior and senior physics majors; other majors must obtain the instructors permission. Each experiment is chosen by the student in consultation with the instructor. Each section meets one afternoon per week, with registration in each section limited by the laboratory capacity. Experiments (classical and modern) cover topics in electricity, magnetism, optics, atomic physics, and nuclear physics

Fall 2022: PHYS UN3081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3081	001/12106	W 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2.00	12/12
PHYS 3081	002/12107	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2.00	12/12
PHYS 3081	003/12108	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2.00	14/15

Spring 2023: PHYS UN3081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3081	002/14977	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Sebastian Will	2.00	12/16
PHYS 3081	003/13611	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2.00	14/16

PHYS UN3083 ELECTRONICS LABORATORY. 3.00 points.

Enrollment limited to the capacity of the laboratory.

Prerequisites: PHYS UN3003 or PHYS UN3007 May be taken before or concurrently with this course.

Prerequisites: PHYS UN3003 or PHYS UN3007 May be taken before or concurrently with this course. A sequence of experiments in solid-state electronics, with introductory lectures

Spring 2023: PHYS UN3083

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3083	001/13612	M W 1:10pm - 4:00pm 513 Pupin Laboratories	John Parsons	3.00	11/14

PHYS UN3084 Quantum Simulation and Computing Lab. 3.00 points.

The “Quantum Simulation and Computing Lab” will give students hands-on experience in quantum optics, quantum simulation and quantum computing. The course combines lectures, tutorials, and two lab sections. In one lab section, students will do experiments with entangled photons. In the second lab section, students will program quantum computers and run algorithms on them using the IBM Qiskit platform. The course starts with a recap of linear algebra and quantum mechanics, followed by an introduction to quantum optics and quantum information. Two-level systems, Bloch sphere, quantum gates, and elementary quantum algorithms will be discussed. Quantum teleportation and quantum key distribution will be introduced as applications of entanglement. The lecture content will be directly applied in experiments with entangled photons. In the following, state-of-the-art quantum algorithms will be discussed, related to cutting-edge research results in quantum computing. This includes quantum Fourier transform, quantum simulation of the Schrodinger equation, and the variational quantum eigensolver (VQE) algorithm. During the course students will do one experimental project with entangled photons and one quantum programming project. Students will be guided to implement a quantum algorithm of their choice and run it on a quantum computer (IBM, IonQ, QuEra)

PHYS UN3500 SUPERVISED READINGS IN PHYSICS. 3.00 points.

Prerequisites: the written permission of the faculty member who agrees to act as supervisor, and the director of undergraduate studies permission. Readings in a selected field of physics under the supervision of a faculty member. Written reports and periodic conferences with the instructor

Fall 2022: PHYS UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3500	001/12109		Jeremy Dodd	3.00	1/3

Spring 2023: PHYS UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PHYS 3500 001/13613 Jeremy 3.00 1/10
Dodd

PHYS UN3900 SUPERVISED INDIVIDUAL RESEARCH. 1.00-5.00 points.

Prerequisites: Permission of the departmental representative required. For specially selected students, the opportunity to do a research problem in contemporary physics under the supervision of a faculty member. Each year several juniors are chosen in the spring to carry out such a project beginning in the autumn term. A detailed report on the research is presented by the student when the project is complete

Fall 2022: PHYS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3900	001/12125		Jeremy Dodd	1.00-5.00	2/20

Spring 2023: PHYS UN3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3900	001/13614		Jeremy Dodd	1.00-5.00	7/20

PHYS GU4003 ADVANCED MECHANICS. 3.00 points.

Prerequisites: differential and integral calculus, differential equations, and PHYS UN3003 or the equivalent.

Prerequisites: differential and integral calculus, differential equations, and PHYS UN3003 or the equivalent. Lagranges formulation of mechanics, calculus of variations and the Action Principle, Hamiltons formulation of mechanics, rigid body motion, Euler angles, continuum mechanics, introduction to chaotic dynamics

Spring 2023: PHYS GU4003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4003	001/13615	T Th 4:10pm - 5:25pm 214 Pupin Laboratories	Andrei Beloborodov	3.00	14/30

PHYS GU4011 PARTICLE ASTROPHYS # COSMOLOGY. 3.00 points.

Prerequisites: (PHYS UN1403 or PHYS UN2601 or PHYS UN2802) and (MATH UN1202 or MATH UN1208) students are recommended but not required to have taken PHYS UN3003 and PHYS UN3007.

Prerequisites: (PHYS UN1403 or PHYS UN2601 or PHYS UN2802) and (MATH UN1202 or MATH UN1208) students are recommended but not required to have taken PHYS UN3003 and PHYS UN3007. An introduction to the basics of particle astrophysics and cosmology. Particle physics - introduction to the Standard Model and supersymmetry/higher dimension theories; Cosmology – Friedmann-Robertson-Walker line element and equation for expansion of universe; time evolution of energy/matter density from the Big Bang; inflationary cosmology; microwave background theory and observation; structure formation; dark energy; observational tests of geometry of universe and expansion; observational evidence for dark matter; motivation for existence of dark matter from particle physics; experimental searches of dark

matter; evaporating and primordial black holes; ultra-high energy phenomena (gamma-rays and cosmic-rays)

Spring 2023: PHYS GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4011	001/13616	M W 2:40pm - 3:55pm 214 Pupin Laboratories	Charles Hailey	3.00	29/40

PHYS GU4012 STRING THEORY. 3.00 points.

Prerequisites: PHYS UN3003 and PHYS UN3008 and PHYS GU4021 . PHYS GU4023 would be helpful but is not required. Students should have some familiarity with tools for graphical presentation and numeric problem solving such as Mathematica and/or MatLab.

This course is intended as an introduction to string theory for undergraduates. No advanced graduate-level preparation is assumed, and the material will be covered at (no higher than) the advanced undergraduate level. Advanced topics such as supersymmetry, T-duality, and covariant quantization will not be covered. The focus will be on the dynamics of classical and quantum mechanical strings, with an emphasis on integrating undergraduate material in classical mechanics, relativity, electrodynamics and quantum mechanics.

PHYS GU4018 SOLID STATE PHYSICS. 3.00 points.

Prerequisites: PHYS GU4021 and PHYS GU4023 or the equivalent.

Prerequisites: PHYS GU4021 and PHYS GU4023 or the equivalent. Introduction to solid-state physics: crystal structures, properties of periodic lattices, electrons in metals, band structure, transport properties, semiconductors, magnetism, and superconductivity

Spring 2023: PHYS GU4018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4018	001/13617	T Th 2:40pm - 3:55pm 420 Pupin Laboratories	James McIver	3.00	21/30

PHYS GU4019 MATHEMATICAL METHODS OF PHYSICS. 3.00 points.

Prerequisites: PHYS UN3003 and PHYS UN3007 and differential and integral calculus; linear algebra; or the instructor's permission.

Prerequisites: PHYS UN3003 and PHYS UN3007 and differential and integral calculus; linear algebra; or the instructor's permission. This course will present a wide variety of mathematical ideas and techniques used in the study of physical systems. Topics will include: ordinary and partial differential equations; generalized functions; integral transforms; Green's functions; nonlinear equations, chaos, and solitons; Hilbert space and linear operators; Feynman path integrals; Riemannian manifolds; tensor analysis; probability and statistics. There will also be a discussion of applications to classical mechanics, fluid dynamics, electromagnetism, plasma physics, quantum mechanics, and general relativity

Fall 2022: PHYS GU4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4019	001/12110	T Th 4:10pm - 5:25pm 414 Pupin Laboratories	Frederik Deneff	3.00	10/40

PHYS GU4021 QUANTUM MECHANICS I. 3.00 points.

Prerequisites: PHYS UN3003 and PHYS UN3007

Prerequisites: PHYS UN3003 and PHYS UN3007 Formulation of quantum mechanics in terms of state vectors and linear operators. Three dimensional spherically symmetric potentials. The theory of angular momentum and spin. Identical particles and the exclusion principle. Methods of approximation. Multi-electron atoms

Fall 2022: PHYS GU4021

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4021	001/12086	M W 1:10pm - 2:25pm 329 Pupin Laboratories	Emlyn Hughes	3.00	48/100

PHYS GU4022 QUANTUM MECHANICS II. 3.00 points.

Prerequisites: PHYS GU4021. Formulation of quantum mechanics in terms of state vectors and linear operators, three-dimensional spherically symmetric potentials, the theory of angular momentum and spin, time-independent and time-dependent perturbation theory, scattering theory, and identical particles. Selected phenomena from atomic physics, nuclear physics, and elementary particle physics are described and then interpreted using quantum mechanical models

Spring 2023: PHYS GU4022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4022	001/13618	T Th 10:10am - 11:25am 420 Pupin Laboratories	Ana Asenjo Garcia	3.00	39/60

PHYS GU4023 THERMAL & STATISTICAL PHYSICS. 3.00 points.

Prerequisites: PHYS GU4021 or the equivalent.

Prerequisites: PHYS GU4021 or the equivalent.

Thermodynamics, kinetic theory, and methods of statistical mechanics; energy and entropy; Boltzmann, Fermi, and Bose distributions; ideal and real gases; blackbody radiation; chemical equilibrium; phase transitions; ferromagnetism

Fall 2022: PHYS GU4023

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4023	001/12126	M W 2:40pm - 3:55pm 420 Pupin Laboratories	Gustaaf Brooijmans	3.00	39/50

PHYS GU4024 Applied Quantum Mechanics. 3 points.

Prerequisites: (PHYS GU4021 and PHYS GU4022)

In this course, we will learn how the concepts of quantum mechanics are applied to real physical systems, and how they enable novel applications in quantum optics and

quantum information. We will start with microscopic, elementary quantum systems – electrons, atoms, and ions – and understand how light interacts with atoms. Equipped with these foundations, we will discuss fundamental quantum applications, such as atomic clocks, laser cooling and ultracold quantum gases – a synthetic form of matter, cooled down to just a sliver above absolute zero temperature. This leads us to manybody quantum systems. We will introduce the quantum physics of insulating and metallic behavior, superfluidity and quantum magnetism – and demonstrate how the corresponding concepts apply both to real condensed matter systems and ultracold quantum gases. The course will conclude with a discussion of the basics of quantum information science – bringing us to the forefront of today's quantum applications.

PHYS GU4040 INTRO TO GENERAL RELATIVITY. 3.00 points.

Prerequisites: PHYS UN3003 and PHYS UN3007 or the equivalent.

Prerequisites: PHYS UN3003 and PHYS UN3007 or the equivalent. Tensor algebra, tensor analysis, introduction to Riemann geometry. Motion of particles, fluid, and fields in curved spacetime. Einstein equation. Schwarzschild solution; test-particle orbits and light bending. Introduction to black holes, gravitational waves, and cosmological models

Fall 2022: PHYS GU4040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4040	001/12163	T Th 2:40pm - 3:55pm 414 Pupin Laboratories	Yury Levin	3.00	16/40

PHYS GU4050 Introduction to Particle Physics. 3.00 points.

Prerequisites: PHYS UN2601 or PHYS UN2802 or the equivalent.

Prerequisites: PHYS UN2601 or PHYS UN2802 or the equivalent. This course covers the Standard Model of Particle Physics, including its conception, successes, and limitations, with the goal of introducing upper-level physics majors to the foundations and current status of particle physics as a field of research. Specific topics to be covered include: historical introduction and review of the Standard Model; particle interactions and particle dynamics; relativistic kinematics; Feynman calculus, quantum electrodynamics, quantum chromodynamics, and weak interactions; electroweak unification and the Higgs mechanism; neutrino oscillations; and beyond-standard model physics and evidence. Along the way, students will research special topics and familiarize themselves with particle physics research

PHYS GU4051 ADVANCED LABORATORY WORK. 2.00 points.

Prerequisites: the instructors permission. The laboratory has 13 available individual experiments, of which two are required per 2 points. Each experiment requires two (four-hour) laboratory sessions. Registration is limited by the laboratory capacity. May be repeated for credit with different experiment selection.

Experiments (classical and modern) cover topics in electricity, magnetism, optics, atomic physics, and nuclear physics

PHYS GU4998 SUPERVISED READINGS. 3.00 points.

POLITICAL SCIENCE

Departmental Office: 710 International Affairs Building;
212-854-3707

<http://www.polisci.columbia.edu>

Director of Undergraduate Studies:

Prof. Robert Shapiro, 730 International Affairs Building;
212-854-3955; rys3@columbia.edu

Economics-Political Science Advisers:

Economics: Prof. Susan Elmes, Director of Undergraduate Studies, 1006 International Affairs Building;
se5@columbia.edu

Political Science: Prof. Carlo Prato, 718 International Affairs Building; 212-854-7540; cp2928@columbia.edu

Political Science-Statistics Advisers:

Political Science: Prof. Naoki Egami, 734 International Affairs Building; 212-854-3623; naoki.egami@columbia.edu

Statistics: Prof. Ronald Neath, 612 West 115th Street, Room 612; 212-853-1398; rcn2112@columbia.edu

Statistics: Prof. Gabriel Young, 612 West 115th Street, Room 614; 212-853-1395; gij2107@columbia.edu

The discipline of political science focuses on issues of power and governance and, in particular, on political institutions, both formal and informal. It also focuses on political behavior, political processes, political economy, and state-society relations.

The field consists of four substantive subfields: *American politics*, which covers such topics as national and local politics, elections, and constitutional law; *comparative politics*, which aims at understanding the political systems of other countries, both by studying individual states and by engaging in cross-national comparisons; *international relations*, which deals with the ways that states and other political actors behave in the international arena, including such topics as security, foreign policies, international organizations, and international economic relations; and *political theory*, which analyzes the history of normative political thought as well as of analytic concepts such as the nature of justice or liberty.

Other broad topics, such as “political economy,” or the study of the relationships between economic and political processes, overlap with the subfields, but also constitute a separate program (see below). Methodology, including statistical analysis and formal modeling, also occupies an important place in the discipline.

ADVANCED PLACEMENT

The department grants credit toward the major for work completed under the College Entrance Examination Board (CEEB) Advanced Placement Program. Students receive 3 academic credits and exemption from POLS UN1201 INTRO TO AMERICAN POLITICS or POLS UN1501 INTRO TO COMPARATIVE POLITICS for scores of 5 in the United States and Comparative Government and Politics AP Exams.

ADVISING

The Department of Political Science offers a variety of advising resources to provide undergraduate majors and concentrators with the information and support needed to successfully navigate through the program. These resources are described below.

Undergraduate Advising Office

Students should take questions or concerns about the undergraduate program to the department's undergraduate advising office first. If advisers cannot answer a student's question, they then refer the student to the appropriate person.

The undergraduate advising office is staffed by political science Ph.D. students who hold open office hours each week (the schedule can be found online at <https://polisci.columbia.edu/content/undergraduate-advising>). During open hours, advisers are available to respond to questions and concerns about requirements, course selection, course of study, transfer and study abroad credit, and any other aspect of the program. Students may also reach advisers by email at polisciadvising@columbia.edu.

Students should also consult the undergraduate advisers for assistance in completing the political science program planning form (available online at <https://polisci.columbia.edu/content/undergraduate-forms-library>). The advisers must sign and date this form in the approval column next to any listed class that requires approval to fulfill program requirements (transfer courses, non-traditional courses, etc.). Each student's planning form is kept on file in the department, so that each semester they may meet with an adviser to update it.

The advisers are also available to speak with students about academic and professional issues, including research interests, internships, and post-college plans. Since the advisers have been through the graduate school application process, they are great resources with whom students may discuss the process. Also, as current Ph.D. students in the department, they are familiar with the research interests of political science faculty and can therefore refer students to a professor whose research aligns with the students' interests for focused thesis advice, information about academic, professional, and research opportunities, or professional development.

Requesting a Faculty Adviser

Often the best way for students to obtain advising from a faculty member is to contact a professor with whom they have taken a class in an area of interest. Students also have the option of having a faculty adviser assigned by the department. To request a faculty adviser, students should complete the Faculty Adviser Request Form and submit it to the undergraduate coordinator during the first two weeks of the semester. The link to the current adviser request form may be found in the undergraduate forms library on the department website.

Students may consult with their faculty adviser for any substantive issue, but still must visit walk-in advising hours to have courses approved, to have planning forms reviewed and approved, and to discuss departmental requirements and regulations.

Director of Undergraduate Studies

The director of undergraduate studies oversees the department's undergraduate programs and is available during office hours. While a student's first stop for advising should be the undergraduate advising office, the director of undergraduate studies is available to answer any questions that the undergraduate advisers or the undergraduate coordinator cannot.

Economics–Political Science Adviser

Economics–political science majors may consult with the economics–political science adviser during office hours. However, students should also see an undergraduate adviser to discuss major requirements and fill out a planning form.

Political Science–Statistics Adviser

Political science–statistics majors may consult with the political science–statistics adviser during office hours. However, students should also see an undergraduate adviser to discuss major requirements and fill out a planning form.

Faculty At-Large

All faculty are available for consultation with students during office hours or by appointment to discuss interests in political science, course selection, and other academic or post-college matters. The faculty may provide advice about graduate schools, suggest literature that the student might consult as sources for research, recommend specific courses or professors based on the student's interests, or offer information about research opportunities with faculty. However, students should note that any issues surrounding departmental regulations and requirements, major certification, course approvals, etc., should be addressed initially with the undergraduate advisers.

HONORS PROGRAM

The department offers the Honors Program for a limited number of seniors who want to undertake substantial research

projects and write honors theses. The honors thesis is expected to be about 75 pages in length and of exceptional quality.

Honors students perform research as part of a full-year honors seminar (POLS UN3998-POLS UN3999, 8 points total) during their senior year, in place of the seminar requirement for majors. Honors students may, however, take additional seminars to fulfill other course requirements for the major. Theses are due in late March or early April. To be awarded departmental honors, the student must satisfy all the requirements for the major, maintain a 3.6 GPA in the major, and complete a thesis of sufficiently high quality to merit honors.

The honors seminar director provides general direction for the seminar and supervises all students. Each student also works with a faculty member in his or her major subfield (American politics, comparative politics, international relations, or political theory) and a teaching assistant. The honors seminar meets weekly for part of the year and addresses general issues involved in research and thesis writing, such as how to develop research questions and projects, methodology, sources of evidence, and outlining and drafting long papers. The sessions are also used for group discussions of students' research and thesis presentations. Students are also expected to meet periodically with the supervising professor and preceptor.

Students who wish to apply to the Honors Program must notify the department in writing by the end of the spring semester of the junior year. Please check the department website for the official deadline. Normally no more than 10% of graduating majors receive departmental honors in a given academic year. Applicants are required to have already completed the methods requirement for the major.

Application Materials

Applications to the Honors Program must include the following:

1. A cover page with the student's name, CUID number, e-mail address, and school (Columbia College or General Studies);
2. An official transcript, which may be obtained from the [Office of the Registrar](#) in Kent Hall, or from [Student Services Online](#) (SSOL);
3. A writing sample, preferably a paper written for a political science course;
4. A brief description (no more than one page) of a possible thesis topic.

Completed applications should be sent to:

Department of Political Science
Attn: Departmental Honors
420 West 118th Street
Mail Code 3320
New York, NY 10027

In addition, students are encouraged to find a faculty sponsor for their thesis proposal. Students who have identified a faculty sponsor should indicate the sponsor in the proposal; students without a faculty sponsor should identify a faculty member with whom they would like to work. Research areas for the political science department faculty are listed on the department's [website](#). Students will be notified by e-mail of the decision taken on their applications before fall registration.

Students who are not accepted into the honors seminar or who decide after the application deadline that they would like to write an honors thesis may take one or two semesters POLS UN3901 INDEPENDENT RESEARCH I and POLS UN3902 INDEPENDENT RESEARCH II in order to write a thesis to submit for honors consideration. Any member of the department's full-time faculty may sponsor independent study courses. Part-time faculty are not obligated to sponsor these courses.

For registration information and more details about this process, students should contact the Academic Affairs Coordinator. Note that most honors theses are about 75 pages in length. All theses must be submitted along with a confidential assessment of the paper by the supervising instructor in order to be considered for departmental honors. Students who choose this path must also complete all the requirements for the major and maintain a minimum major GPA of 3.6. Theses are due in late March or early April, and decisions about departmental honors are announced in May.

DEPARTMENTAL PRIZES AND FELLOWSHIPS

The Department of Political Science administers the following prizes and awards. Unless otherwise noted, students do not play an active part in the nomination process. Rather, faculty members nominate students at their own discretion. Departmental prizes are reserved for political science majors.

Charles A. Beard Prize

A cash prize awarded every other year to the student who writes the best paper in political science during the academic year.

Caroline Phelps Stokes Prize

A cash prize established at the bequest of Caroline Phelps Stokes is awarded to a student who has been a degree candidate at Columbia College or Barnard College for at least one academic year, and who has written the best essay in course or seminar work on the general subject of human rights.

Allan J. Willen Memorial Prize

A cash prize awarded to the Columbia College student who writes the best seminar paper on a contemporary American political problem.

Edwin Robbins Academic Research/Public Service Fellowship

The Robbins Fellowship provides a stipend each summer for at least two political science students in Columbia College who will be engaged in research in important matters of politics or policymaking or who will be working, without other compensation, as interns in a governmental office, agency, or other public service organization. Each spring, the department invites students to submit fellowship proposals. Awards are announced in late April or early May.

The Arthur Ross Foundation Award

A cash prize awarded to GS students for excellence in the field of political science.

Phyllis Stevens Sharp Fellowship in American Politics

The Phyllis Stevens Sharp Endowment Fund provides stipends each year during the summer for one or more Columbia College or School of General Studies students majoring or concentrating in political science to support research in American politics or policy making, or otherwise uncompensated internships in a government office, agency, or other public service organization. Each spring, the department invites students to submit fellowship proposals. Awards are announced in late April or early May.

EARLY ADMISSION TO THE MASTER'S DEGREE PROGRAM IN POLITICAL SCIENCE FOR COLUMBIA AND BARNARD POLITICAL SCIENCE UNDERGRADUATES

While the Department of Political Science does not offer a joint bachelor of arts/master's degree, it does allow Columbia and Barnard undergraduates to apply for early admission to its master's degree program.

Students should apply during the fall semester of their senior year for admission to the M.A. program in the following fall semester, after completion of the B.A. degree. The department and the Graduate School of Arts and Sciences may award up to one-half residence unit of advanced standing and/or up to three courses (nine to twelve credits) of transfer credit for graduate courses (4000-level and above) taken at Columbia in excess of the requirements for the Columbia bachelor's degree, as certified by the dean of the undergraduate school awarding the bachelor's degree.

For further information about the application process and minimum qualifications for early admission, please contact the director of undergraduate studies.

For further information about requirements for the M.A. degree, see <https://gsas.columbia.edu/degree-programs/ma-programs/political-science>.

PROFESSORS

Richard K. Betts
 Jagdish Bhagwati (also Economics)
 Alessandra Casella (also Economics)
 Partha Chatterjee (Anthropology)
 Jean L. Cohen
 Michael Doyle (University Professor)
 Robert Erikson
 Virginia Page Fortna
 Timothy Frye
 Ester Fuchs (School of International and Public Affairs)
 Andrew Gelman (also Statistics)
 Donald P. Green
 Bernard Harcourt (Law)
 Fredrick Harris
 Jeffrey Henig (Teachers College)
 Shigeo Hirano
 John Huber
 Macartan Humphreys
 David C. Johnston
 Ira Katznelson (also History)
 Sudipta Kaviraj (Middle Eastern, South Asian, and African Studies)
 Jeffrey Lax
 Mahmood Mamdani (Anthropology)
 Karuna Mantena
 M. Victoria Murillo (also School of International and Public Affairs)
 Andrew J. Nathan
 Sharyn O'Halloran (also School of International and Public Affairs)
 Justin Phillips (Chair)
 Kenneth Prewitt (School of International and Public Affairs)
 Robert Y. Shapiro
 Jack Snyder
 Michael Ting (also School of International and Public Affairs)
 Nadia Urbinati
 Gregory Wawro
 Andreas Wimmer (also Sociology)
 Keren Yarhi-Milo (also School of International and Public Affairs)

ASSOCIATE PROFESSORS

Allison Carnegie
 Daniel Corstange (also School of International and Public Affairs)
 Sarah Daly
 Turkuler Isiksel
 Kimuli Kasara

ASSISTANT PROFESSORS

Naoki Egami
 Nikhar Gaikwad
 Junyan Jiang
 Eunji Kim
 John Marshall
 Andrew McCall
 Carlo Prato
 Yamil Velez

LECTURERS

Kevin Funk
 Elise Giuliano
 Clara Maier
 Benjamin Mueser
 Michael Parrott
 Tsveta Petrova
 David Ragazzoni
 Chiara Superti

VISITING ASSOCIATE PROFESSOR

Daniel Smith

ON LEAVE

Profs. Fortna, Gelman, Harris, Humphreys, O'Halloran Wawro (2022-23)

Profs. Daly, Doyle Ting (*Fall 2022*)

Profs. Betts, Kasara, Snyder (*Spring 2023*)

GUIDELINES FOR ALL POLITICAL SCIENCE MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Planning Forms

Major Planning forms are available on the [department website](#).

Policy on Double-Counting Courses

- Policies about double-counting courses to fulfill requirements in more than one major may be found here:
 - [Columbia College](#)
 - [School of General Studies](#)
- Courses in the Core Curriculum do not fulfill requirements for the Political Science major.

Policy on Counting Credits outside the Department of Political Science

- Courses taken at other institutions or other Columbia departments may not be used to meet the requirement of a major or concentration in political science without the approval of the Director of Undergraduate Studies or the

department's undergraduate adviser. Students should secure such approval in advance of registration.

Pass/D/Fail and Grading Policy

- A grade of "Pass" is acceptable only for the first course taken toward the major or concentration.
 - The course used to fulfill the research methods requirement cannot be taken Pass/D/Fail.
- Students must receive a grade of at least C- in order for a course to count towards the major or concentration.

AP Credit Policy

- Students who receive transfer credit for one or more AP exams in political science may count a maximum of one AP course toward the major or concentration, contingent upon completing an upper-level (3000 or higher) course with a grade of C or higher in the subfield in which the AP exam was taken. All transfer credits must be approved by the Director of Undergraduate Studies or the undergraduate adviser (polisciadvising@columbia.edu).

Transfer Credit Policy

- For the political science major, a maximum of three courses in political science may be transferred from other institutions, including study abroad and AP credit. For the political science concentration as well as the economics-political science and political science-statistics interdisciplinary majors, a maximum of two courses in political science may be transferred from other institutions.

All transfer credits must be approved in writing by the Director of Undergraduate Studies or the undergraduate adviser (polisciadvising@columbia.edu).

- Students wishing to count transfer credits toward the major or concentration should send the undergraduate adviser (polisciadvising@columbia.edu) their transfer credit report, the syllabi of the courses they want to count toward departmental requirements, and a statement of how they want to apply the transfer credits to the requirements.

Independent Study Policy

- Independent Study (POLS UN3901 INDEPENDENT RESEARCH I in the fall or POLS UN3902 INDEPENDENT RESEARCH II in the spring) taken in fulfillment of course requirements for the major/concentration must be taken for at least 3 points of credit.

MAJOR IN POLITICAL SCIENCE

Program of Study

To be planned with the department as soon as the student starts to register for courses toward the major. Students should not wait until they formally declare the major before meeting with

an undergraduate adviser during the registration period to plan their programs for the major.

Course Requirements

Students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The major in political science requires a minimum of 9 courses in political science, to be distributed as follows:

Introductory Courses

Students must take two of the following introductory courses:

POLS UN1201	INTRO TO AMERICAN POLITICS
POLS UN1501	INTRO TO COMPARATIVE POLITICS
POLS UN1601	INTERNATIONAL POLITICS
POLS UN1101	POLITICAL THEORY I

NOTE: Introductory courses taken that do not fit into the Primary or Secondary Subfield will be counted in the Political Science Elective category.

Primary Subfield

Minimum three courses.

Minor Subfield

Minimum two courses.

Seminars

Two 4-point 3000-level seminars, at least one of which is in the student's Primary Subfield.

(See "Seminars" section below for more information)

Research Methods *

Minimum one course in research methods. Courses that satisfy the research methods requirement are:

POLS UN3220	LOGIC OF COLLECTIVE CHOICE
POLS UN3704	RESEARCH DESIGN: DATA ANALYSIS
POLS UN3720	RESEARCH DESIGN: SCOPE AND METHODS
POLS UN3706	EMPIRICAL RESEARCH METHODS IN POLITICAL SCIENCE
POLS UN3768	Experimental Research
POLS GU4710	PRINC OF QUANT POL RESEARCH 1
POLS GU4712	PRINC OF QUANT POL RESEARCH 2
POLS GU4720	QUANT METH 1 APPL REG CAUS INF
POLS GU4722	QUANT METH 2 STAT THEO# CAUS INF

POLS GU4724	QUANT METH 3 EXPERIMENTAL METH
POLS GU4762	Politics in the Lab
POLS GU4764	Design and Analysis of Sample Surveys
POLS GU4790	Advanced Topics in Quantitative Research
POLS GU4792	Quantitative Methods: Research Topics

Political Science Electives

Minimum one course (in any subfield).

*

A student may take another course inside or outside the department that provides relevant training in research methods to satisfy this requirement only with the written permission in advance of the Director of Undergraduate Studies or the department's undergraduate adviser. If a course outside the political science department is used to satisfy the research methods requirement, this same course cannot be used toward other majors/concentrations or programs.

Seminars

Students are expected to take two 3000-level 4-point seminars. They may choose from among the seminars offered, though at least one of the seminars taken must be in the student's Primary Subfield (that in which at least 9 other points have been completed). Entry into seminars requires the instructor's permission.

For detailed seminar registration guidelines, see [the department website](#). Seminars cannot be taken for R credit or Pass/D/Fail.

Barnard colloquia are open to students with the permission of the instructor. However, Barnard colloquia may **not** be used to fulfill the seminar requirement, though they may be used to fulfill subfield or elective requirements. Note that admission to Barnard colloquia is by application to the Barnard Political Science Department only. Please consult with the Barnard Political Science Department for more information.

Recommended Courses

In addition to political science courses, students are strongly advised, but not required, to take six points in a related social science field.

MAJOR IN ECONOMICS–POLITICAL SCIENCE

The major in economics-political science is an interdisciplinary major that introduces students to the methodologies of economics and political science and stresses areas of particular concern to both. This program is particularly beneficial to students planning to do graduate work in schools of public policy and international affairs.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Political Science. Please note that the economics adviser can only advise on economics requirements and the political science adviser can only advise on political science requirements.

Course Requirements

For the political science part of the major, students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The corresponding introductory courses in both subfields must be taken, plus two electives in the Primary Subfield and one in the Secondary Subfield. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The economics–political science major requires a total of 59 points: 22 points in economics, 17 points in political science, 6 points in mathematics, 6 points in statistical methods, 4 points in a political science seminar, and 4 points in the interdisciplinary seminar as follows:

Core Requirements in Economics

Students must take all of the following core economics courses:

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON UN3412 or POLS GU4712	INTRODUCTION TO ECONOMETRICS PRINC OF QUANT POL RESEARCH 2
ECON GU4370	POLITICAL ECONOMY

Core Requirements in Mathematics and Statistics

Students must take all of the following core mathematics and statistics courses:

MATH UN1101	CALCULUS I
MATH UN1201	CALCULUS III
STAT UN1201	CALC-BASED INTRO TO STATISTICS

Economics Electives

Students must take two electives at the 3000 level or higher in the Department of Economics.

Political Science Courses

Students must choose a Primary Subfield and a Secondary Subfield to study. The subfields are as follows: American Politics (AP), Comparative Politics (CP), International Relations (IR), and Political Theory (PT).

Primary Subfield: Minimum three courses, one of which must be the subfield's introductory course.

Secondary Subfield: Minimum two courses, one of which must be the subfield's introductory course.

Seminars

Students must take the following two seminars:

ECPS GU4921	SEMINAR IN POLITICAL ECONOMICS
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and a Political Science Department seminar, in the student's Primary Subfield. Please select one of the following: *

POLS UN3911	SEMINAR IN POLITICAL THEORY
POLS UN3921	AMERICAN POLITICS SEMINAR
POLS UN3951	COMPARATIVE POLITICS SEMINAR
POLS UN3961	INTERNATIONAL POLITICS SEMINAR

*

Students who wish to count toward the political science seminar requirement a course that is not in the above list of approved seminars must obtain permission from the political science Director of Undergraduate studies.

Barnard colloquia may not be used to fulfill the seminar requirement. Note that admission to Barnard colloquia is by application to the Barnard political science department only.

MAJOR IN POLITICAL SCIENCE–STATISTICS

The interdepartmental major of political science–statistics is designed for students who desire an understanding of political science to pursue advanced study in this field and who also wish to have at their command a broad range of sophisticated statistical tools to analyze data related to social science and public policy research.

Students should be aware of the rules regarding the use of the Pass/D/Fail option. Courses in which a grade of D has been received do not count toward the major requirements.

Political science–statistics students are eligible for all prizes reserved for political science majors.

The political science–statistics major requires a minimum of 15 courses in political science, statistics, and mathematics, to be distributed as follows:

POLITICAL SCIENCE

Primary Subfield

-Students must choose a Primary Subfield to study. Within the subfield, students must take a minimum of three courses, including the subfield's introductory course. The subfields and their corresponding introductory courses are as follows:

American Politics:	
POLS UN1201	INTRO TO AMERICAN POLITICS
Comparative Politics:	
POLS UN1501	INTRO TO COMPARATIVE POLITICS
International Relations:	
POLS UN1601	INTERNATIONAL POLITICS

Political Theory:

POLS UN1101	POLITICAL THEORY I
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-Additionally, students must take one 4-point 3000-level seminar in their Primary Subfield.

Research Methods

-Students must take the following two research methods courses:

POLS GU4710	PRINC OF QUANT POL RESEARCH 1
or POLS UN3704	RESEARCH DESIGN: DATA ANALYSIS
POLS GU4712	PRINC OF QUANT POL RESEARCH 2

STATISTICS

-Students must take one of the following sequences:

Sequence A — recommended for students preparing for graduate study in statistics ¹

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN2010	LINEAR ALGEBRA
STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4206	STAT COMP # INTRO DATA SCIENCE

or

Sequence B — recommended for students preparing to apply statistical methods to other fields

STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN2102	Applied Statistical Computing
STAT UN2103	APPLIED LINEAR REG ANALYSIS
STAT UN2104	APPL CATEGORICAL DATA ANALYSIS
STAT UN3105	APPLIED STATISTICAL METHODS
STAT UN3106	APPLIED MACHINE LEARNING

Statistics Elective

-Students must take an approved elective in a statistics or a quantitatively oriented course in a social science.

1.

Students taking Statistics Sequence A may replace the mathematics requirements with both MATH UN1207 HONORS MATHEMATICS A and MATH UN1208 HONORS MATHEMATICS B.

CONCENTRATION IN POLITICAL SCIENCE

Program of Study

To be planned with the department as soon as the student starts to register for courses toward the concentration. Students should not wait until they formally declare the concentration before meeting with an undergraduate adviser during the registration period to plan their programs for the concentration.

Concentration Requirements

Students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The concentration in political science requires a minimum of 7 courses in political science, to be distributed as follows:

Introductory Courses

Students must take two of the following introductory courses:

POLS UN1201	INTRO TO AMERICAN POLITICS
POLS UN1501	INTRO TO COMPARATIVE POLITICS
POLS UN1601	INTERNATIONAL POLITICS
POLS UN1101	POLITICAL THEORY I

NOTE: Introductory courses taken that do not fit into the Primary or Secondary Subfield will be counted in the Political Science Elective category.

Primary Subfield

Minimum two courses.

Secondary Subfield

Minimum two courses.

Research Methods *

Minimum one course in research methods. Courses that satisfy the methods requirement are:

POLS UN3220	LOGIC OF COLLECTIVE CHOICE
POLS UN3704	RESEARCH DESIGN: DATA ANALYSIS
POLS UN3706	EMPIRICAL RESEARCH METHODS IN POLITICAL SCIENCE
POLS UN3720	RESEARCH DESIGN: SCOPE AND METHODS
POLS UN3768	Experimental Research
POLS GU4710	PRINC OF QUANT POL RESEARCH 1
POLS GU4712	PRINC OF QUANT POL RESEARCH 2

POLS GU4720	QUANT METH 1 APPL REG CAUS INF
POLS GU4722	QUANT METH 2 STAT THEO# CAUS INF
POLS GU4724	QUANT METH 3 EXPERIMENTAL METH
POLS GU4762	Politics in the Lab
POLS GU4764	Design and Analysis of Sample Surveys
POLS GU4790	Advanced Topics in Quantitative Research
POLS GU4790	Advanced Topics in Quantitative Research
POLS GU4792	Quantitative Methods: Research Topics

Political Science Electives

Minimum two courses (in any subfield).

*

A student may take another course inside or outside the department that provides relevant training in research methods to satisfy this requirement only with the written permission in advance of the Director of Undergraduate Studies or the department's undergraduate adviser. If a course outside the political science department is used to satisfy the research methods requirement, this same course cannot be used toward other majors/concentrations or programs.

Recommended Courses

In addition to courses in political science, students are strongly advised, but not required, to take six credits in a related social science field.

AMERICAN POLITICS

POLS UN3208 STATE POLITICS. 3.00 points.

This course is intended to provide students with a detailed understanding of politics in the American states. The topics covered are divided into four broad sections. The first explores the role of the states in Americas federal system of government. Attention is given to the basic features of intergovernmental relations and the historical evolution of American federalism. The second part of the course focuses on state-level political institutions. The organization and processes associated with the legislative, executive, and judicial branches are discussed in depth. The third section examines state elections, political parties, and interest groups. Finally, the course concludes by looking closely at various policy areas. Budgeting, welfare, education, and morality policy are among those considered

POLS UN3210 Judicial Politics. 3 points.

Law and courts as political institutions. Considers the role of the judiciary within the American system of government, power relations within the judicial hierarchy, politics of decision making on the Supreme Court, the politics of Supreme Court nominations, the role of interest groups and public opinion in

shaping judicial doctrine, the social impact and legitimacy of courts, and the political history of the legal system.

POLS UN3225 AMERICAN CONSTITUTIONAL HISTOR. 4.00 points.

This Course is intended to look at key developments of American History through the prism of Supreme Court decisions and their aftermath. In essence, this Course will address three questions: 1. How did the Supreme Court reflect, and affect, historic patterns of U.S. development, and how did it impact the legal and economic framework of the United States? 2. How did the Supreme Court respond to, or worsen, crises in U.S. history? 3. How did the perception of individual and collective rights and liberties, and of the function and role of Governments -- both Federal and State -- evolve over time?

Spring 2023: POLS UN3225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3225	001/12701	T Th 1:10pm - 2:25pm 401 Chandler	Robert Tortoriello	4.00	14/20

POLS UN3245 RACIAL AND ETHNIC POLITICS. 3.00 points.

This course examines the role of race in American politics and the political behavior of racial and ethnic minorities in the United States. Topics will include, but are not limited to, minority political participation, segregation, gentrification, group identity, implicit bias, political representation, media effects, and the role of race in political campaigns

Spring 2023: POLS UN3245

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3245	001/12705	T Th 2:40pm - 3:55pm 413 Kent Hall	Yamil Velez	3.00	55/70

POLS UN3260 LATINO POLITICAL EXPERIENCE. 3.00 points.

This course focuses on the political incorporation of Latinos into the American polity. Among the topics to be discussed are patterns of historical exclusion, the impact of the Voting Rights Act, organizational and electoral behavior, and the effects of immigration on the Latino national political agenda

Spring 2023: POLS UN3260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3260	001/12709	M W 6:10pm - 7:25pm 401 Chandler	Carlos Vargas-Ramos	3.00	29/30

POLS UN3285 FREEDOM OF SPEECH # PRESS. 3.00 points.

Examines the constitutional right of freedom of speech and press in the United States. Examines, in depth, various areas of law, including extremist or seditious speech, obscenity, libel, fighting words, the public forum doctrine, and public access to the mass media. Follows the law school course model, with readings focused on actual judicial decisions

Fall 2022: POLS UN3285

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3285	001/15088	M W 4:10pm - 5:25pm 501 Schermerhorn Hall	Lee Bollinger	3.00	163/199

POLS UN3290 VOTING AND AMERICAN POLITICS. 3.00 points.

Elections and public opinion; history of U.S. electoral politics; the problem of voter participation; partisanship and voting; accounting for voting decisions; explaining and forecasting election outcomes; elections and divided government; money and elections; electoral politics and representative democracy.

Fall 2022: POLS UN3290

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3290	001/12699	M W 10:10am - 11:25am 402 Chandler	Robert Erikson	3.00	93/120

AMERICAN POLITICS SEMINARS

POLS UN3921 AMERICAN POLITICS SEMINAR. 4.00 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: the instructor's permission. Pre-registration is not permitted.

Prerequisites: the instructors permission. Pre-registration is not permitted. Seminar in American Politics Seminar. Students who would like to register should join the electronic wait list. For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars>

Fall 2022: POLS UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3921	002/12716	T 10:10am - 12:00pm 405 Kent Hall	Shigeo Hirano	4.00	14/20
POLS 3921	003/12717	T 2:10pm - 4:00pm 829 Seeley W. Mudd Building	Yamil Velez	4.00	17/20
POLS 3921	004/12868	Th 10:10am - 12:00pm 317 Hamilton Hall	Jeffrey Lax	4.00	8/15
POLS 3921	005/13378	W 6:10pm - 8:00pm 711 International Affairs Bldg	Carlos Vargas-Ramos	4.00	17/20
POLS 3921	006/13954	Th 4:10pm - 6:00pm 317 Hamilton Hall	Robert Amdur	4.00	19/20
POLS 3921	007/18216	M 10:10am - 12:00pm 711 International Affairs Bldg	Eunji Kim	4.00	15/20
POLS 3921	008/15131	M 12:10pm - 2:00pm 711 International Affairs Bldg	Judith Russell	4.00	15/20

POLS 3921 009/18232 W 10:10am - 12:00pm Andrew McCall 4.00 10/20
569 Alfred Lerner Hall

Spring 2023: POLS UN3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3921	001/12753	Th 4:10pm - 6:00pm 711 International Affairs Bldg	Michael Ting	4.00	14/20
POLS 3921	002/12754	M 10:10am - 12:00pm 711 International Affairs Bldg	Robert Erikson	4.00	16/20
POLS 3921	003/12755	M 12:10pm - 2:00pm 711 International Affairs Bldg	Judith Russell	4.00	21/22
POLS 3921	004/12756	M 10:10am - 12:00pm 302 Fayerweather	Lincoln Mitchell	4.00	18/20
POLS 3921	005/12757	W 6:10pm - 8:00pm 711 International Affairs Bldg	Gerrard Bushell	4.00	12/20
POLS 3921	006/12760	Th 4:10pm - 6:00pm 317 Hamilton Hall	Robert Amdur	4.00	22/21
POLS 3921	008/15083	F 12:10pm - 2:00pm 711 International Affairs Bldg	Greg Bovitz	4.00	5/20

COMPARATIVE POLITICS

POLS UN1501 INTRO TO COMPARATIVE POLITICS. 4.00 points.

This course provides a broad overview of the comparative politics subfield by focusing on important substantive questions about the world today. The course is organized around four questions. First, why can only some people depend upon the state to enforce order? Second, how can we account for the differences between autocracies and democracies? Third, what different institutional forms does democratic government take? Finally, are some institutions more likely than others to produce desirable social outcomes such as accountability, redistribution, and political stability?

Spring 2023: POLS UN1501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1501	001/00298	M W 10:10am - 11:25am 405 Milbank Hall	Eduardo Moncada	4.00	96/90

POLS UN3534 AUTOCRACY AND DEMOCRACY. 3.00 points.

With longstanding democracies in Europe and the US faltering, autocratic regimes in Russia and China consolidating, and hybrid regimes that mix elements of democracy and autocracy on the rise, scholars, policymakers, and citizens are re-evaluating the causes and consequences of different forms of government. This course is designed to give students the tools to understand these trends in global politics. Among other topics, we will explore: How do democracies and autocracies differ in theory and in practice? Why are some countries autocratic? Why are some democratic? What are the roots of

democratic erosion? How does economic inequality influence a country's form of government? Is the current period of institutional foment different past periods of global instability? This course will help students keep up with rapidly unfolding events, but is designed primarily to help them develop tools for interpreting and understanding the current condition of democracy and autocracy in the world

Fall 2022: POLS UN3534

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3534	001/12820	M W 10:10am - 11:25am 702 Hamilton Hall	Timothy Frye	3.00	53/86

POLS UN3528 NEW/OLD FORMS OF POL PROTEST. 3.00 points.

This course will introduce the students to the important topic of political protest. Each week we will address different aspects of the phenomenon: from the determinant to the actors and strategies of protest. We will discuss how the forms of protest have changed and the current role of the internet in general and social media in particular. Finally, we will discuss the role of the state and state repression, in particular censorship in the dynamics of protest. Since this is a comparative politics course, we will cover a range of different countries, including the United States, as well as both democratic and authoritarian regimes

Spring 2023: POLS UN3528

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3528	001/12710	T Th 10:10am - 11:25am 303 Hamilton Hall	Chiara Superti	3.00	40/42

POLS GU4423 POLITICAL ECONOMY ANALYSIS OF ELITES & INSTITUTIONS. 4.00 points.

This course examines political institutions and elite behavior from a political economy perspective. This course has three core goals. First, the substantive goal is to familiarize students with foundational theoretical arguments and frontier empirical evidence pertaining to central questions in political economy relating to political elite and institutions. Second, the methodological goal is to empower students to implement research designs that can effectively address the substantive questions driving their research. Third, the professionalization goal is to expose students to the academic processes of writing reviews, replicating and extending others' studies, presenting research projects, and writing original research designs or academic papers

Spring 2023: POLS GU4423

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4423	001/12785	T Th 10:10am - 11:25am 603 Hamilton Hall	John Marshall	4.00	13/20

POLS GU4453 POLITICS IN RUSSIA. 3.00 points.

This course begins by studying the late Soviet era—the 1970s through the collapse of the Soviet Union in 1991—in order to understand what kind of political system and political

culture Russia inherited. We spend some time analyzing why and how the Soviet Union—a superpower for 75 years—disintegrated suddenly and for the most part, peacefully. Then, the bulk of the course focuses on state-building in the Russian Federation. Russia's effort to construct new political institutions, a functioning economy, and a healthy society represents one of the greatest political dramas of our time. Beginning with Yeltsin's presidency in 1991 and continuing through the current eras of Putin, Medvedev, and Putin again, we consider phenomena such as economic reform, nationalism, separatism, federalism, war, legal reform, civil society, and democratization. The third part of the course addresses Russia's foreign relations. Like its predecessor states, the Russian Empire and the Soviet Union, Russia is concerned with what kind of state it is (or should be) and where it stands in the international order. We will study how Russian elites make sense of Russia's identity, as well as Russia's policies toward the US, Europe, its "near abroad," the Middle East, and China

Fall 2022: POLS GU4453

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4453	001/13435	T Th 11:40am - 12:55pm 212d Lewisohn Hall	Elise Giuliano	3.00	20/25

POLS GU4471 CHINESE POLITICS. 3.00 points.

This course offers a historical and thematic survey of Chinese politics and of salient issues in China's public policy and governance. The first half of the course reviews the patterns and dynamics of political development in China, focusing mainly on the last two hundred years, during which the country has been on a rugged yet fascinating path toward modernity. We will examine major political events including the collapse of the Imperial China, the rise of the Communist Party, the Cultural Revolution, and the post-Mao shift toward reform and opening. The second half of the course will look various special topics, including the structure of the party and the state, the relationship between state and society, the modes of economic development, and the governance of the media and the Internet. Throughout the course, special attention will be paid to how China's domestic political and economic processes intersected with major world events and transnational forces, such as imperialism, world wars, and economic globalization

Spring 2023: POLS GU4471

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4471	001/12791	T Th 2:40pm - 3:55pm 633 Seeley W. Mudd Building	Junyan Jiang	3.00	60/68

POLS GU4472 JAPANESE POLITICS. 4.00 points.

Fall 2022: POLS GU4472

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4472	001/12739	W 2:10pm - 4:00pm Sat Alfred Lerner Hall	Daniel Smith	4.00	21/25

POLS GU4496 CONTEMPORARY AFRICAN POLITICS. 3.00 points.

This course aims to teach students what, if any, answers social scientists have to the questions that concern anyone with an interest in African politics: 1) Why have democratic governments flourished in some countries and not others? 2) What institutions may enable Africans to hold their leaders accountable? 3) How do people participate in politics? 4) In what ways do aspiring African political leaders build public support? 5) To what extent does persistent poverty on the continent have political causes? and 6) Why is violence used to resolve some political disputes and not others?

Fall 2022: POLS GU4496

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4496	001/12741	T Th 2:40pm - 3:55pm 307 Pupin Laboratories	Kimuli Kasara	3.00	20/25

COMPARATIVE POLITICS SEMINARS

POLS UN3951 COMPARATIVE POLITICS SEMINAR. 4.00 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: *POLS V1501* or the equivalent, and the instructor's permission. Pre-registration is not permitted. Please see here for detailed seminar registration guidelines: <http://polisci.columbia.edu/undergraduate-programs/seminar-registration-guidelines>.

Prerequisites: *POLS V1501* or the equivalent, and the instructors permission. Pre-registration is not permitted. Please see here for detailed seminar registration guidelines: <http://polisci.columbia.edu/undergraduate-programs/seminar-registration-guidelines>. Seminar in Comparative Politics. Students who would like to register should join the electronic wait list. For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars>

Fall 2022: POLS UN3951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3951	001/12719	Th 10:10am - 12:00pm 1201 International Affairs Bldg	John Marshall	4.00	4/20
POLS 3951	002/12821	T 2:10pm - 4:00pm 644 Seeley W. Mudd Building	Timothy Frye	4.00	15/20

Spring 2023: POLS UN3951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3951	001/12762	T 10:10am - 12:00pm 509 Hamilton Hall	Junyan Jiang	4.00	14/20
POLS 3951	002/12763	T 2:10pm - 4:00pm 522c Kent Hall	Chiara Superti	4.00	16/20
POLS 3951	003/12764	T 8:10am - 10:00am 711 International Affairs Bldg	Daniel Smith	4.00	11/20

POLS 3951 004/12766 Th 12:10pm - Simone 4.00 21/20
2:00pm Paci
711 International
Affairs Bldg

INTERNATIONAL RELATIONS

POLS UN1601 INTERNATIONAL POLITICS. 4.00 points.

This introductory course surveys key topics in the study of international politics, including the causes of war and peace; the efficacy of international law and human rights; the origins of international development and underdevelopment; the politics of global environmental protection; and the future of US-China relations. Throughout the course, we will focus on the interests of the many actors of world politics, including states, politicians, firms, bureaucracies, international organizations, and nongovernmental organizations; the interactions between them; and the institutions in which they operate. By the end of the semester, students will be better equipped to systematically study international relations and make informed contributions to critical policy debates

Fall 2022: POLS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1601	002/00806	T Th 1:10pm - 2:25pm 202 Altschul Hall	Camara Silver	4.00	120/150

Spring 2023: POLS UN1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1601	001/12683	T Th 4:10pm - 5:25pm 417 International Affairs Bldg	Jayme Schlesinger	4.00	172/195

POLS UN3648 GOVERNING THE GLOBAL ECONOMY. 4.00 points.

Who governs the world economy? Why do countries succeed or fail to cooperate in setting their economic policies? When and how do international institutions help countries cooperate? When and why do countries adopt good and bad economic policies? This course examines how domestic and international politics determine how the global economy is governed. We will study the politics of trade, international investment, monetary, immigration, and environmental policies to answer these questions. The course will approach each topic by examining alternative theoretical approaches and evaluate these theories using historical and contemporary evidence. There will be an emphasis on applying concepts through the analysis of policy-relevant case studies designed specifically for this course

Spring 2023: POLS UN3648

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3648	001/12719	M W 4:10pm - 5:25pm 503 Hamilton Hall	Nikhar Gaikwad	4.00	54/54

POLS GU4801 GRAND STRATEGY: THEORY, HISTORY # DEBATES. 4.00 points.

Grand strategy is not just a buzzword that commentators and politicians toss around in the news; it is the subject of serious

scholarly debate, the focus of intense military planning and diplomatic efforts, and a source of both conflict and stability in the realm of international politics. As such, it is imperative for those interested in international relations and today's geopolitical environment to understand what grand strategy means, how it has been seen in the past, and the forms it might take in the future. This course aims to introduce students to the concept of grand strategy through a review of both academic and policy-oriented readings. We begin with an overview of the topic of grand strategy and the ways in which it has been defined throughout history. We then examine examples of grand strategy across space and time, from the ancient world, to the European states during the Napoleonic Era, to the strategies of the great powers during the world wars and beyond. We will follow this historical overview with a discussion of contemporary debates in American grand strategy, as well as an examination of the grand strategies of America's competitors. Following this, we discuss the "building blocks" of grand strategy—economic power, military might, and political, societal, and diplomatic efforts—and then conclude with a discussion of the future of grand strategy in a world of renewed great power competition

Fall 2022: POLS GU4801

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4801	001/13953	W 2:10pm - 4:00pm 569 Alfred Lerner Hall	Laura Samotin	4.00	19/25

POLS GU4814 GLOBAL ENERGY: SECURITY/GEOPOL. 3.00 points.

The course focuses on the nexus between energy and security as it reveals in the policies and interaction of leading energy producers and consumers. Topics include: Hydrocarbons and search for stability and security in the Persian Gulf, Caspian basin, Eurasia, Africa and Latin America; Russia as a global energy player; Analysis of the impact of Russia's invasion of Ukraine on energy markets, global security, and the future of the energy transition; Role of natural gas in the world energy balance and European energy security; Transformation of the global energy governance structure; Role and evolution of the OPEC; Introduction into energy economics; Dynamics and fundamentals of the global energy markets; IOCs vs NOCs; Resource nationalism, cartels, sanctions and embargoes; Asia's growing energy needs and its geo-economic and strategic implications; Nuclear energy and challenges to non-proliferation regime; Alternative and renewable sources of energy; Climate change as one of the central challenges of the 21st century; Analysis of the policies, technologies, financial systems and markets needed to achieve climate goals. Climate change and attempts of environmental regulation; Decarbonization trends, international carbon regimes and search for optimal models of sustainable development. Special focus on implications of the shale revolution and technological innovations on U.S. energy security

Fall 2022: POLS GU4814

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 4814 001/12759 M W 10:10am - 11:25am Albert Bininachvili 3.00 39/42
415 Schapiro
Cepser

POLS GU4845 NAT SECURITY STRAT OF MID EAST. 4.00 points.

At the crossroads of three continents, the Middle East is home to many diverse peoples, with ancient and proud cultures, in varying stages of political and socio-economic development, often in conflict. Following the Arab Spring and subsequent upheaval in Egypt, Syria, Iraq, Yemen, Libya and more, the region is in a state of historic flux. The Sunni-Shia rivalry, especially between Saudi Arabia and Iran, growing Iranian-Israeli conflict, population explosion, poverty and authoritarian control, Russian ascendance and US retrenchment, are the primary regional drivers today. Together, these factors have transformed the Middle Eastern landscape, with great consequence for the national security of the countries of the region and their foreign relations. The primary source of the world's energy resources, the Middle East remains the locus of the terror-WMD-fundamentalist nexus, which continues to pose a significant threat to both regional and international security. The course surveys the national security challenges facing the region's primary players (Egypt, Saudi Arabia, Iran, Iraq, Syria, Lebanon, Jordan, Israel, the Palestinians and Turkey,) and how the convolutions of recent years have affected them. Unlike many Middle East courses, which focus on US policy in the region, the course concentrates on the regional players' perceptions of the threats and opportunities they face and the strategies they have adopted to deal with them. It thus provides an essential vantage point for those interested in gaining a deeper understanding of a region, which stands at the center of many of the foreign policy issues of our era. The course is designed for those with a general interest in the Middle East, especially those interested in national security issues, students of comparative politics and future practitioners, with an interest in real world international relations and national security.

Fall 2022: POLS GU4845

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4845	001/12750	W 6:10pm - 8:00pm 405 Kent Hall	Charles Freilich	4.00	18/20

POLS GU4863 INTERNATIONAL POLITICAL ECONOMY OF DEVELOPING COUNTRIES. 4.00 points.

This course examines how domestic and international politics influence the economic policies of developing countries. We will critically evaluate different theoretical debates related to foreign economic policymaking in emerging markets, and introduce chief methodological approaches used in contemporary analyses. We will focus attention on different types of cross-border flows: the flow of goods (trade policy), the flow of people (immigration policy), the flow and location of production (foreign investment policy), the flow of capital (financial and monetary policy), and the flow of pollution (environment policy). In the process, we will address several themes that are central to understanding the politics of

economic policymaking in emerging economies, including, the legacies of colonialism, trade protectionism and liberalization, globalization and the race to the bottom, the relationship between economic policy and culture, and development and redistribution. There will be an emphasis on applying concepts through the analysis of policy-relevant case studies designed for this course.

Spring 2023: POLS GU4863

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4863	001/12802	W 10:10am - 12:00pm 1302 International Affairs Bldg	Nikhar Gaikwad	4.00	20/20

POLS GU4865 INTERNATIONAL POLITICAL ECONOMY. 4.00 points.

This course explores key frameworks and issue areas within international political economy. It examines the history and key characteristics of (economic) globalization, the theories of international cooperation, as well as the nature and role of international organizations (such as the World Trade Organization) in fostering trade and international economic cooperation. Furthermore, the course discusses the pros and cons of globalization and its implications on domestic policies of nation-states, with a particular focus on the tensions globalization creates and the lines of cleavages between winners and losers from globalization. Finally, the course reflects on the future of globalization and international trade and the challenges faced by national and supranational policy makers.

Fall 2022: POLS GU4865

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4865	001/12753	T Th 2:40pm - 3:55pm 233 Seeley W. Mudd Building	Davit Sahakyan	4.00	35/40

POLS GU4895 WAR, PEACE & STRATEGY. 4.00 points.

Survey of the causes of war and peace, functions of military strategy, interaction of political ends and military means. Emphasis on 20th-century conflicts; nuclear deterrence; economic, technological, and moral aspects of strategy; crisis management; and institutional norms and mechanisms for promoting stability.

Fall 2022: POLS GU4895

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4895	001/12757	M W 10:10am - 11:25am 142 Uris Hall	Richard Betts	4.00	48/100

INTERNATIONAL RELATIONS SEMINARS

POLS UN3961 INTERNATIONAL POLITICS SEMINAR. 4.00 points.

Priority given to senior majors, followed by junior majors, then all other students.

Prerequisites: POLS UN1601 or the equivalent, and the instructor's permission.

Prerequisites: POLS UN1601 or the equivalent, and the instructors permission. Seminar in International Politics. Students who would like to register should join the electronic wait list. For list of topics and descriptions see: <https://polisci.columbia.edu/content/undergraduate-seminars>

Fall 2022: POLS UN3961

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3961	001/12734	Th 10:10am - 12:00pm 1302 International Affairs Bldg	Allison Carnegie	4.00	8/20
POLS 3961	003/12728	Th 12:10pm - 2:00pm 711 International Affairs Bldg	Giulio Gallarotti	4.00	17/20
POLS 3961	004/12731	Th 10:10am - 12:00pm 1102 International Affairs Bldg	David Spiro	4.00	16/20
POLS 3961	005/12724	W 2:10pm - 4:00pm 1219 International Affairs Bldg	Jack Snyder	4.00	20/20
POLS 3961	007/15089	Th 12:10pm - 2:00pm 707 Hamilton Hall	Linda Kirschke	4.00	16/20
POLS 3961	008/20085	M 4:10pm - 6:00pm 1302 International Affairs Bldg	Colleen Wood	4.00	18/20

Spring 2023: POLS UN3961

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3961	001/12770	Th 10:10am - 12:00pm 1302 International Affairs Bldg	Allison Carnegie	4.00	19/20
POLS 3961	002/12771	W 12:10pm - 2:00pm 401 Hamilton Hall	Jean Krasno	4.00	16/20
POLS 3961	003/12773	Th 2:10pm - 4:00pm 401 Hamilton Hall	Davit Sahakyan	4.00	16/20
POLS 3961	004/12774	Th 10:10am - 12:00pm 317 Hamilton Hall	David Spiro	4.00	17/20
POLS 3961	005/13483	M 8:10am - 10:00am 711 International Affairs Bldg	Jeremiah Pam	4.00	18/20
POLS 3961	006/13725	T 4:10pm - 6:00pm 302 Fayerweather	Gideon Rose	4.00	19/20

POLITICAL THEORY

POLS UN1101 POLITICAL THEORY I. 4.00 points.

This course considers key questions at the foundation of political thought. What is justice? How do we justify the coercive power of states? Do we have an obligation to obey the government? Who should make and enforce the law? What basic rights and liberties should governments protect? How should our economic system produce and divide wealth and material resources? What are the claims of excluded or marginalized groups and how can these claims be addressed?

We explore these questions through the works of several classical and contemporary political thinkers. A major goal of the course is to practice the skills needed to understand a political thinker's arguments and to construct one's own

Fall 2022: POLS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1101	001/12696	T Th 8:40am - 9:55am 301 Uris Hall	David Ragazzoni	4.00	140/150

POLS UN3100 JUSTICE. 3.00 points.

An inquiry into the nature and implications of justice in areas ranging from criminal justice to social justice to the circumstances of war and peace, considering issues such as abortion, the criminalization of behavior, the death penalty, climate change, global poverty, civil disobedience, and international conflict

Spring 2023: POLS UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3100	001/12697	M W 2:40pm - 3:55pm 312 Mathematics Building	David Johnston	3.00	122/116

POLS UN3112 GANDHI, KING # POLS OF NONVIOLENCE. 4.00 points.

Since Gandhi's experiments in mass satyagraha over a century ago, nonviolence has become a staple of protest politics across the globe. From the Occupy movements to the Arab Spring to Movement for Black Lives, it might even be entering a new phase of revitalization. At the same time, what exactly nonviolence is and what it can accomplish in politics is very much under debate. This course aims to understand the politics of nonviolence by examining the political ideas and political careers of its most well-known twentieth-century advocates, M.K. Gandhi and Martin Luther King, Jr. Though still venerated as founding figures of nonviolent protest, Gandhi and King have come to be remembered in ways that can misconstrue how they understood and practiced nonviolent politics. To many, Gandhi is a saintly idealist, who wanted to imbue politics with the spirit of ahimsa, truth, and conscience. Likewise, King is taken to be a spokesman for interracial brotherhood and Christian love. While partly true, these images also downplay the political side of their nonviolence – the techniques of organizing and strategies of protest that made their movements successful. We will examine the evolution of Gandhi's and King's political thinking in relation to the movements they led – the Indian independence movement and the civil rights movement in the US. We will consider how the theory and practice of nonviolence evolved and changed as it moved from one context to another. We will be especially focused on understanding the dynamics of nonviolent protest

Fall 2022: POLS UN3112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3112	001/12698	T Th 4:10pm - 5:25pm	Karuna Mantena	4.00	80/100

329 Pupin
Laboratories

POLS GU4110 RECENT CONTINENTAL POL THOUGHT. 4.00 points.

This course will compare and contrast the theories of the political, the state, freedom, democracy, sovereignty and law, in the works of the following key 20th and 21st century continental theorists: Arendt, Castoriadis, Foucault, Habermas, Kelsen, Lefort, Schmitt, and Weber. It will be taught in seminar format

Fall 2022: POLS GU4110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4110	001/12738	W 12:10pm - 2:00pm 711 International Affairs Bldg	Jean Cohen	4.00	14/20

POLS GU4132 POLIT THOUGHT-CLASSICAL AND MEDIEVAL. 3.00 points.

Prerequisites: Contemporary Civilization or a comparable introduction to political theory course.

Prerequisites: Contemporary Civilization or a comparable introduction to political theory course. The course examines the historical and theoretical foundations of democracy. The underlying assumption is that political arrangements and institutions are the embodiment of political ideas and theories. The course will investigate the historical emergence of democracy as a form of government based on equality before the law and equal access to all citizens to the deliberative, decisional and control processes. The historical starting point is identified in Solon's reforms in Athens which dramatically broke the hegemony of ancient nobility; we will then study Cleisthenes' reforms and their redefinition of citizenry; in the context of the new political ideal of isonomia. We will proceed to examine the theoretical debate of the fifth century BCE, which includes Herodotus (III, 80-82), Thucydides and Protagoras. We will then examine the criticism levelled at democracy by Socrates, Plato and Aristotle: their thought enables us to compare the ancient idea of democracy to our own. Finally, we will study the Roman contribution to the theory of democracy, namely Cicero's ideal of 'republic' and the role that ius, codified law, played in it

Fall 2022: POLS GU4132

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4132	001/14934	M W 8:40am - 9:55am 613 Hamilton Hall	Giovanni Giorgini	3.00	16/22

POLS GU4134 MODERN POLITICAL THOUGHT. 4.00 points.

Interpretations of civil society and the foundations of political order according to the two main traditions of political thought-- contraction and Aristotelian. Readings include works by Hobbes, Spinoza, Locke, Montesquieu, Hume, Rousseau, Kant, Hegel, Saint-Simon, Tocqueville, Marx, and Mill

Spring 2023: POLS GU4134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4134	001/12778	M W 10:10am - 11:25am 307 Uris Hall	Nadia Urbinati	4.00	27/40

POLITICAL THEORY SEMINARS RESEARCH METHODS

POLS UN3704 RESEARCH DESIGN: DATA ANALYSIS. 3.00 points.

This course examines the basic methods data analysis and statistics that political scientists use in quantitative research that attempts to make causal inferences about how the political world works. The same methods apply to other kinds of problems about cause and effect relationships more generally. The course will provide students with extensive experience in analyzing data and in writing (and thus reading) research papers about testable theories and hypotheses. It will cover basic data analysis and statistical methods, from univariate and bivariate descriptive and inferential statistics through multivariate regression analysis. Computer applications will be emphasized. The course will focus largely on observational data used in cross-sectional statistical analysis, but it will consider issues of research design more broadly as well. It will assume that students have no mathematical background beyond high school algebra and no experience using computers for data analysis

Fall 2022: POLS UN3704

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3704	001/12700	M W 8:40am - 9:55am 303 Uris Hall	Shigeo Hirano	3.00	51/50

POLS UN3720 RESEARCH DESIGN: SCOPE AND METHODS. 4.00 points.

This class aims to introduce students to the logic of social scientific inquiry and research design. Although it is a course in political science, our emphasis will be on the science part rather than the political part -- we'll be reading about interesting substantive topics, but only insofar as they can teach us something about ways we can do systematic research. This class will introduce students to a medley of different methods to conduct social scientific research

Spring 2023: POLS UN3720

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3720	001/12722	T Th 10:10am - 11:25am 413 Kent Hall	Daniel Corstange	4.00	70/70

POLS UN3768 Experimental Research. 4.00 points.

Randomized experimentation is an important methodology in political science. In this course, we will discuss the logic of experimentation, its strengths and weaknesses compared to other methodologies, and the ways in which experimentation has been -- and could be -- used to investigate political

phenomena. Students will learn how to interpret, design, and execute experiments

Fall 2022: POLS UN3768

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3768	001/12709	T Th 10:10am - 11:25am 333 Uris Hall	Yamil Velez	4.00	37/40

Spring 2023: POLS UN3768

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3768	001/12731	T Th 1:10pm - 2:25pm 331 Uris Hall	Donald Green	4.00	41/50

POLS GU4700 MATH # STATS FOR POLI SCI. 4.00 points.

This course presents basic mathematical and statistical concepts that are essential for formal and quantitative analysis in political science research. It prepares students for the graduate-level sequence on formal models and quantitative political methodology offered in the department. The first half of the course will cover basic mathematics, such as calculus and linear algebra. The second half of the course will focus on probability theory and statistics. We will rigorously cover the topics that are directly relevant to formal and quantitative analysis in political science such that students can build both intuitions and technical skills. There is no prerequisite. The course is aimed for both students with little exposure to mathematics and those who have taken some courses but wish to gain a more solid foundation. NOTE: This course does not satisfy the Political Science Major/Concentration research methods requirement

Fall 2022: POLS GU4700

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4700	001/12742	M W 6:10pm - 7:25pm 402 International Affairs Bldg	Naoki Egami	4.00	20/20

POLS GU4702 METHODS OF INQUIRY # RES DESIGN. 4.00 points.

This course will cover research methods and research design in political science. We will focus on concrete and practical issues of conducting research: picking a topic, generating hypotheses, case selection, measurement issues, designing and conducting experiments, interviews, field work, archival research, coding data and working with data sets, combining quantitative and qualitative methods, etc. The course is designed for several audiences, including: (1) PhD students in Political Science, (2) MAO students undertaking a major research project, and (3) advanced undergrads contemplating an honors thesis, or another major research project

POLS GU4710 PRINC OF QUANT POL RESEARCH 1. 4.00 points.

This course examines the basic methods of data analysis and statistics, through multivariate regression analysis, that political scientists use in quantitative research that attempts to make causal inferences about how the political world works. The

same methods apply to other kinds of problems about cause and effect relationships more generally. The course will provide students with extensive experience in analyzing data and in writing (and thus reading) research papers about testable theories and hypotheses

Fall 2022: POLS GU4710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4710	001/12743	T Th 8:40am - 9:55am 633 Seeley W. Mudd Building	Robert Shapiro	4.00	54/70

POLS GU4712 PRINC OF QUANT POL RESEARCH 2. 4.00 points.

Prerequisites: *POLS W4710* or the equivalent.

Prerequisites: *POLS W4710* or the equivalent. This course will intensively examine some of the data analysis methods which deal with problems occurring in the use of multiple regression analysis. It will stress computer applications and cover, as needed, data coding and data processing. Emphasis will also be placed on research design and writing research reports. The course assumes that students are familiar with basic statistics, inference, and multiple regression analysis and have analyzed data using computer software (e.g., any standard statistical programs on micro-computers or larger machines -- Stata, "R", SPSS, SAS, etc.). Students will be instructed on the use of the microcomputers and the R and Stata statistical software program(s) available as freeware (R) or in the CUIT computer labs (Stata; several campus locations) or through SIPA. The lectures and required discussion section will emphasize the use of "R." Students may use whatever computer programs they prefer for all data analysis for the course. There may be an additional fee for classroom instructional materials

Spring 2023: POLS GU4712

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4712	001/13071	T Th 8:40am - 9:55am 825 Seeley W. Mudd Building	Robert Shapiro	4.00	20/40

POLS GU4720 QUANT METH 1 APPL REG CAUS INF. 4.00 points.

Fitting and understanding linear regression and generalized linear models, simulation, causal inference, and the basics of design of quantitative studies. Computation in R. Textbook: *Regression and Other Stories* by Gelman, Hill, and Vehtari

Fall 2022: POLS GU4720

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4720	001/12747	M W 11:40am - 12:55pm 516 Hamilton Hall	Benjamin Goodrich	4.00	21/50

POLS GU4722 QUANT METH 2 STAT THEO#CAUS INF. 4.00 points.

This course is the second course in the graduate-level sequence on quantitative political methodology offered in the Department of Political Science. Students will learn (1) a framework and

methodologies for making causal inferences from experimental and observational data, and (2) statistical theories essential for causal inference. Topics include randomized experiments, estimation under ignorability, instrumental variables, regression discontinuity, difference-in-differences, and causal inference with panel data. We also cover statistical theories, such as theories of ordinary least squares and maximum likelihood estimation, by connecting them to causal inference methods. This course builds on the materials covered in POLS 4700 and 4720 or their equivalent (i.e., probability, statistics, linear regression, and logistic regression)

Spring 2023: POLS GU4722

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4722	001/12795	M W 4:10pm - 5:25pm 401 Chandler	Naoki Egami	4.00	26/30

POLS GU4730 GAME THEORY # POLIT THEORY. 4.00 points.

Prerequisites: POLS GU4700 or equivalent level of calculus.
Prerequisites: POLS GU4700 or equivalent level of calculus.
Introduction to noncooperative game theory and its application to strategic situations in politics. Topics include solution concepts, asymmetric information, and incomplete information. Students should have taken POLS GU4700 or have equivalent background in calculus. Permission of instructor required

Spring 2023: POLS GU4730

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4730	001/12797	T Th 4:10pm - 5:25pm 602 Northwest Corner	John Huber	4.00	24/30

SENIOR HONORS SEMINAR

POLS UN3998 HONORS SEMINAR. 4.00 points.

Prerequisites: admission to the departmental honors program.
Prerequisites: admission to the departmental honors program. A two-term seminar for students writing the senior honors thesis

Fall 2022: POLS UN3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3998	001/12737	Th 2:10pm - 4:00pm 602 Northwest Corner	John Huber	4.00	16/20

POLS UN3999 HONORS SEMINAR. 4.00 points.

Prerequisites: admission to the departmental honors program.
A two-term seminar for students writing the senior honors thesis.

Spring 2023: POLS UN3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3999	001/12777	W 2:10pm - 4:00pm 829 Seeley W. Mudd Building	John Huber	4.00	16/18

INDEPENDENT READING AND RESEARCH

POLS UN3901 INDEPENDENT RESEARCH I. 1.00-6.00 points.

Fall 2022: POLS UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3901	001/12711		Andrew Gelman	1.00-6.00/1	
POLS 3901	002/20446		Daniel Smith	1.00-6.00/1	
POLS 3901	003/20447		Andrew Nathan	1.00-6.00/1	

POLS UN3902 INDEPENDENT RESEARCH II. 1.00-6.00 points.

Spring 2023: POLS UN3902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3902	001/18217		Jeffrey Lax	1.00-6.00/1	
POLS 3902	002/18280		Andrew Nathan	1.00-6.00/1	
POLS 3902	003/18547		Andrew Gelman	1.00-6.00/1	
POLS 3902	004/19583		Thomas Christensen	1.00-6.00/1	
POLS 3902	005/20164		Nadia Urbinati	1.00-6.00/1	

OF RELATED INTEREST

Economics

ECPS GU4921	SEMINAR IN POLITICAL ECONOMICS
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Human Rights

HRTS UN3001	INTRODUCTION TO HUMAN RIGHTS
HRTS W3930	International Humanitarian Law and Human Rights

PSYCHOLOGY

Departmental Office: 406 Schermerhorn; 212-854-3608
<https://psychology.columbia.edu/>

Directors of Undergraduate Studies:

Psychology Major and Concentration:

Prof. Patricia Lindemann, 358E Schermerhorn Extension; pgl2@columbia.edu (Students with last names beginning A-J)

Prof. Katherine Fox-Glassman, 314 Schermerhorn; kjt2111@columbia.edu (Students with last names beginning K-S)

Prof. Chris Baldassano, 370 Schermerhorn Extension; cab2304@columbia.edu (Students with last names beginning T-Z)

Neuroscience and Behavior Major:

Psychology: Prof. Alfredo Spagna, 315 Schermerhorn; as5559@columbia.edu (Students with last names beginning A-L)

Psychology: Prof. Caroline Marvin, 317 Schermerhorn; cbm2118@columbia.edu (Students with last names beginning M-Z)

Biology (CC): Prof. Stuart Firestein, sjf24@columbia.edu

Biology (GS): Prof. Deborah Mowshowitz, 744 Mudd; dbm2@columbia.edu

Director of Instruction and Academic Affairs:

Prof. Caroline Marvin, 317 Schermerhorn; cbm2118@columbia.edu

Directors of Senior Thesis Research Intensive:

Prof. Lila Davachi, 402 Schermerhorn; ld24@columbia.edu

Prof. Nim Tottenham, 419E Schermerhorn; nlt7@columbia.edu

Preclinical Adviser: Prof. E'mett McCaskill, 415O Milbank; emccaski@barnard.edu

Administrative Manager: Joanna Borchert-Kopczuk, 406 Schermerhorn; 212-854-3940; jb2330@columbia.edu

Undergraduate Curriculum Assistant: 406 Schermerhorn; 212-854-8859; psych-uca@columbia.edu

The Department of Psychology offers students a comprehensive curriculum in psychological science, including research methods, cognition, neuroscience, developmental, social, and clinical areas. The curriculum prepares majors for graduate education in these fields and also provides a relevant background for social work, education, medicine, law, and business. Psychology course offerings are designed to meet the varying needs and interests of students, from those wishing to explore a few topics in psychology or to fulfill the science requirement, to those interested in majoring in Psychology or in Neuroscience and Behavior.

PROGRAM GOALS

The department's program goals start with the development of a solid knowledge base in psychological science. Consistent with the value psychology places on empirical evidence, courses at every level of the curriculum nurture the development of skills in research methods, quantitative literacy, and critical thinking, and foster respect for the ethical values that undergird the science of psychology.

Most of these program goals are introduced in PSYC UN1001 THE SCIENCE OF PSYCHOLOGY, the recommended first psychology course required for all majors that satisfies the prerequisite for most 2000-level courses. These goals are extended and reinforced in our statistics (1600-level) and research methods (1400-level) research methods courses, as well as in the 2000-level lecture courses and 3000- and 4000-level seminars. Each of the 2000-level lecture courses

enables students to study systematically, and in greater depth, one of the content areas introduced in PSYC UN1001 THE SCIENCE OF PSYCHOLOGY. These lecture courses are the principal means by which psychology majors satisfy the distribution requirements, ensuring not only depth but also breadth of coverage across three central areas of psychology: (1) perception and cognition, courses in the 2200s, (2) psychobiology and neuroscience, courses in the 2400s, and (3) social, personality, and abnormal psychology, courses in the 2600s. To complete the major, students take one or more advanced seminars and are encouraged to participate in supervised research courses, where they have the opportunity to explore research questions in depth and further develop their written and oral communication skills.

RESEARCH PARTICIPATION

All qualified students are welcome to apply to join a research lab and contribute to ongoing projects. Students may volunteer to work in a lab, register for supervised individual research (PSYC UN3950 Supervised Individual Research), or participate in the department's Senior Thesis Advanced Research (STAR) Program. Information on faculty research is available on the departmental website. Students are advised to read about research laboratories on faculty lab sites and visit the professor's office hours to discuss opportunities. At the beginning of the fall term, the department also hosts a Lab-Preview event for students to learn about research opportunities for the upcoming semester.

PROGRAM PLANNING

Majors and concentrators in psychology and majors in neuroscience and behavior should begin planning a program of study as early as possible. All necessary forms and information are available in Program Planning Tips. All majors and concentrators in Psychology and majors in Neuroscience and Behavior should complete a Major Requirement Checklist before consulting a program adviser to discuss program plans. At minimum, all students must submit a Major Requirement Checklist prior to the start of their final semester, so that graduation eligibility can be certified. Once the MRC is submitted, the Undergraduate Curriculum Assistant and the DUS's will review your curriculum plans and advise if changes need to be made.

ADVISING

The Department of Psychology offers a variety of advising resources to provide prospective and current undergraduate majors and concentrators with the information and support needed to successfully plan their programs. An overview of these resources is provided on the Psychology Undergraduate Advising Resources website.

Students are encouraged to consult with Peer, Faculty, and Program Advisers as they plan their course of study in Psychology or Neuroscience and Behavior. Faculty and Peer Advisers are important contacts for general advice on

class choices, research opportunities, and post-graduation plans. For definitive answers to questions regarding major requirements and other aspects of your degree, including transfer credit, current and prospective majors should consult their Program Adviser (Director of Undergraduate Studies) or the Undergraduate Curriculum Assistant in the departmental office. Program Adviser assignments and contact information are provided on the departmental website. For additional information about program, faculty, peer, and pre-clinical advising, please see the Psychology Undergraduate Advising Resources website.

EMAIL COMMUNICATION

The department maintains an e-mail distribution list with the UNIs of all declared majors and concentrators. Students are held responsible for information sent to their Columbia e-mail addresses. **Students should read these messages from the department regularly and carefully.** They are intended to keep students informed about deadlines, requirements, events, and opportunities. Prospective majors or concentrators who would like to be added to the e-mail distribution list should contact the Undergraduate Curriculum Assistant (uca@psych.columbia.edu) in the departmental office.

GUIDE TO COURSE NUMBERS

Course numbers reflect the structure of the Psychology curriculum:

- The *1000*-level comprises introductions to psychology, introductory research methods courses, and statistics. PSYC UN1001 THE SCIENCE OF PSYCHOLOGY is an introductory course with no prerequisites, which can serve as the prerequisite for most of the *2000*-level courses. PSYC UN1021 Science of Psychology: Explorations and Applications is an alternative version of PSYC UN1001 THE SCIENCE OF PSYCHOLOGY and fulfills the same requirements. The *1400*s contain the research methods laboratory courses, and the *1600*s contain statistics courses; these two course types are designed to prepare students to be able to understand, critique, and conduct the types of research found in many psychology and neuroscience labs.
- The *2000*-level comprises lecture courses that are introductions to areas within psychology; most require PSYC UN1001 THE SCIENCE OF PSYCHOLOGY as a prerequisite.
- The *3000*-level comprises more advanced and specialized undergraduate courses; most are given in a seminar format and require instructor permission.
- The *3900*s are the courses providing research opportunities for undergraduates.
- The *4000*-level comprises advanced seminars suitable for both advanced undergraduates and graduate students, and require instructor permission.

Subcategories within the *2000*-, *3000*-, and *4000*-levels correspond to the three groups in our distribution requirement for undergraduate Psychology majors:

1. Perception and cognition (*2200*s, *3200*s, and *4200*s),
2. Psychobiology and neuroscience (*2400*s, *3400*s, and *4400*s), and
3. Social, personality, and abnormal psychology (*2600*s, *3600*s, and *4600*s).

Additionally, we designate Integrative and Applied courses using *x800*s (e.g., GU4880) and Advanced Topics in Psychology Research using the *x900*s (e.g., UN1910, UN1920, UN1930, UN1990, GU4930)

Note that Barnard psychology courses do not follow the same numbering scheme.

SENIOR THESIS ADVANCED RESEARCH

Starting in Fall 2021, we restructured the Honors program to become the Psych/Neuro Senior Thesis Advanced Research (STAR) program. This change is intended to expand the number of Psychology and Neuroscience & Behavior students we can accept into this rigorous training program. (Note that this change goes into effect for all new applicants; policies for students that have already been enrolled in 'Honors' will remain as they were prior to this change.)

Students with strong interests in psychological/neuroscientific research are encouraged to apply for admission to the Psychology Department's Psych/Neuro Senior Thesis Advanced Research program in the fall of their junior year or the equivalent, such that they will be able to participate in the three consecutive semesters (spring - fall - spring) that are required in the program.

Important: Students will need to confirm that a professor has agreed to mentor them before being admitted into the program. Therefore, interested applicants should reach out to potential mentors to find a lab placement before applying. Tip: The best way to ensure finding a mentor is to get involved in that mentor's research before asking if they can provide mentoring/supervision on your thesis. Please read through all the information below *before* submitting your application.

Students interested in engaging in a Psych/Neuro Senior Thesis:

The series includes:

1. Enrolling in a 3-semester Senior Thesis Advanced Research series, which includes a weekly seminar and research commitment, that must occur consecutively in your Junior year spring semester and Senior year (fall & spring), or equivalent [NOTE: this research course includes performing intensive, independent research with a lab mentor, writing a

final thesis, and giving an oral presentation of the thesis at the end of the 3rd semester]

2. Enrolling in a one-semester methods course (PSYC UN1920, UN1420/21, UN1450/51, UN1455/56, UN1490/91) in any semester during undergrad (i.e., before or during the series). Students are strongly encouraged to complete this methods training during or before the spring of their junior year (or equivalent).

Students interested in engaging in a Psych/Neuro Senior Thesis and aspiring to be eligible for Academic Honors in Psychology or Neuroscience and Behavior:

All students aspiring to graduate with Academic Honors must enroll in the series described above. However, acceptance to and participation in this program does not automatically result in earning academic honors (see requirements for academic honors below).

Note the students majoring in Neuroscience & Behavior may earn academic honors through the Department of Biological Sciences instead. (Please check their website for more details on that process.)

Honors Requirements:

The Psych/Neuro Senior Thesis Advanced Research program is open to students majoring in Psychology or Neuroscience & Behavior and includes the following:

Senior Thesis Advanced Research Seminar (UN3930): This is a two-hour, 1-4 credit course that meets biweekly, during which students present and discuss their ongoing research. Students in the course also attend the Psychology Department's Colloquium Series, which features researchers from outside the Department speaking on a variety of topics in Psychology/Neuroscience. The seminar and colloquia always take place on Wednesdays from 4:10 - 6:00 p.m. Students in the Psych/Neuro Senior Thesis Advanced Research program enroll in this course during the spring of their junior year and during the fall and spring of their senior years, or the equivalent.

Senior Thesis Research: Starting in the spring of their junior year and continuing through senior year, all students in the Psych/Neuro Senior Thesis Advanced Research program conduct research under the supervision of a Psychology Department faculty member or a faculty member/principal investigator in a psychology- or neuroscience-focused lab outside the department, including at Barnard College, the Zuckerman Mind Brain Behavior Institute, Columbia Business School, Columbia University Irving Medical Center, and other research institutions in the area.

Research Methods Course: To fulfill this requirement, students should complete a methods course (PSYC UN1920 The How-To's of Research; PSYC UN1420/21 Research Methods: Human Behavior; PSYC UN1450/51 Research Methods: Social Cognition & Emotion; PSYC UN1455/56 Research Methods:

Social & Personality Psychology; PSYC UN1490/91 Research Methods: Cognition & Decision-making).

Senior Thesis: Students in the Psych/Neuro Senior Thesis Advanced Research program complete an original research project under the supervision of their faculty advisor. Senior students present their research orally at the last colloquium of the Spring term, and also submit a written senior thesis.

Eligibility for Academic Honors:

Students participating in the Psych/Neuro Senior Thesis Advanced Research program are also eligible to receive academic honors when they graduate, provided they 1) complete all components of the program, 2) earn a GPA in the major of 3.6 or higher at the time of graduation, and 3) are recommended by the Psychology department faculty. Please note that academic honors can be awarded to no more than 10% of the graduating class each year, so while only students who have participated in this senior thesis research intensive are eligible to receive academic honors, not everyone in the Senior Thesis Advanced Research program will receive academic honors.

How to Apply:

The application is due in mid fall, and decisions are communicated in time for admitted students to register to begin Psych/Neuro Senior Thesis Advanced Research-related classes in the spring.

The application process comprises the following steps:

1. Identifying a lab sponsor: If you think you might be interested in applying, you should start reaching out to labs that you're interested in well in advance of the application deadline to see if they might have openings for research assistants and if they'd be willing to mentor you in your research. Keep in mind that mentoring a student is a significant commitment on the part of a professor, and so it may be difficult to identify a professor who can provide mentorship. Successful applicants typically demonstrate how their own research interests fall in line with those of their proposed sponsor and attest that their faculty member/PI has agreed to sponsor them. Once you have secured a position in a lab, you and your mentor will need to fill out the mentor agreement form.
2. Complete the online application: The application will be made available on our psychology department website, and comprises a few relatively short questions asking students to describe their previous coursework and research-related experiences and to write about their intended research interests.

REQUIREMENTS FOR ADMISSION TO GRADUATE PROGRAMS IN PSYCHOLOGY

Most graduate programs in psychology, including those in clinical psychology, require:

An undergraduate course in introductory psychology:

PSYC UN1001	THE SCIENCE OF PSYCHOLOGY
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A course in statistics such as one of the following:

PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
-------------	----------------------------------

PSYC UN1660	Advanced Statistical Inference
-------------	--------------------------------

STAT UN1001	INTRO TO STATISTICAL REASONING
-------------	--------------------------------

STAT UN1101	INTRODUCTION TO STATISTICS
-------------	----------------------------

STAT UN1201	CALC-BASED INTRO TO STATISTICS
-------------	--------------------------------

A laboratory course in research methods such as one of the following:

PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR
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PSYC UN1450	RESEARCH METHODS - SOCIAL COGNITION & EMOTION
-------------	---

PSYC UN1455	RESEARCH METHODS: SOCIAL/PERSONALITY
-------------	--------------------------------------

PSYC UN1490	RESEARCH METHODS - COGNITION/DECISION MAKING
-------------	--

Students should also take a variety of more advanced undergraduate courses and seminars. Students interested in PhD programs in any area of psychology are strongly encouraged to participate in a research lab and may wish to enroll in [PSYC UN3950 Supervised Individual Research](#). Students are also encouraged to apply for the Senior Thesis Advanced Research program in the early fall of their junior year.

Students interested in clinical psychology should obtain experience working in a community service program in addition to supervised individual research experience. Students should consult the department's pre-clinical adviser, [Prof. E'mett McCaskill](#), and attend the department's pre-clinical advising events for more information. Additional resources to help prepare students for graduate study in psychology, and for careers in clinical psychology, are available on the [Department of Psychology's website](#). Students may also sign-up for the [preclinical advising listserv](#) to receive emails about events and relevant information.

ONLINE INFORMATION

The Department of Psychology [website](#) provides access to a wide variety of information for majors and prospective majors. Among other useful resources, students will find syllabi

posted for most lecture and lab courses and for many advanced seminars. Students should read the on-line course syllabi prior to registering for psychology courses. For assistance in finding all necessary resources, students should contact the undergraduate curriculum assistant (psych-uca@columbia.edu).

SCIENCE REQUIREMENT

PSYC UN1001 THE SCIENCE OF

PSYCHOLOGY, PSYC UN1021 Science of Psychology:

Explorations and Applications, PSYC UN1010 Mind, Brain and Behavior (no longer offered), and any PSYC course in the 2200- or 2400-level may be used to fulfill the science requirement.

2600-level and some other psychology courses, including PSYC BC1001 INTRODUCTION TO PSYCHOLOGY and other Barnard psychology courses, may not be used to fulfill the science requirement.

All 3- and 4-point courses numbered in the 32xx, 34xx, 42xx, and 44xx can partially fulfill the science requirement. With prior departmental approval, some additional courses may also be used to partially fulfill the science requirement. For more detailed information regarding psychology courses that may be applied toward the science requirement, see the *Core Curriculum* section in this bulletin.

EVENING AND COLUMBIA SUMMER COURSES

The department normally offers at least one lab course in the late afternoon with evening labs. A number of other courses are occasionally offered in late afternoon and evening hours. No more than one quarter of the courses required for the major are normally available in the evening. Working students may find early morning (8:40 a.m.) classes, as well as Summer Session offerings, helpful in completing degree requirements.

Any course offered by the Psychology Department during the Summer Session is applicable toward the same major requirement(s) as the corresponding course of that same number offered during the academic year. For instance, PSYC S1001D The Science of Psychology meets the same major requirements as does PSYC UN1001 THE SCIENCE OF PSYCHOLOGY.

See *Academic Regulations—Study Outside Columbia College* in this Bulletin for additional information.

PROFESSORS

Dima Amso
Niall Bolger
Lila Davachi
Geraldine Downey
William Fifer (Psychiatry, Pediatrics)
Norma Graham
Carl Hart
Tory Higgins
Donald C. Hood

Nikolaus Kriegeskorte
 Janet Metcalfe
 Kevin Ochsner (Chair)
 Rae Silver (Barnard)
 Daphna Shohamy
 Herbert Terrace
 Nim Tottenham
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ASSOCIATE PROFESSORS

Jon Freeman
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ASSISTANT PROFESSORS

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 Larisa Heiphetz
 Bianca Marlin
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 Patricia Lindemann
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 Michele Miozzo
 Michael Naft
 Jenna Reinen
 Svetlana Rosis
 Ayanna Sorett

GUIDELINES FOR ALL PSYCHOLOGY MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Double Majors/Concentrations

All students attempting to complete double majors, double concentrations, or a combination of a major and a concentration should consult the college rules for double counting of [courses](#).

Overlapping Courses

Students cannot receive credit for two courses—one completed at Columbia and one at another institution (including Barnard)—if those courses have largely overlapping content. For example, PSYC UN1001 THE SCIENCE OF PSYCHOLOGY is similar in content to introductory psychology courses offered at many other institutions, including Barnard; only one such course will receive credit. Similarly, PSYC UN2630 SOCIAL PSYCHOLOGY and PSYC BC1138 Social Psychology have overlapping content; only one will receive credit. Please refer to the table of [Overlapping Courses](#) for a partial list of courses at Columbia and Barnard that are known to overlap.

Grade Requirements for the Major

A grade of C- or higher must be earned and revealed on the transcript in any Columbia or Barnard course, including the first, that is used to satisfy the major requirements. The grade of P is not accepted for credit towards the [Psychology major](#), [Psychology concentration](#), or [Neuroscience and Behavior major](#). Courses taken on a Pass/D/Fail basis may not be used to satisfy the major or concentration requirements unless the grade of P is uncovered by the Registrar's deadline. Students may petition to have their P/D/F grades uncovered after the registrar's deadline for the following three courses only: PSYC UN1001 Science of Psychology, PSYC UN1010 Mind, Brain, & Behavior (no longer offered), and PSYC UN1610 Introductory Statistics for Behavioral Scientists. Courses taken for a P grade may not be used to satisfy the major or concentration requirements, except for P grades earned in the Spring 2020 semester.

Major Requirement Checklist

Prior to the start of their final semester, all seniors must submit a [Major Requirement Checklist](#) showing all major courses they have taken and those they plan to take. The Psychology department evaluates each checklist to determine whether or not the course plan completes the major requirements and then notifies the student accordingly. If the student's course plan changes, or if it does not satisfy the major requirements, a revised checklist must be submitted. Departmental approval of an accurate and up-to-date checklist will help ensure completion of all major requirements on time for graduation.

MAJOR IN PSYCHOLOGY

Please read [Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors](#) (p. 747) above.

The Psychology Major requirements changed in 2020. Students entering an undergraduate degree program at Columbia in Fall 2020 or later must complete the new major requirements. Students who entered Columbia prior to Fall 2020 may choose to complete either the new major requirements or the old ones.

New Major Requirements (for students entering Columbia Fall 2020 or later)

Students must complete 11 courses in Psychology or an approved cognate discipline. To count toward the major, a course must be taken for 3 or more points. At least 6 of the 11 courses must be in the Columbia Psychology Department.

These 11 courses must include:

1. Introductory Psychology Course
2. One Statistics course
3. One Research Methods course
4. One Group I Course
5. One Group II Course
6. One Group III Course
7. One course meeting the Seminar requirement
8. One course meeting the integrative/applied Special Elective requirement
9. Enough PSYC electives to complete 11 courses

Each course may fulfill only one of these major requirements. See below for details on each of these requirements.

Old Major Requirements (for students entering Columbia prior to Fall 2020)

Students must complete 30 or more points to complete the Psychology Major. Those 30 points must include:

1. Introductory Psychology Course
2. One Statistics course
3. One Research Methods course
4. One Group I Course
5. One Group II Course
6. One Group III Course
7. One course meeting the Seminar requirement
8. Enough PSYC electives to complete 30 points

See below for details on each of these requirements. Note that no course may be counted twice in fulfillment of the major requirements.

The Introductory Psychology Course

- PSYC UN1001 THE SCIENCE OF PSYCHOLOGY

A Statistics Course

Select one of the following:

- PSYC UN1610 STATISTICS-BEHAVIORAL SCIENTISTS
- PSYC UN1660 Advanced Statistical Inference
- STAT UN1001 INTRO TO STATISTICAL REASONING
- STAT UN1101 INTRODUCTION TO STATISTICS (formerly *STAT W111*)
- STAT UN1201 CALC-BASED INTRO TO STATISTICS (formerly *STAT W1211*)

A Research Methods Course

Select one of the following:

- PSYC UN1420 RESEARCH METHODS - HUMAN BEHAVIOR
- PSYC UN1450 RESEARCH METHODS - SOCIAL COGNITION & EMOTION
- PSYC UN1455 RESEARCH METHODS: SOCIAL/ PERSONALITY
- PSYC UN1490 RESEARCH METHODS - COGNITION/ DECISION MAKING

Majors are strongly advised to complete the statistics and research methods requirements, in that order, by the fall term of their junior year. Students are advised to verify the specific prerequisites for research methods courses, most of which require prior completion of a statistics course.

Distribution Requirement

One course (3 points or more) must be taken from each of the following three groups (in addition to the introductory, statistics, and research methods courses described above):

- Group I—Perception and cognition: courses numbered in the 2200s, 3200s, or 4200s.
- Group II—Psychobiology and neuroscience: courses numbered in the 2400s, 3400s, or 4400s. Also PSYC UN1010 Mind, Brain and Behavior (no longer offered).
- Group III—Social, personality, and abnormal: courses numbered in the 2600s, 3600s, or 4600s.

As of Fall 2019, Research Methods courses no longer fulfill any of the Group distribution requirements.

Seminar Requirement

In addition, students must complete one course meeting the Seminar requirement. A seminar course must be taken for 3 or more points.

All courses offered through the Columbia Psychology Department and numbered in the 3200s, 3400s, 3600s, 4200s, 4400s, and 4600s count toward the seminar requirement.

Not all Barnard courses taught in a seminar format fulfill this requirement—see Barnard Courses, below, for more information.

Seminars are usually taken in the junior and senior year as a culmination of the major program, but any students who have met the prerequisites and gain the instructor's permission to join the course may enroll. Enrollment in all seminar courses requires the instructor's permission; students are advised to contact instructors at least one month prior to registration to request seminar admission. Note that honors, senior thesis research intensive, and supervised individual research courses (PSYC UN3910 HONORS SEMINAR, PSYC UN3920 HONORS RESEARCH, PSYC UN3930 Senior Thesis Advanced Research Seminar, and PSYC UN3950 Supervised Individual Research) will not meet the seminar requirement.

For those completing the new major requirements, no course may be counted twice in fulfillment of the above major requirements: separate courses must be taken to fulfill the seminar requirement and each distribution group.

Special Elective (for the New Major requirements)

For students entering Columbia in Fall 2020 or later, one course must be taken to fulfill the integrative/applied Special Elective.

The Special Elective encompasses a wide range of courses: those that cut across and connect different sub-disciplines within psychology; those that integrate psychology with other disciplines; those that apply psychology to real-world problems; those that dig deeper into advanced statistics and methods topics; and those that offer hands-on experience with psychology research.

The following courses are pre-approved to count toward the Special Elective requirement. If you would like to count a course that does not appear on this list, please contact your Program Advisor prior to enrolling.

- PSYC UN3950 SUPERVISED INDIVIDUAL RESEARCH or PSYC UN3920 HONORS RESEARCH (taken for 3 or 4 points) or PSYC UN3930 Senior Thesis Research Intensive Seminar
- PSYC UN1910 Research Ethics in Psychology
- PSYC UN1930 Behavioral Data Science
- PSYC UN1990 Global Behavioral Science
- PSYC UN3615 Children at Risk (Lecture)
- PSYC GU4612 Frontiers of Justice
- PSYC GU4930 Fundamentals of Human Brain Imaging: from theory to practice
- STAT UN2102 Applied Statistical Computing
- STAT GU4243 APPLIED DATA SCIENCE
- PSYC BC1088 THE SCIENCE OF LIVING WELL
- PSYC BC2175 Addictive Behaviors (overlaps with PSYC 2460 Drugs & Behavior)

- PSYC BC3155 Psychology and Law
- PSYC BC3465 Field Work # Research Seminar: Toddler Center
- PSYC BC3466 FIELD WORK # RESEARCH SEMINAR: TODDLER CENTER
- PSYC BC3473 CLINICAL FIELD PRACTICUM
- PHIL V2400 Psychology and Philosophy of Human Experience
- NSBV BC3387 TOPICS IN NEUROETHICS

Electives

Additional psychology courses ("electives") must be taken for a total of 30 points (or 11 courses for the new major requirements).

Once a student has met the specific requirements of the major, any other psychology or approved cognate courses they take to complete the 30-point (or, for students entering Columbia in Fall 2020 or later, the 11-course) minimum constitute electives.

As described below, these may include a limited number of research courses, transfer courses, and Barnard psychology courses not approved for specific requirements.

No course may be counted twice in fulfillment of the above major requirements.

Research Credits

No more than 4 points of PSYC UN3950 Supervised Individual Research or PSYC UN3920 HONORS RESEARCH may be taken in any one term, and no more than 8 points total of research and field work courses (PSYC UN3950 SUPERVISED INDIVIDUAL RESEARCH, PSYC BC3466 FIELD WORK # RESEARCH SEMINAR: TODDLER CENTER, PSYC BC3473 CLINICAL FIELD PRACTICUM, PSYC BC3592 Senior Research Seminar and PSYC BC3599 Individual Projects) may be applied toward the major. See below for further restrictions on applying Barnard courses toward the psychology major. Under the new 11-course major, research courses must be taken for 3 or 4 points in order to count toward the major; a maximum of 2 such courses may be applied towards the major. (See below for further restrictions on applying Barnard courses toward the psychology major).

Barnard Courses

For students completing the 30-point major: No more than 9 credits in Barnard courses (or a combination of transfer and Barnard credits) may be applied toward the major.

For students completing the 11-course major: A maximum of 5 courses counted toward the major may be from outside Columbia ("outside Columbia" includes both Barnard and transfer courses).

The table of approved Barnard psychology courses indicates which courses have been approved for specific requirements of the psychology major. Courses not on the approved list may

only be applied toward a specific requirement with prior written approval from one of the [directors of undergraduate studies](#). Psychology courses not on the approved list for a specific requirement may be applied as elective credit toward the 30 points for the major (or towards the 11 courses needed for the new major requirements).

As of Fall 2019, Barnard Lab courses do not count towards the Research Methods requirement of the Psychology Major or Concentration.

Non-Psychology Courses

For students completing the 11-course major: Some courses offered outside of Psychology departments can count toward major requirements (e.g., courses taken in the Statistics Department; cognate courses offered through Philosophy, Business, Law, etc.). A maximum of 2 such non-PSYC courses may be applied toward the major. Courses offered in the Barnard Psychology or Neuroscience departments do not count toward this limit.

Transfer Credits

For students completing the 30-point major: No more than 9 transfer credits (or a combination of transfer and Barnard credits) will be accepted toward the psychology major.

For students completing the 11-course major: No more than 3 transfer courses can be applied toward the psychology major. Any transfer courses thus applied count toward the limit of 5 courses from outside Columbia.

Approval of transfer credits on a student's Entrance Credit Report toward general requirements for the B.A. degree does **not** grant approval of these credits toward the psychology major. Students must apply for written approval of transfer credit towards the major by submitting the [Major Requirement Substitution Form](#). This form, along with additional information about transfer credits can be found on the [Transfer Credit page of our website](#). To be approved for the major, a course taken at another institution should be substantially similar to one offered by the department, the grade received must be a B- or better, and the course must have been taken within the past 8 years. As noted above, if two courses overlap in content, only one will be applied towards the major. With the exception of approved Barnard courses, students should consult with one of the [directors of undergraduate studies](#) before registering for psychology courses offered outside the department.

Students who have completed an introductory psychology course at another institution prior to declaring a psychology major should submit a [Major Requirement Substitution Form](#) to verify whether or not this course meets departmental standards for major transfer credit. If transfer credit toward the major is not approved, the student must enroll in PSYC UN1001 THE SCIENCE OF PSYCHOLOGY or PSYC UN1021 Science of Psychology: Explorations and Applications or PSYC BC1001

INTRODUCTION TO PSYCHOLOGY to complete this major requirement.

AP Psychology Transfer Credit

As of Fall 2019, the Psychology Department will accept a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam, to meet the Science of Psychology requirement. The AP/IB Psychology exam does not count as a course or toward a student's points total for their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course to fulfill the required number of courses or points for their program.

The College Board Advanced Placement (AP) statistics scores do not satisfy the statistics requirement. Students who have completed AP statistics may opt to take a more advanced statistics course to fulfill this requirement with the approval of one of the [directors of undergraduate studies](#).

MAJOR IN NEUROSCIENCE AND BEHAVIOR

Please read [Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors](#) (p. 747) above.

The department cosponsors an interdepartmental major in neuroscience and behavior with the Department of Biological Sciences. For assistance in planning the psychology portion of the neuroscience and behavior major, refer to the [Program Planning Tips website](#) and use the appropriate [major requirement checklist](#).

No course may be counted twice in fulfillment of the biology or psychology requirements described below. Many graduate programs in neuroscience also require one year of calculus, one year of physics, and chemistry through organic.

Required Courses

In addition to one year of college general chemistry, ten courses are required to complete the major—five from the Department of Biological Sciences and five from the Department of Psychology. For the definitive list of biology requirements, see the [Department of Biological Sciences website](#).

Required Chemistry Courses

One year of college chemistry is required prior to taking Introductory Biology.

Required Biology Courses

1. BIOL UN2005 INTRO BIO I: BIOCHEM, GEN, MOLEC
2. BIOL UN2006 INTRO BIO II: CELL BIO, DEV/PHYS
3. BIOL UN3004 NEUROBIO I: CELLULAR # MOLECULR
4. BIOL UN3005 NEUROBIO II: DEVPT # SYSTEMS
5. One additional 3000- or 4000-level biology course from a [list approved by the biology adviser](#) to the program.

- BIOL UN3006 PHYSIOLOGY
- BIOL UN3019 Brain Evolution
- BIOL UN3022 DEVELOPMENTAL BIOLOGY
- BIOL UN3025 NEUROGENETICS
- BIOL UN3031 GENETICS
- BIOL UN3799 MOLECULAR BIOLOGY OF CANCER
- BIOL UN3041 CELL BIOLOGY
- BIOL UN3073 CELLULAR/MOLECULAR IMMUNOLOGY
- BIOL UN3193 STEM CELL BIOL # APPLICATIONS
- BIOC UN3300 BIOCHEMISTRY
- BIOL UN3404 The Global Threat of Antimicrobial Resistance
- BIOL GU4034 BIOTECHNOLOGY
- BIOL GU4035 SEMINAR IN EPIGENETICS
- BIOL GU4075 BIOLOGY AT PHYSICAL EXTREMES
- BIOL GU4080 ANCIENT AND MODERN RNA WORLDS
- BIOL GU4082 Theoretical Foundations and Applications of Biophysical Methods
- BIOL GU4260 PROTEOMICS LABORATORY
- BIOL GU4290 BIOLOGICAL MICROSCOPY
- BIOL GU4300 DRUGS AND DISEASE
- BIOL GU4305 Seminar in Biotechnology
- BIOC GU4323 Biophysical Chemistry I
- BIOC GU4324 Biophysical Chemistry II
- BCHM GU4501 BIOCHEM I-STRUCTURE/METABOLISM
- BIOC GU4512 MOLECULAR BIOLOGY
- BIOL GU4510 Genomics of Gene Regulation
- BIOL GU4560 EVOL IN THE AGE OF GENOMICS

Required Psychology Courses

1. PSYC UN1001 THE SCIENCE OF PSYCHOLOGY or PSYC UN1021 Science of Psychology: Explorations and Applications
2. PSYC UN2430 COGNITIVE NEUROSCIENCE or PSYC UN2450 BEHAVIORAL NEUROSCIENCE or PSYC UN2470 Fundamentals of Human Neuropsychology
 - Students who have previously taken PSYC UN1010 Mind, Brain and Behavior (no longer offered) may use that course to fulfill this requirement.
3. One statistics or research methods course from the following:
 - PSYC UN1420 RESEARCH METHODS - HUMAN BEHAVIOR
 - PSYC UN1450 RESEARCH METHODS - SOCIAL COGNITION # EMOTION
 - PSYC UN1455 RESEARCH METHODS: SOCIAL/PERSONALITY
 - PSYC UN1490 RESEARCH METHODS - COGNITION/DECISION MAKING
 - PSYC UN1610 STATISTICS-BEHAVIORAL SCIENTISTS
 - PSYC UN1660 Advanced Statistical Inference
 - STAT UN1101 INTRODUCTION TO STATISTICS (formerly *STAT W1111*)
 - STAT UN1201 CALC-BASED INTRO TO STATISTICS (formerly *STAT W1211*)
 - *Please note, STAT UN1001 **does not** count towards the Neuroscience & Behavior major.*
4. One additional 2000- or 3000-level psychology lecture course from a list* approved by the psychology adviser to the program:
 - PSYC S2210Q Cognition: Basic Processes
 - PSYC UN2215 Cognition and the Brain or PSYC S2215D Cognition and the Brain
 - PSYC UN2220 COGNITION: MEMORY AND STRESS
 - PSYC W2225 Attention and Perception
 - PSYC W2230 Perception and Sensory Processes
 - PSYC UN2235 THINKING AND DECISION MAKING or PSYC S2235Q Thinking and Decision Making
 - PSYC UN2250 Evolution of Cognition
 - PSYC UN2280 Developmental Psychology
 - PSYC UN2420 ANIMAL BEHAVIOR
 - PSYC UN2430 COGNITIVE NEUROSCIENCE
 - PSYC UN2440 Language and the Brain
 - PSYC UN2450 BEHAVIORAL NEUROSCIENCE or PSYC S2450Q Behavioral Neuroscience
 - PSYC UN2460 DRUGS AND BEHAVIOR
 - PSYC UN2470 Fundamentals of Human Neuropsychology
 - PSYC UN2480 The Developing Brain
 - PSYC UN2481 Developmental Cognitive Neuroscience
 - PSYC S2490D Evolutionary Psychology
 - PSYC UN2620 ABNORMAL BEHAVIOR or PSYC S2620Q Abnormal Behavior

- PSYC UN2690 Frontiers of Justice

**Please make careful note of this list, as courses not listed here will not count towards the P4 requirement.*

5. One advanced psychology seminar from a list approved by the psychology adviser to the program:

- PSYC W3265 Auditory Perception (Seminar)
- PSYC UN3270 COMPUT APPROACHES-HUMAN VISION
- PSYC UN3280 Seminar In Infant Development or PSYC S3280D Seminar in Infant Development
- PSYC S3285D The Psychology of Disaster Preparedness
- PSYC UN3290 Self: A Cognitive Exploration (Seminar)
- PSYC GU4202 Theories of Change in Human Development
- PSYC GU4222 The Cognitive Neuroscience of Aging (Seminar)
- PSYC GU4223 MEMORY # EXEC FUNCT:LIFESPAN
- PSYC GU4224 Consciousness and Cognitive Science
- PSYC GU4225 CONSCIOUSNESS # ATTENTION
- PSYC GU4229 ATTENTION AND PERCEPTION(Seminar)
- PSYC GU4232 Production and Perception of Language
- PSYC GU4235 SPECIAL TOPICS IN VISION
- PSYC GU4236 Machine Intelligence
- PSYC GU4239 COG NEURO NARRATIVE FILM
- PSYC GU4242 Evolution of Language (seminar)
- PSYC GU4244 LANGUAGE AND MIND
- PSYC GU4250 Evolution of Intelligence, Cognition, and Language (Seminar)
- PSYC GU4265 AUDITORY PERCEPTION
- PSYC GU4270 COGNITIVE PROCESSES
- PSYC G4272 Advanced Seminar in Language Development
- PSYC GU4280 CORE KNOWLEDGE
- PSYC GU4281 The Psychology of Curiosity
- PSYC GU4282 The Neurobiology and Psychology of Play
- PSYC G4285 Multidisciplinary Approaches to Human Decision Making (Seminar)
- PSYC GU4287 DECISION ARCHITECTURE
- PSYC GU4289 THE GAMES PEOPLE PLAY:PSYCH OF STRAT DEC
- PSYC S3410Q Seminar in Emotion
- PSYC W3435 Neurobiology of Reproductive Behavior (Seminar)
- PSYC UN3445 THE BRAIN AND MEMORY
- PSYC UN3450 Evolution of Intelligence, Animal Communication, # Language/ PSYC G4450 The Evolution of Intelligence & Consciousness (Seminar)
- PSYC UN3481 CRITICAL PERIODS IN BRAIN
- PSYC W3484 Life Span Development: Theory and Methods
- PSYC UN3496 NEUROSCIENCE AND SOCIETY or PSYC S3496Q Neuroscience and Society
- PSYC W4415 Methods and Issues in Cognitive Neuroscience (Seminar)
- PSYC GU4420 Animal Cognition (Seminar)
- PSYC GU4430 Learning and the Brain (Seminar)
- PSYC GU4435 NON-MNEMONIC FUNC OF MEMORY SYSTEMS
- PSYC GU4440 TOPICS-NEUROBIOLOGY # BEHAVIOR or PSYC S4440Q Topics in Neurobiology and Behavior
- PSYC G4460 Cognitive Neuroscience and the Media (Seminar)
- PSYC GU4470 PSYCH # NEUROPSYCH OF LANGUAGE
- PSYC GU4480 PSYCHOBIOLOGY OF INFANT DEVPT
- PSYC GU4482 Neural Plasticity
- PSYC G4485 Affective Neuroscience (Seminar)
- PSYC GU4486 Developmental and Affective Neuroscience (Seminar)
- PSYC GU4490 Inheritance (Seminar)
- PSYC GU4491 The Parental Brain
- PSYC G4492 Psychobiology of Stress
- PSYC GU4493 Stress and the Brain
- PSYC G4495 Ethics, Genetics, and the Brain
- PSYC GU4496 Behavioral Neuroimmunology
- PSYC GU4498 BEHAVIORAL EPIGENETICS
- PSYC S3610D The Psychology of Stereotyping & Prejudice
- PSYC UN3615 Children at Risk (Lecture)(Seminar)
- PSYC UN3620 SEM-DEVELOPMNTL PSYCHOPATHOLGY
- PSYC UN3623 TOPICS IN CLINICAL PSYCHOLOGY
- PSYC UN3624 Adolescent Mental Health: Causes, Correlates, Consequences
- PSYC UN3625 CLINICAL NEUROPSYCHOLOGY or PSYC S3625D Clinical Neuropsychology Seminar
- PSYC UN3655 Field Experimentation Methods for Social Psychology
- PSYC UN3661 Happiness Studies Seminar
- PSYC UN3671 Motivation Science

- PSYC UN3680 Social Cognitive Neuroscience (Seminar)/ PSYC GU4685 SOCIAL COGNITIVE NEUROSCIENCE
- PSYC UN3691 Interpersonal Cognition Seminar: Close Relationships, Identity, and Memory
- PSYC UN3693 Stress in an Interpersonal Context
- PSYC GU4612 Frontiers of Justice
- PSYC GU4615 PSYCH OF CULTURE & DIVERS
- PSYC GU4627 Seminar in Anxiety, Obsessive-Compulsive, and Related Disorders
- PSYC GU4630 ADV SEM CURRENT PERS THRY
- PSYC GU4635 The Unconscious Mind (Seminar)
- PSYC GU4645 CULTR,MOTIVATN,PROSOCIAL BEHAV
- PSYC GU4646 Socio-Ecological Psychology
- PSYC GU4670 THRY-SOCIAL/PERSONALITY PSYCH
- PSYC GU4672 MORAL PSYCHOLOGY
- PSYC GU4673 Political Psychology
- PSYC GU4682 FAQs ABOUT LIFE:APPL OF PSYC RSCH TO EVE
- PSYC GU4685 SOCIAL COGNITIVE NEUROSCIENCE
- PSYC GU4686 Barriers and Levers for Behavior Change
- PSYC GU4690 SOCIAL FACTORS # PSYCHOPATHLGY
- PSYC GU4695 Psychology of Close Relationships (Seminar)
- PSYC GU4880 In Service of Equity: Examining Developmental Science through the Lens of Policy

Note: Students wishing to use a seminar course not listed above to meet the P5 seminar requirement must contact their psychology adviser before enrolling to request permission for an exception. Generally speaking, permission for such exceptions is only granted when there is a compelling case related to the student's research or area of study. Students requesting permission to use a course not on this list must ensure that their substantive coursework in the seminar (generally their final paper) is on a neuroscience-focused topic.

Transfer Credit for Psychology Courses Taken Elsewhere

Students should consult a [psychology adviser](#) before registering for psychology courses offered outside the department. With the adviser's approval, one, and only one, course from another institution, including Barnard, may be applied toward the psychology portion of the Neuroscience and Behavior major. Students who wish to obtain credit for a course taken at Barnard or at another institution should complete the [Major Requirement Substitution Form](#). **To be approved for the major, the course should be substantially similar to one offered by this department and approved for this major, and the grade received must be a C- or better if from**

Barnard, or B- or better if from another institution. As of Fall 2019, the Psychology department accepts a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam, to meet the PSYC UN1001 THE SCIENCE OF PSYCHOLOGY requirement. The AP/IB Psychology exam does not count as a course or toward a student's points total for their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course -- approved by the Psychology adviser -- to fulfill the required number of courses for their program.

Advanced Placement (AP) statistics scores will not satisfy the statistics/research methods requirement. Students who have completed AP Statistics are encouraged to enroll in a 1400-level research methods course to fulfill this requirement.

Exceptions to Biology Requirements

Any exceptions must be approved in advance by a biology adviser and students must receive an email notification of that approval. Students may substitute Barnard College courses only with prior permission from a Biology Department adviser.

CONCENTRATION IN PSYCHOLOGY

Please read [Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors](#) (p. 747) above.

The Psychology Concentration requirements changed in 2020. Students entering an undergraduate degree program at Columbia in Fall 2020 or later must complete the new concentration requirements. Students who entered Columbia prior to Fall 2020 may choose to complete either the new concentration requirements or the old ones.

New Concentration Requirements (for students entering Columbia Fall 2020 or later)

Students must complete 7 courses in Psychology or an approved cognate discipline. To count toward the concentration, a course must be taken for 3 or more points. The following requirements must be met:

1. PSYC UN1001 THE SCIENCE OF PSYCHOLOGY or PSYC UN1021 Science of Psychology: Explorations and Applications
2. A Statistics or Research Methods course (PSYC UN1610 STATISTICS-BEHAVIORAL SCIENTISTS, STAT UN1001 INTRO TO STATISTICAL REASONING, STAT UN1101 INTRODUCTION TO STATISTICS, STAT UN1201 CALC-BASED INTRO TO STATISTICS, or a Research Methods course in the PSYC 14xx's)
3. *Either* 3 courses in one group, *or* 1 course in each of the 3 groups: Group I - Cognition & Perception; Group II -

Psychobiology & Neuroscience; Group III - Social, Personality, & Abnormal

4. Additional elective courses in psychology to complete the 7-course requirement

Restrictions on research credits, Barnard credits, non-psychology courses, and transfer credits are modified from those of the psychology major as follows:

- No more than 2 transfer courses from other institutions can be applied toward the concentration.
- No more than 3 total courses from outside Columbia (Barnard and/or transfer) can be applied to the concentration.
- A maximum of 1 non-PSYC course can count toward concentration requirements (e.g., courses taken in the Statistics Department; cognate courses offered through Philosophy, Business, Law, etc.).
- No more than 1 semester of PSYC UN3950 SUPERVISED INDIVIDUAL RESEARCH or other supervised research course (taken for 3 or 4 points) can count towards the concentration.

Except as noted above, other regulations outlined in the Psychology Major section regarding grades, transfer credits, and overlapping courses also apply toward the Psychology Concentration

Old Concentration Requirements (for students entering Columbia prior to Fall 2020)

A concentration in psychology requires a minimum of 18 points, including PSYC UN1001 THE SCIENCE OF PSYCHOLOGY or PSYC UN1021 Science of Psychology: Explorations and Applications and courses in at least two of the three groups listed under “Distribution Requirement” for the psychology major.

Restrictions on research credits, Barnard credits, and transfer credits are modified from those of the psychology major as follows:

1. Only 4 points total may be applied toward the concentration from research or field-work courses, including: PSYC UN3950 Supervised Individual Research, PSYC UN3920 HONORS RESEARCH PSYC BC3466 FIELD WORK # RESEARCH SEMINAR: TODDLER CENTER, PSYC BC3473 CLINICAL FIELD PRACTICUM, PSYC BC3592 Senior Research Seminar, and PSYC BC3599 Individual Projects;
2. Only 5 points from Barnard (including PSYC BC1001 INTRODUCTION TO PSYCHOLOGY) may be applied toward the concentration.
3. Only 5 points total (including any Barnard points) from approved psychology courses taken at other institutions may be applied toward the concentration.

As of Fall 2019, Barnard Lab courses do not count towards the Research Methods requirement of the Psychology Major or Concentration.

Except as noted above, other regulations outlined in the Psychology Major section regarding grades, transfer credits, and overlapping courses also apply toward the Psychology Concentration

PSYC UN1001 THE SCIENCE OF PSYCHOLOGY. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment may be limited. Attendance at the first two class periods is mandatory.

Prerequisites: BLOCKED CLASS. EVERYONE MUST JOIN WAITLIST TO BE ADMITTED

Prerequisites: BLOCKED CLASS. EVERYONE MUST JOIN WAITLIST TO BE ADMITTED Broad survey of psychological science including: sensation and perception; learning, memory, intelligence, language, and cognition; emotions and motivation; development, personality, health and illness, and social behavior. Discusses relations between the brain, behavior, and experience. Emphasizes science as a process of discovering both new ideas and new empirical results. PSYC UN1001 serves as a prerequisite for further psychology courses and should be completed by the sophomore year

Fall 2022: PSYC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/10032	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3.00	201/189
PSYC 1001	002/10033	M W 1:10pm - 2:25pm 501 Schermerhorn Hall	Tina Kao	3.00	123/189
PSYC 1001	003/10034	M W 10:10am - 11:25am 501 Schermerhorn Hall	Svetlana Rosis	3.00	200/189
PSYC 1001	AU2/18762	M W 1:10pm - 2:25pm 501 Schermerhorn Hall	Tina Kao	3.00	4/5
PSYC 1001	AU3/18763	M W 10:10am - 11:25am 501 Schermerhorn Hall	Svetlana Rosis	3.00	5/5

Spring 2023: PSYC UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/14043	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3.00	181/200
PSYC 1001	002/14044	M W 8:40am - 9:55am 301 Uris Hall	Lawrence Reed	3.00	189/230

PSYC UN1021 Science of Psychology: Explorations and Applications. 3.00 points.

UN1021 offers a broad introductory survey of psychological science, discussing relations between the brain, behavior, and experience, with regard to topics including: sensation and perception; learning, memory, language, and cognition; emotions and motivation; development, personality, health and well-being, and social behavior. The course emphasizes science as a process of discovering both new ideas and new empirical results -- and the ways in which psychological research can be used to address real-world challenges

PSYC UN1420 RESEARCH METHODS - HUMAN BEHAVIOR. 4.00 points.

Attendance at the first class is mandatory. Fee: \$70.

Prerequisites: *PSYC W1001* or *PSYC W1010*, and a statistics course (*PSYC W1610* or the equivalent), or the instructor's permission.

Prerequisites: PSYC UN1001 and a statistics course (PSYC UN1610 or the equivalent), or the instructor's permission.

Corequisites: PSYC UN1421 Introduction to the techniques of research employed in the study of human behavior. Students gain experience in the conduct of research, including design of simple experiments, observation and measurement techniques, and the analysis of behavioral data

Spring 2023: PSYC UN1420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1420	001/14045	M 4:10pm - 6:00pm 614 Schermerhorn Hall	Patricia Lindemann	4.00	63/70

PSYC UN1421 RESEARCH METHODS-HUM BEHAV LAB. 0.00 points.

Limited enrollment in each section.

Corequisites: PSYC UN1420

Corequisites: PSYC UN1420

Spring 2023: PSYC UN1421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1421	001/14048	M 7:10pm - 9:00pm 200c Schermerhorn Hall	Patricia Lindemann	0.00	17/17
PSYC 1421	002/14047	T 10:10am - 12:00pm 200c Schermerhorn Hall	Patricia Lindemann	0.00	13/15
PSYC 1421	003/14046	T 12:10pm - 2:00pm 200b Schermerhorn Hall	Patricia Lindemann	0.00	17/15
PSYC 1421	004/19425	T 2:10pm - 4:00pm 200b Schermerhorn Hall	Patricia Lindemann	0.00	17/18

PSYC UN1450 RESEARCH METHODS - SOCIAL COGNITION # EMOTION. 4.00 points.

Attendance at the first class is essential. Priority given to psychology majors. Fee: \$70.

Prerequisites: PSYC UN1001 or PSYC UN1010 and a statistics course (PSYC UN1610 or the equivalent), or the instructor's permission.

Corequisites: PSYC UN1451

An introduction to research methods employed in the study of human social cognition and emotion. Students gain experience in the design and conduct of research, including ethical issues, observation and measurement techniques, interpretation of data, and preparation of written and oral reports

Fall 2022: PSYC UN1450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1450	001/13382	M 10:10am - 12:00pm 330 Uris Hall	Kevin Ochsner	4.00	47/50

PSYC UN1451 RESEARCH METHODS - SOCIAL COGNITION # EMOTION - LAB. 0.00 points.

Limited enrollment in each section.

Corequisites: PSYC UN1450

An introduction to research methods employed in the study of human social cognition and emotion. Students gain experience in the design and conduct of research, including ethical issues, observation and measurement techniques, interpretation of data, and preparation of written and oral reports

Fall 2022: PSYC UN1451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1451	001/13383	W 10:10am - 12:00pm 200b Schermerhorn Hall	Kevin Ochsner	0.00	18/20
PSYC 1451	002/13384	W 10:10am - 12:00pm 200c Schermerhorn Hall	Kevin Ochsner	0.00	18/20
PSYC 1451	003/13387	M 2:10pm - 4:00pm 200c Schermerhorn Hall	Kevin Ochsner	0.00	10/20

PSYC UN1455 RESEARCH METHODS: SOCIAL/ PERSONALITY. 4.00 points.

Fee: \$70.

Prerequisites: PSYC UN1001 or PSYC UN1010 and a statistics course (PSYC UN1610 or the equivalent), or the instructor's permission.

Corequisites: PSYC UN1456

Prerequisites: PSYC UN1001 or PSYC UN1010 and a statistics course (PSYC UN1610 or the equivalent), or the instructors permission. Corequisites: PSYC UN1456 Methodology and procedures of personality and social psychological research and exercises in data analysis and research design. Ethical issues in psychological research. Statistical concepts such as parameter estimation and testing, measurement reliability and validity, merits and limitations of correlational and experimental research designs, and empirical evaluation of theories

PSYC UN1456 RESEARCH METHODS:SOCIAL/ PERSONALITY. 0.00 points.

Limited enrollment in each section.

Corequisite: PSYC UN1455

PSYC UN1490 RESEARCH METHODS - COGNITION/ DECISION MAKING. 4.00 points.

Corequisites: PSYC UN1491

Corequisites: PSYC UN1491 Prerequisites: Science of Psychology (PSYC 1001) or Mind, Brain, - Behavior (PSYC 1010) or equivalent intro psych course, plus an introductory statistics course. Introduces research methods employed in the study of the cognitive and social determinants of thinking and decision making. Students gain experience in the conduct of research, including: design of simple experiments; observation and preference elicitation techniques; the analysis of behavioral data, considerations of validity, reliability, and research ethics; and preparation of written and oral reports. Note: Fee: \$70. Attendance at the first class is essential

Fall 2022: PSYC UN1490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1490	001/10035	M 2:10pm - 4:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	4.00	39/40

PSYC UN1491 RESEARCH METHODS - COGNITION/ DECISION LAB. 0.00 points.

Prerequisites: (PSYC UN1001 or PSYC UN1010) and (PSYC UN1610 or STAT UN1001 or STAT UN1101 or STAT UN1201) Or equivalent introductory psychology and statistics courses.

Corequisites: PSYC UN1490

Prerequisites: PSYC UN1001 and (PSYC UN1610 or STAT UN1001 or STAT UN1101 or STAT UN1201) Or equivalent introductory psychology and statistics courses. Corequisites: PSYC UN1490 Required lab for PSYC UN1490

Fall 2022: PSYC UN1491

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1491	001/10690	M 4:10pm - 6:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0.00	17/16
PSYC 1491	002/10691	T 4:10pm - 6:00pm 200c Schermerhorn Hall	Katherine Fox-Glassman	0.00	6/16
PSYC 1491	003/10692	M 6:10pm - 8:00pm Room TBA	Katherine Fox-Glassman	0.00	16/16

PSYC UN1610 STATISTICS-BEHAVIORAL SCIENTISTS. 4.00 points.

Lecture and lab. Priority given to psychology majors. Fee \$70.

Prerequisites: PSYC UN1001 or PSYC UN1010 Recommended preparation: one course in behavioral science and knowledge of high school algebra.

Corequisites: PSYC UN1611

Prerequisites: PSYC UN1001 or PSYC UN1010 Recommended preparation: one course in behavioral science and knowledge of

high school algebra. Corequisites: PSYC UN1611 Introduction to statistics that concentrates on problems from the behavioral sciences

Fall 2022: PSYC UN1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1610	001/10036	T Th 11:40am - 12:55pm 200b Schermerhorn Hall	Katherine Fox-Glassman	4.00	41/42

PSYC UN1611 STATISTICS-BEHAVIORAL SCIENTISTS-LAB. 0.00 points.

Limited enrollment in each section.

Corequisites: PSYC UN1610

Corequisites: PSYC UN1610 Required lab section for PSYC UN1610

Fall 2022: PSYC UN1611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1611	001/10693	Th 4:10pm - 6:00pm Room TBA	Katherine Fox-Glassman	0.00	15/16
PSYC 1611	002/10694	Th 6:10pm - 8:00pm Room TBA	Katherine Fox-Glassman	0.00	15/16
PSYC 1611	003/18831	F 10:10am - 12:00pm 200b Schermerhorn Hall	Katherine Fox-Glassman	0.00	11/16

PSYC UN1910 Research Ethics in Psychology. 4 points.

Prerequisites: (PSYC UN1001) or equivalent introductory course in psychology.

This course explores the ethical theory, principles, codes and standards applicable to research in psychology and the complexities inherent in ethical research practice.

PSYC UN1930 Behavioral Data Science. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

This course covers the basic skills and knowledge needed to address psychological research questions using data science methods. Topics cover the full scope of a behavioral data science research project including data acquisition, data processing, and data analysis.

PSYC UN1990 Global Behavioral Science. 4.00 points.

This course builds on fundamentals of psychological and behavioral science by exploring reproducibility and replication on a global level. Students will learn from a wide range of studies and their real-world implications

PSYC UN2215 Cognition and the Brain. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not offered during 2022-23 academic year.

Prerequisites: *PSYC UN1001* or *PSYC UN1010* (recommended) or the instructor's permission.

How mental activities -- particularly human cognitive processes -- are implemented in the brain, with some emphasis on

methods and findings of neuroscience. Topics include long term and working memory, attention and executive processes, concepts and categorization, decision making, and language.

PSYC UN2220 COGNITION: MEMORY AND STRESS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement
Attendance at the first class is mandatory.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructors permission. Memory, attention, and stress in human cognition

PSYC UN2235 THINKING AND DECISION MAKING. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: an introductory course in psychology.

Prerequisites: an introductory course in psychology. Models of judgment and decision making in both certain and uncertain or risky situations, illustrating the interplay of top-down (theory-driven) and bottom-up (data-driven) processes in creating knowledge. Focuses on how individuals do and should make decisions, with some extensions to group decision making and social dilemmas

Spring 2023: PSYC UN2235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2235	001/14053	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Katherine Fox-Glassman	3.00	129/135

PSYC UN2250 Evolution of Cognition. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

A systematic review of different forms of cognition as viewed in the context of the theory of evolution. Specific topics include the application of the theory of evolution to behavior, associative learning, biological constraints on learning, methods for studying the cognitive abilities of animals, levels of representation, ecological influences on cognition, and evidence of consciousness in animals.

PSYC UN2280 Developmental Psychology. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment may be limited. Attendance at the first two classes is mandatory.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the equivalent.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the equivalent. Introduction to the scientific study of human development, with an emphasis on psychobiological processes underlying perceptual, cognitive, and emotional development

Fall 2022: PSYC UN2280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2280	001/10038	T Th 4:10pm - 5:25pm 207 Mathematics Building	Nim Tottenham	3.00	119/125

PSYC UN2420 ANIMAL BEHAVIOR. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010 or a college-level biology course, or the instructor's permission.

Introduction to behavioral systems, evolution of behavioral traits, and analysis of behavior. Topics include reproductive and social behavior, mating systems, competition, cooperation, communication, learning, development and the interplay of genes and environment.

PSYC UN2430 COGNITIVE NEUROSCIENCE. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or equivalent introductory course in Psychology

Prerequisites: PSYC UN1001 or equivalent introductory course in Psychology This course provides an in-depth survey of data and models of a wide variety of human cognitive functions.

Drawing on behavioral, neuropsychological, and neuroimaging research, the course explores the neural mechanisms underlying complex cognitive processes, such as perception, memory, and decision making. Importantly, the course examines the logic and assumptions that permit us to interpret brain activity in psychological terms

Spring 2023: PSYC UN2430

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2430	001/14054	M W 2:40pm - 3:55pm 501 Schermerhorn Hall	Mariam Aly	3.00	161/170

PSYC UN2440 Language and the Brain. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010, or the instructor's permission.

Introduction to psychological research on human language and communication and to brain mechanisms supporting language processing. Topics include comprehension and production of speech sounds, words and sentences; reading and writing; bilingualism; communication behavior.

PSYC UN2450 BEHAVIORAL NEUROSCIENCE. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructor's permission.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the instructors permission. Examines the principles governing

neuronal activity, the role of neurotransmitter systems in memory and motivational processes, the presumed brain dysfunctions that give rise to schizophrenia and depression, and philosophical issues regarding the relationship between brain activity and subjective experience

Spring 2023: PSYC UN2450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2450	001/14056	M W 10:10am - 11:25am 141 Uris Hall	Alfredo Spagna	3.00	62/65

PSYC UN2460 DRUGS AND BEHAVIOR. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC W1001* or *PSYC W1010*, or the equivalent.
Prerequisites: *PSYC W1001* or *PSYC W1010*, or the equivalent. The effects of psychoactive drugs on the brain and behavior

Fall 2022: PSYC UN2460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2460	001/10354	T Th 8:40am - 9:55am 501 Schermerhorn Hall	Carl Hart	3.00	148/189

PSYC UN2470 Fundamentals of Human Neuropsychology. 3.00 points.

Fundamentals of Human Neuropsychology is an intermediate-level lecture course, which explores how the analysis of lesion patterns extended across brain networks has offered invaluable insights on the relationship between brain and behavior and deepened our understanding of the causal relationships between brain lesions and their clinical consequences

Fall 2022: PSYC UN2470

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2470	001/10039	M W 10:10am - 11:25am 203 Mathematics Building	Alfredo Spagna	3.00	67/110

PSYC UN2480 The Developing Brain. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC UN1001* or *PSYC UN1010*, or the instructor's permission.

Brain development across the life span, with emphasis on fetal and postnatal periods. How the environment shapes brain development and hence adult patterns of behavior.

PSYC UN2610 INTRODUCTION TO PERSONALITY. 3.00 points.

Prerequisites: an introductory psychology course.

A survey of the important methods, findings, and theories in the field of personality research.

Spring 2023: PSYC UN2610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PSYC 2610	001/14058	T Th 10:10am - 11:25am 313 Fayerweather	Usha Barahmand	3.00	66/78
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PSYC UN2620 ABNORMAL BEHAVIOR. 3.00 points.

Prerequisites: An introductory psychology course. Examines definitions, theories, and treatments of abnormal behavior

Fall 2022: PSYC UN2620

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2620	001/10040	T Th 4:10pm - 5:25pm 501 Schermerhorn Hall	E'mett McCaskill	3.00	190/189

PSYC UN2630 SOCIAL PSYCHOLOGY. 3.00 points.

Surveys important methods, findings, and theories in the study of social influences on behavior. Emphasizes different perspectives on the relation between individuals and society.

Fall 2022: PSYC UN2630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2630	001/10041	T Th 2:40pm - 3:55pm 501 Schermerhorn Hall	Tory Higgins	3.00	106/150

PSYC UN2640 INTRO TO SOCIAL COGNITION. 3.00 points.

Prerequisites: an introductory course in psychology or the instructor's permission.

Prerequisite: An introductory psychology course. An introduction to basic concepts in social cognition, an approach to understanding social judgment and behavior by investigating the underlying mental processes. Topics include attitudes, identity, and prejudice, among others

PSYC UN2650 INTRO TO CULTURAL PSYCHOLOGY. 3.00 points.

Prerequisites: none; some basic knowledge of social psychology is desirable.

A comprehensive examination of how culture and diversity shape psychological processes. The class will explore psychological and political underpinnings of culture and diversity, emphasizing social psychological approaches. Topics include culture and social cognition, group and identity formation, psychology of multiculturalism, stereotyping, prejudice, and gender. Applications to real-world phenomena discussed.

PSYC UN2670 Social Development. 3 points.

Prerequisites: *PSYC UN1001* or *PSYC UN1010*, or the equivalent.

This lecture course introduces students to the study of typical human social development with a particular focus on genetic, familial and peer influences on the development of social behaviors during early childhood.

PSYC UN2690 Frontiers of Justice. 4.00 points.

Frontiers of Justice is designed to encourage students and equip them with the skills to become active and effective “Change Agents” within their academic institutions and larger communities. Oriented by the question, What does justice look like?, this course aims to raise political and social awareness and engagement with the challenges facing New York City and strengthen ties between Columbia University, disadvantaged communities, and city government agencies and community organizations. Through sharing ideas about how to make structural and systemic change in ways that integrate science, law, politics, history, narrative and community engagement, the course is intended to support students in working to break down racial and ethnic barriers and toward a more fair and just society

PSYC UN3270 COMPUT APPROACHES-HUMAN VISION. 3.00 points.

This course will be offered in Fall 2016.

Prerequisites: some background in psychology and/or neurophysiology (e.g., PSYC UN1001, PSYC UN1010, PSYC UN2230, PSYC UN2450; BIOL UN3004 or BIOL UN3005) is desirable. See instructor if you have questions about your background. Some background in mathematics and computer science (e.g., calculus or linear algebra, a programming language) is highly recommended.

Prerequisites: some background in psychology and/or neurophysiology (e.g. PSYC UN1001, PSYC UN1010, PSYC UN2230, PSYC UN2450; BIOL UN3004 or BIOL UN3005) is desirable. See instructor if you have questions about your background. Some background in mathematics and computer science (e.g. calculus or linear algebra, a programming language) is highly recommended. Study of human vision--both behavioral and physiological data--within a framework of computational and mathematical descriptions. Please contact Prof. Graham by e-mail (nvg1@columbia.edu) if you are interested in this course

PSYC UN3280 Seminar In Infant Development. 3 points.

Prerequisites: a course in perception, cognition or developmental psychology, and the instructor's permission. Analysis of human development during the first year of life, with an emphasis on infant perceptual and cognitive development.

PSYC UN3290 Self: A Cognitive Exploration (Seminar). 4 points.

Not offered during 2022-23 academic year.

Prerequisites: PSYC UN1001 or PSYC UN1010, or the equivalent, plus the instructor's permission. What does it mean to have a sense of self? Is it uniquely human? Taking a cognitive perspective, we will discuss these questions as well as self-reflective and self-monitoring abilities, brain structures relevant to self-processing, and disorders of self. We will also consider the self from evolutionary,

developmental, neuroscience, and psychopathological perspectives.

PSYC UN3445 THE BRAIN AND MEMORY. 4.00 points.

Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology and the instructor's permission

Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology and the instructor's permission This seminar will give a comprehensive overview of episodic memory research: what neuroimaging studies, patient studies, and animal models have taught us about how the brain creates, stores, and retrieves memories

Fall 2022: PSYC UN3445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3445	001/10052	M 2:10pm - 4:00pm 405 Schermerhorn Hall	Mariam Aly	4.00	12/12

PSYC UN3450 Evolution of Intelligence, Animal Communication, # Language. 3.00 points.

Prerequisites: PSYC UN1001 or PSYC UN1010, and the instructor's permission.

Prerequisites: PSYC UN1001, and the instructor's permission. A systematic review of the evolution language covering the theory of evolution, conditioning theory, animal communication, ape language experiments, infant cognition, preverbal antecedents of language and contemporary theories of language

Fall 2022: PSYC UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3450	001/10053	T 2:10pm - 4:00pm 405 Schermerhorn Hall	Herbert Terrace	3.00	11/12

Spring 2023: PSYC UN3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3450	001/14059	Th 2:10pm - 4:00pm 405 Schermerhorn Hall	Herbert Terrace	3.00	11/12

PSYC UN3481 CRITICAL PERIODS IN BRAIN. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN1010 or equivalent course in neuroscience or cognitive psychology.

The majority of our mental capacities—ranging from basic sensory functions to more advanced social, emotional and cognitive capabilities—take many years to develop and are highly influenced by environmental signals encountered during particular developmental ‘critical periods’. In this seminar we will explore examples of these periods across diverse brain systems and behaviors, ranging from vision and audition to social, emotional and cognitive development, by considering each example in the context of human brain function and behavior as well as at the level of more detailed neurobiological

mechanisms underlying these changes elucidated by studies using non-human animal systems.

Spring 2023: PSYC UN3481

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3481	001/14060	Th 10:10am - 12:00pm 405 Schermerhorn Hall	Sarah Canetta	4.00	14/12

PSYC UN3496 NEUROSCIENCE AND SOCIETY. 3.00 points.

Prerequisites: Science of Psychology (PSYC 1001) or Mind, Brain, & Behavior (PSYC 1010), or equivalent introductory psychology course. Students who have not taken one of these courses may also be admitted with instructor permission.

This course investigates the ways in which research in human neuroscience both reflects and informs societal issues. Topics include how neuroscience research is interpreted and applied in areas such as healthcare, education, law, consumer behavior, and public policy

Fall 2022: PSYC UN3496

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3496	001/10054	W 6:10pm - 8:00pm 405 Schermerhorn Hall	Jenna Reinen	3.00	11/12

PSYC UN3615 Children at Risk (Lecture). 4 points.

Prerequisites: PSYC UN1010, PSYC UN2280, PSYC UN2620, or PSYC UN2680, and the instructor's permission.

Considers contemporary risk factors in children's lives. The immediate and enduring biological and behavioral impact of risk factors.

PSYC UN3620 SEM-DEVELOPMNTL PSYCHOPATHOLGY. 4.00 points.

Prerequisites: at least two of the following courses: (UN1001, UN1010, UN2280, UN2620, UN2680, UN3280) and the instructor's permission.

Prerequisites: at least two of the following courses: (UN1001, UN1010, UN2280, UN2620, UN2680, UN3280) and the instructor's permission. Developmental psychopathology posits that it is development itself that has gone awry when there is psychopathology. As such, it seeks to understand the early and multiple factors contributing to psychopathology emerging in childhood and later in life. We will use several models (e.g. ones dominated by biological, genetic, and psychological foci) to understand the roots of mental illness

Spring 2023: PSYC UN3620

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3620	001/14061	M 2:10pm - 4:00pm 405 Schermerhorn Hall	Hannah Hoch	4.00	14/12

PSYC UN3621 Creativity and the Good Life. 4 points.

Prerequisites: PSYC UN1001 or equivalent introductory psychology course

Is it possible to make sense of something as elusive as creativity? Yes, it is. This seminar will review the latest science of creativity, and how creativity is relevant to everyday life, society, and the good life. A wide variety of perspectives within the field will be highlighted, including different theories of the creative process and ways of assessing creativity.

PSYC UN3623 TOPICS IN CLINICAL PSYCHOLOGY. 4.00 points.

Prerequisites: (PSYC UN1001) Instructor permission required.

Prerequisites: (PSYC UN1001) Instructor permission required.

A seminar for advanced undergraduate students exploring different areas of clinical psychology. This course will provide you with a broad overview of the endeavors of clinical psychology, as well as discussion of its current social context, goals, and limitations

Fall 2022: PSYC UN3623

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3623	001/10058	W 10:10am - 12:00pm 505 Lewisohn Hall	Hannah Hoch	4.00	14/15

Spring 2023: PSYC UN3623

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3623	001/14062	W 12:10pm - 2:00pm 200b Schermerhorn Hall	Irit Felsen	4.00	15/14
PSYC 3623	002/14063	Th 4:10pm - 6:00pm 200c Schermerhorn Hall	Jeffrey Cohen	4.00	12/12

PSYC UN3624 Adolescent Mental Health: Causes, Correlates, Consequences. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 and Prior coursework in Abnormal Psychology and Research Methods strongly preferred.

Prerequisites: PSYC UN1001 and Prior coursework in Abnormal Psychology and Research Methods strongly preferred. Adolescence is a peak period for the onset of mental disorders and suicidal behaviors. The seminar is designed to enhance understanding of topics including, prevalence, etiology, risk factors, mechanisms, prevention and treatment approaches, and ethical considerations related to clinical research

Fall 2022: PSYC UN3624

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3624	001/10059	T 10:10am - 12:00pm 405 Schermerhorn Hall	Randy Auerbach	4.00	13/12

PSYC UN3625 CLINICAL NEUROPSYCHOLOGY. 3.00 points.

Prerequisites: an introductory course in neuroscience, like PSYC UN1010 or PSYC UN2450, and the instructor's permission.

Prerequisites: an introductory course in neuroscience, like PSYC UN1010 or PSYC UN2450, and the instructor's permission. Analysis of the assessment of physical and psychiatric diseases impacting the central nervous system, with emphasis on the relationship between neuropathology and cognitive and behavioral deficits

PSYC UN3661 Happiness Studies Seminar. 3 points.

The aim of the course is to introduce students to the field of happiness studies. Drawing on research from the field of psychology, systems thinking, psychology, neuroscience, and other disciplines, the course explores key components of personal, interpersonal, and societal happiness.

PSYC UN3680 Social Cognitive Neuroscience (Seminar). 3 points.

Not offered during 2022-23 academic year.

Prerequisites: at least two of the following courses: PSYC UN1001, PSYC UN1010, PSYC UN2630, PSYC UN3410, PSYC UN3480, PSYC UN3485; and the instructor's permission.

An introduction to the emerging interdisciplinary field of social cognitive neuroscience, which examines topics traditionally of interest to social psychologists (including control and automaticity, emotion regulation, person perception, social cooperation) using methods traditionally employed by cognitive neuroscientists (functional neuroimaging, neuropsychological assessment).

PSYC UN3690 The Self in Social Context (Seminar). 4 points.

Prerequisites: PSYC UN1001 or UN1010, or the equivalent, and the instructor's permission.

This course centers on understanding the self embedded in the social context. We will integrate knowledge from various areas of psychology (developmental, cognitive, social cognition) with a main focus in social psychology. This course will provide the opportunity to gain an understanding of research in the following areas: the development of self in a social context, the relationship between the self and the broader socio-cultural context, the impact of self-involvement on social/cognitive processes, and contemporary research on individual differences.

PSYC UN3691 Interpersonal Cognition Seminar: Close Relationships, Identity, and Memory. 4 points.

Prerequisites: PSYC UN2630 or PSYC UN2640 Instructor permission. 1 course in research methods

What makes people 'click'? How does interpersonal closeness develop? How do close relationships influence our thought processes, behaviors, and identities? How do our conversations with relationship partners change our memories of events and our perceptions of reality? And finally, what are the implicit and explicit cognitive mechanisms underlying these processes?

The primary objective of this course will be to provide you with the relevant literature, theoretical background, methodological proficiency, and critical thinking and communication skills to

articulate your own answers to these questions, and to propose future studies in the field.

PSYC UN3910 HONORS SEMINAR. 1.00 point.

Prerequisites: open to students in the honors program only. Discussion of a variety of topics in psychology, with particular emphasis on recent developments and methodological problems. Students propose and discuss special research topics

PSYC UN3920 HONORS RESEARCH. 1.00-4.00 points.

May be repeated for additional credit.

Prerequisites: open to students in the honors program only.

Prerequisites: open to students in the honors program only. Except by special permission of the director of undergraduate studies, no more than 4 points of individual research may be taken in any one term. This includes both PSYC UN3950 and PSYC UN3920. No more than 12 points of PSYC UN3920 may be applied toward the honors program in psychology. Special research topics arranged with the instructors of the department leading toward a senior honors paper

PSYC UN3950 SUPERVISED INDIVIDUAL RESEARCH. 1.00-4.00 points.

1-4 points. May be repeated for credit. Prerequisites: the instructors permission. Except by special permission of the director of undergraduate studies, no more than 4 points of individual research may be taken in any one term. This includes both PSYC UN3950 and PSYC UN3920. No more than 8 points of PSYC UN3950 may be applied toward the psychology major, and no more than 4 points toward the concentration. Readings, special laboratory projects, reports, and special seminars on contemporary issues in psychological research and theory

Fall 2022: PSYC UN3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3950	001/10068		Mariam Aly	1.00-4.00/5	
PSYC 3950	002/10069			1.00-4.00/5	
PSYC 3950	003/10070		Christopher Baldassano	1.00-4.00/5	
PSYC 3950	004/10071		Niall Bolger	1.00-4.00/5	
PSYC 3950	005/10072		Lila Davachi	1.00-4.00/5	
PSYC 3950	006/10073		Geraldine Downey	1.00-4.00/5	
PSYC 3950	007/10074		Katherine Fox-Glassman	1.00-4.00/5	
PSYC 3950	008/10075		Norma Graham	1.00-4.00/5	
PSYC 3950	009/10076		Carl Hart	1.00-4.00/5	
PSYC 3950	010/10077		Larisa Heiphetz	1.00-4.00/5	
PSYC 3950	011/10078		Tory Higgins	1.00-4.00/5	
PSYC 3950	012/10079		Donald Hood	1.00-4.00/5	
PSYC 3950	013/10080		Sheena Iyengar	1.00-4.00/5	

PSYC 3950 014/10081	Nikolaus Kriegeskorte	1.00-4.00/5
PSYC 3950 015/10082	Patricia Lindemann	1.00-4.00/5
PSYC 3950 016/10083	Caroline Marvin	1.00-4.00/5
PSYC 3950 017/10084	Janet Metcalfe	1.00-4.00/5
PSYC 3950 018/10085	Michael Morris	1.00-4.00/5
PSYC 3950 019/10086	Kevin Ochsner	1.00-4.00/5
PSYC 3950 021/10087	Valerie Purdie-Greenaway	1.00-4.00/5
PSYC 3950 022/10088	Daphna Shohamy	1.00-4.00/5
PSYC 3950 023/10089	Rae Silver	1.00-4.00/5
PSYC 3950 024/10090	Alfredo Spagna	1.00-4.00/5
PSYC 3950 025/10091	Ursula Staudinger	1.00-4.00/5
PSYC 3950 026/10092	Yaakov Stern	1.00-4.00/5
PSYC 3950 027/10093	Herbert Terrace	1.00-4.00/5
PSYC 3950 028/10094	Nim Tottenham	1.00-4.00/5
PSYC 3950 030/10095	Sarah Woolley	1.00-4.00/5

Spring 2023: PSYC UN3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3950 001/14067			Mariam Aly	1.00-4.00/5	
PSYC 3950 002/14068			Dima Amso	1.00-4.00/5	
PSYC 3950 003/14069			Christopher Baldassano	1.00-4.00/5	
PSYC 3950 004/14070			Niall Bolger	1.00-4.00/5	
PSYC 3950 005/14071			Lila Davachi	1.00-4.00/5	
PSYC 3950 006/14072			Geraldine Downey	1.00-4.00/5	
PSYC 3950 007/14073			Katherine Fox-Glassman	1.00-4.00/5	
PSYC 3950 008/14074			Jon Freeman	1.00-4.00/5	
PSYC 3950 009/14075			Norma Graham	1.00-4.00/5	
PSYC 3950 010/14076			Carl Hart	1.00-4.00/5	
PSYC 3950 011/14077			Larisa Heiphetz	1.00-4.00/5	
PSYC 3950 012/14078			Tory Higgins	1.00-4.00/5	
PSYC 3950 013/14079			Donald Hood	1.00-4.00/5	
PSYC 3950 014/14080			Sheena Iyengar	1.00-4.00/5	
PSYC 3950 015/14081			Nikolaus Kriegeskorte	1.00-4.00/5	
PSYC 3950 016/14082			Patricia Lindemann	1.00-4.00/5	

PSYC 3950 017/14083	Bianca Marlin	1.00-4.00/5
PSYC 3950 018/14084	Caroline Marvin	1.00-4.00/5
PSYC 3950 019/14085	Janet Metcalfe	1.00-4.00/5
PSYC 3950 020/14086	Michael Morris	1.00-4.00/5
PSYC 3950 021/14087	Kevin Ochsner	1.00-4.00/5
PSYC 3950 022/14088	Valerie Purdie-Greenaway	1.00-4.00/5
PSYC 3950 023/14089	Daphna Shohamy	1.00-4.00/5
PSYC 3950 024/14090	Rae Silver	1.00-4.00/5
PSYC 3950 025/14091	Alfredo Spagna	1.00-4.00/5
PSYC 3950 026/14092	Yaakov Stern	1.00-4.00/5
PSYC 3950 027/14093	Herbert Terrace	1.00-4.00/5
PSYC 3950 028/14094	Nim Tottenham	1.00-4.00/5
PSYC 3950 029/14095	Sarah Woolley	1.00-4.00/5

PSYC GU4202 Theories of Change in Human Development. 4.00 points.

What are the agents of developmental change in human childhood? How has the scientific community graduated from nature versus nurture, to nature and nurture? This course offers students an in-depth analysis of the fundamental theories in the study of cognitive and social development

Fall 2022: PSYC GU4202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4202 001/10046		W 10:10am - 12:00pm 405 Schermerhorn Hall	Dima Amso	4.00	13/15

Spring 2023: PSYC GU4202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4202 001/14096		W 10:10am - 12:00pm 200c Schermerhorn Hall	Dima Amso	4.00	11/18

PSYC GU4222 The Cognitive Neuroscience of Aging (Seminar). 4 points.

Prerequisites: courses in introductory psychology and cognitive psychology; and the instructor's permission.

Comprehensive overview of various conceptual and methodologic approaches to studying the cognitive neuroscience of aging. The course will emphasize the importance of combining information from cognitive experimental designs, epidemiologic studies, neuroimaging, and clinical neuropsychological approaches to understand individual differences in both healthy and pathological aging.

PSYC GU4223 MEMORY # EXEC FUNCT:LIFESPAN. 4.00 points.

Prerequisites: the instructor's permission, plus PSYC UN1001 or PSYC UN1010, or the equivalent. Optimal preparation will include some background in experimental design and statistics. Prerequisites: the instructors permission, plus PSYC UN1001 or PSYC UN1010, or the equivalent. Optimal preparation will include some background in experimental design and statistics. Memory and executive processing are critical cognitive functions required for successfully navigating everyday life. In lifespan studies, both exhibit relatively long developmental trajectories followed by stasis and then relative decline in old age. Yet, neither memory nor executive function is a unitary construct. Rather, each is comprised of separable components that may show different developmental trajectories and declines or maintenance at older ages. Moreover, memory is malleable and is a reconstruction of past experience, not an exact reproduction. We will discuss a range of topics related to the development, maintenance and potential decline in memory and executive function from infancy through old age

PSYC GU4224 Consciousness and Cognitive Science. 4.00 points.

Our human experience is rich: the thrill of falling in love, the spark of a new idea, the zing of table salt, the sharpness of pain. For thousands of years, philosophers, artists, and religious scholars have tried to explain our subjective experience. More recently, neuroscientists and artificial intelligence experts have contributed to this discussion, weighing in on whether we are "more than meat" (as Descartes famously put it), and whether computers can ever be sentient. In this class, we will begin with the big questions and an interdisciplinary overview of consciousness, then delve into psychology's role. Using literature from perception, memory, emotion, metacognition, attention, and symbolic development, among other areas of psychology, we will see what empirical evidence can tell us about who we are, what we are able to know, and why we even have an experience of the world at all

Fall 2022: PSYC GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4224	001/10047	W 2:10pm - 4:00pm 200c Schermerhorn Hall	Nora Isacoff	4.00	15/14

PSYC GU4225 CONSCIOUSNESS # ATTENTION. 4.00 points.

Prerequisites: the instructor's permission; some basic knowledge of cognitive science and neuroanatomy is desirable, but not necessary.

Modern theories attempt to characterize the human mind in terms of information processing. But machines that process information do not seem to feel anything; a computer may for instance receive inputs from a video camera, yet it would be hard to imagine that it sees or experiences the vividness of colors like we do. Nobody has yet provided a convincing theory as to how to explain the subjective nature of our mental lives in objective physical terms. This is called the problem of

consciousness, and is generally considered to be one of the last unsolved puzzles in science. Philosophers even debate whether there could be a solution to this problem at all. Students in this course may be recruited for participation in a voluntary research study. Students who choose not to participate in the study will complete the same course requirements as those who do, and an individual's choice will not affect their grade or status as a student in the course

Spring 2023: PSYC GU4225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4225	001/14097	T 12:10pm - 2:00pm 200c Schermerhorn Hall	Alfredo Spagna	4.00	12/12

PSYC GU4229 ATTENTION AND PERCEPTION. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology
Prerequisites: (PSYC UN1010) or Equivalent introductory course in neuroscience or cognitive psychology This seminar aims to provide an in-depth overview of neuroscientific knowledge regarding two critical cognitive functions: attention and perception. For each topic, results from behavioral studies are combined with those from recent neurocognitive approaches – primarily neuropsychological and functional brain imaging studies – that reveal the underlying neural networks and brain mechanisms

PSYC GU4232 Production and Perception of Language. 4 points.

Prerequisites: two courses in Psychology and the instructor's permission.

Topics include phonetic expression, motoric and perceptual organization, speech codes and memory codes, spoken word recognition, phrase formation, and the effects of context in perception and production.

PSYC G4230 Sensation and Perception (Seminar). 3 points. Not offered during 2022-23 academic year.

Prerequisites: the instructor's permission; some background in perception is required.

Topics on the perception of space. Discussions, reviews, and recent literature.

PSYC GU4235 SPECIAL TOPICS IN VISION. 3.00 points.

This course will be offered in Fall 2016. May be repeated for additional credit.

Prerequisites: the instructor's permission. Please contact Prof. Graham by e-mail (nvg1@columbia.edu) if you are interested in this course.

Prerequisites: the instructors permission. Please contact Prof. Graham by e-mail (nvg1@columbia.edu) if you are interested in this course

PSYC GU4236 Machine Intelligence. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

This course will survey historical and modern developments in machine intelligence from fields such as psychology, neuroscience, and computer science, and from intellectual movements such as cybernetics, artificial intelligence, neural networks, connectionism, machine learning, and deep learning. The emphasis is on the conceptual understanding of topics. The course does not include, nor require background in, computer programming and statistics. A crucial aspect of the seminar is for students to become informed consumers of applications of artificial intelligence

Fall 2022: PSYC GU4236

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4236	001/10049	T 6:10pm - 8:00pm 405 Schermerhorn Hall	Trenton Jerde	4.00	15/16

Spring 2023: PSYC GU4236

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4236	001/14098	T 6:10pm - 8:00pm 405 Schermerhorn Hall	Trenton Jerde	4.00	18/16

PSYC GU4239 COG NEURO NARRATIVE FILM. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN1010 or Equivalent introductory course in neuroscience or cognitive psychology)
Prerequisites: (PSYC UN1010 or Equivalent introductory course in neuroscience or cognitive psychology) This seminar will provide a broad survey of how narrative stories, films, and performances have been used as tools to study cognition in psychology and neuroscience

Fall 2022: PSYC GU4239

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4239	001/10050	M 10:10am - 12:00pm 200c Schermerhorn Hall	Christopher Baldassano	3.00	13/12

PSYC GU4242 Evolution of Language (seminar). 3.00 points.

Prerequisites: PSYC UN1001 or

This seminar will consider the evolution of language at the levels of the word and grammar, in each instance, phylogenetically and ontogenetically. Since humans are the only species that use language, attention will be paid to how language differs from animal communication.

Spring 2023: PSYC GU4242

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4242	001/14099	T 2:10pm - 4:00pm 405 Schermerhorn Hall	Herbert Terrace	3.00	10/12

PSYC GU4244 LANGUAGE AND MIND. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 and Preferably, an additional course in psychology, focusing on cognition, development, or research methods. Instructor permission required.

Prerequisites: PSYC UN1001 and Preferably, an additional course in psychology, focusing on cognition, development, or research methods. Instructor permission required. This seminar explores the relationship between language and thought by investigating how language is mentally represented and processed; how various aspects of language interact with each other; and how language interacts with other aspects of cognition including perception, concepts, world knowledge, and memory. Students will examine how empirical data at the linguistic, psychological, and neuroscientific levels can bear on some of the biggest questions in the philosophy of mind and language and in psychology

PSYC GU4250 Evolution of Intelligence, Cognition, and Language (Seminar). 3 points.

Prerequisites: PSYC UN1001 or PSYC UN1010 or the equivalent, based on instructor assessment, plus one of the instructors' permission.

How did language evolve and why are human beings the only species to use language? How did the evolution of social intelligence, in particular, cooperation, set the stage for the origin of language and consciousness? We will explore how psychologists, philosophers, neuroscientists, anthropologists, biologists and computational scientists, among others, have collaborated during recent years to produce important insights in the evolution of intelligence, consciousness and language.

PSYC GU4265 AUDITORY PERCEPTION. 3.00 points.

Prerequisites: PSYC UN1010 PSYC UN1010 or equivalent; background in statistics/research methods recommended
Prerequisites: PSYC UN1010 PSYC UN1010 or equivalent; background in statistics/research methods recommended
How does the human brain make sense of the acoustic world? What aspects of auditory perception do humans share with other animals? How does the brain perform the computations necessary for skills such as sound localization? How do we focus our auditory attention on one voice in a crowd? What acoustic cues are important for speech perception? How is music perceived? These are the types of questions we will address by studying the basics of auditory perception from textbook readings and reviews, and reading classic and current literature to understand scientific progress in the field today

PSYC GU4270 COGNITIVE PROCESSES. 3.00 points.

Prerequisites: For undergraduates: one course in cognitive psychology or cognitive neuroscience, or the equivalent, and the instructor's permission.

Prerequisites: For undergraduates: one course in cognitive psychology or cognitive neuroscience, or the equivalent, and the instructors permission. Metacognition and control processes in human cognition. Basic issues include the cognitive mechanisms that enable people to monitor what they know and

predict what they will know, the errors and biases involved in self-monitoring, and the implications of metacognitive ability for peoples self-determined learning, behavior, and their understanding of self

Spring 2023: PSYC GU4270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4270	001/14100	T 12:10pm - 2:00pm 405 Schermerhorn Hall	Janet Metcalfe	3.00	13/12

PSYC GU4280 CORE KNOWLEDGE. 4.00 points.

Prerequisites: For undergraduates: courses in introductory psychology, cognitive or developmental psychology, and the instructor's permission.

Prerequisites: For undergraduates: courses in introductory psychology, cognitive or developmental psychology, and the instructors permission. Core Knowledge explores the origins and development of knowledge in infants and children, with an additional emphasis on evolutionary cognition. In this course, we will examine evidence from cognitive psychology, developmental psychology, comparative psychology, neuroscience, and linguistics to look at the child's conception of objects, number, space, language, agency, morality and the social world. We will look at which aspects of knowledge are uniquely human, which are shared with other animals, and how this knowledge changes as children develop

Spring 2023: PSYC GU4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4280	001/14101	W 2:10pm - 4:00pm 405 Schermerhorn Hall	Koleen McCrink	4.00	14/16

PSYC GU4281 The Psychology of Curiosity. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or equivalent introductory psychology course

Prerequisites: PSYC UN1001 or equivalent introductory psychology course What is curiosity and how do we study it? How does curiosity facilitate learning? This course will explore the various conceptual and methodological approaches to studying curiosity and curiosity-driven learning, including animal and human studies of brain and behavior

PSYC GU4282 The Neurobiology and Psychology of Play. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Play is a highly rewarding activity that is considered critical to cognitive, social, and emotional development. How do we define play and how do we study it? How does play help humans and other animals learn about their world and prepare them for adulthood? This course will examine the latest developments in the field of play from various methodological approaches to understand the relationship between play, learning, and normative development.

PSYC GU4287 DECISION ARCHITECTURE. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN2235) or an equivalent course on judgment and decision making .AND the instructor's permission

Prerequisites: (PSYC UN2235) or an equivalent course on judgment and decision making .AND the instructors permission This course reviews current research in the domain of decision architecture: the application of research in cognitive and social psychology to real-world situations with the aim of influencing behavior. This seminar will discuss recent and classic studies, both of decision theory and of applied decision research, to explore the effectiveness—as well as the limitations—of a selection of these behavioral “nudges.”

Spring 2023: PSYC GU4287

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4287	001/14102	W 10:10am - 12:00pm 405 Schermerhorn Hall	Katherine Fox-Glassman	4.00	11/12

PSYC GU4289 THE GAMES PEOPLE PLAY:PSYCH OF STRAT DEC. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN2235) or equivalent course on judgment and decision-making

Prerequisites: (PSYC UN2235) or equivalent course on judgment and decision-making A seminar course exploring strategic decision making (also known as behavioral game theory). This course examines the psychology underlying situations in which outcomes are determined by choices made by multiple decision makers. The prime objective will be to examine the use of experimental games to test psychological theories

PSYC GU4420 Animal Cognition (Seminar). 3 points.

Prerequisites: For undergraduates: the instructor's permission.

Seminar concerning a nonverbal animal's use of internal representations of past experience as a basis for action. Topics include how representations are formed, what aspects of experience are encoded, how information is stored, and how it is used later to guide behavior.

PSYC GU4430 Learning and the Brain (Seminar). 4 points.

Prerequisites: courses in introductory psychology and/or neuroscience, and the instructor's permission.

What are the neural mechanisms that support learning, memory, and choices? We will review current theories in the cognitive neuroscience of human learning, discuss how learning and decision making interact, and consider the strengths and weaknesses of two influential methods in the study of human brain and behavior--functional imaging and patient studies.

PSYC GU4435 NON-MNEMONIC FUNC OF MEMORY SYSTEMS. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: (PSYC UN1010) or equivalent introductory course in neuroscience or cognitive psychology
 Prerequisites: (PSYC UN1010) or equivalent introductory course in neuroscience or cognitive psychology The past decade has produced an extraordinary amount of evidence that challenges the classic view of a “medial temporal lobe memory system”, namely, the idea that the medial temporal lobe plays a necessary role in long-term memory but not other cognitive functions. This course will introduce these challenges to the traditional perspective by exploring functions of the so-called memory system in domains outside of long-term memory

Fall 2022: PSYC GU4435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4435	001/10055	F 2:10pm - 4:00pm 405 Schermerhorn Hall	Mariam Aly	4.00	9/12

PSYC GU4440 TOPICS-NEUROBIOLOGY # BEHAVIOR. 3.00 points.

Prerequisites: the instructors permission. Examines current topics in neurobiology and behavior

Fall 2022: PSYC GU4440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4440	001/12191	Th 12:10pm - 2:00pm 405 Schermerhorn Hall	Yunglin Gazes	3.00	12/12

Spring 2023: PSYC GU4440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4440	001/14103	M 6:10pm - 8:00pm 405 Schermerhorn Hall	Carl Hart	3.00	12/12
PSYC 4440	002/14104	T 10:10am - 12:00pm 405 Schermerhorn Hall	Victoria Leavitt	3.00	9/12

PSYC GU4470 PSYCH # NEUROPSYCH OF LANGUAGE. 4.00 points.

Prerequisites: the instructor's permission. A course in the psychology of language or linguistics is highly recommended. This seminar surveys current theories of language production. We will examine psycholinguistic and neuroimaging studies of word and sentence production conducted with monolingual and bilingual speakers, and individuals with acquired language impairments.

Fall 2022: PSYC GU4470

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4470	001/10056	T 4:10pm - 6:00pm 405 Schermerhorn Hall	Michele Miozzo	4.00	12/12

PSYC GU4480 PSYCHOBIOLOGY OF INFANT DEVPT. 4.00 points.

Prerequisites: (PSYC UN1001 or PSYC UN1010) and a course in developmental psychology, and the instructor's permission.

Prerequisites: (PSYC UN1001 or PSYC UN1010) and a course in developmental psychology, and the instructors permission. The focus of the seminar is on human development during the fetal period and early infancy. We will examine the effects of environmental factors on perinatal perceptual, cognitive, sensory-motor, and neurobehavioral capacities, with emphasis on critical conditions involved in both normal and abnormal brain development. Other topics include acute and long term effects of toxic exposures (stress, smoking, and alcohol) during pregnancy, and interaction of genes and the environment in shaping the developing brain of high-risk infants, including premature infants and those at risk for neurodevelopmental disorders such as Sudden Infant Death Syndrome

Spring 2023: PSYC GU4480

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4480	001/14105	Th 4:10pm - 6:00pm 405 Schermerhorn Hall	William Fifer	4.00	14/12

PSYC GU4482 Neural Plasticity. 4.00 points.

This seminar provides an overview of the mechanisms and behaviors associated with neural plasticity. Students will obtain a basic working knowledge of the different types of neural plasticity, and how these affect cognition and behaviors

Spring 2023: PSYC GU4482

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4482	001/14106	M 10:10am - 12:00pm 200c Schermerhorn Hall	Tina Kao	4.00	12/12

PSYC GU4486 Developmental and Affective Neuroscience (Seminar). 4 points.

Prerequisites: courses in developmental psychology, and either research methods or affective neuroscience, and the instructor's permission.

Introduction to leading theoretical perspectives employed by developmental psychologists in the study of affective neuroscience. Exploration of the developmental brain and behavior relationships in humans and animal models of typical and atypical emotional behavior, with a critical reading of recent research findings in the field.

PSYC GU4490 Inheritance (Seminar). 4 points.

Prerequisites: basic knowledge of biology and neuroscience recommended; the instructor's permission required. Explores the concept of inheritance and the mechanisms through which inheritance is mediated. Will focus on the generational transmission of physiology and behavior, but will also consider the inheritance of culture and language.

PSYC GU4491 The Parental Brain. 4.00 points.

This course will provide an overview of the field of parental and social biology, with an emphasis on changes in the adult rodent brain surrounding childbirth and caretaking behavior. We will explore how the experience of parenthood prepares the brain for survival of offspring. We will also discuss

the dynamic between caregivers and parents in order to provide the structure necessary to rear young. This course will illustrate the fortitude of molecular, behavioral and circuit level investigations in concert to unveil mechanisms of social learning

Fall 2022: PSYC GU4491

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4491	001/13875	M 10:10am - 12:00pm 652 Schermerhorn Hall	Bianca Marlin	4.00	12/12

PSYC GU4493 Stress and the Brain. 4.00 points.

This course will use clinical studies and experimental research on animals to understand the impact of stress during various periods of development on brain function and behavior. We will address the long- and short-term consequences of stress on cognition, emotion, and ultimately psychopathology through investigating how various stressors can induce neurobiological and behavioral outcomes through genetic, epigenetic, and molecular mechanisms in the brain

Spring 2023: PSYC GU4493

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4493	001/14107	F 2:10pm - 4:00pm 200c Schermerhorn Hall	Jennifer Blaze	4.00	11/12

PSYC GU4498 BEHAVIORAL EPIGENETICS. 4.00 points.

Prerequisites: basic background in neurobiology (for instance PSYC UN1010, UN2450, UN2460, UN2480, and GU4499) and the instructor's permission.

Prerequisites: basic background in neurobiology (for instance PSYC UN1010, UN2450, UN2460, UN2480, and GU4499) and the instructors permission. This course will provide an overview of the field of epigenetics, with an emphasis on epigenetic phenomena related to neurodevelopment, behavior and mental disorders. We will explore how epigenetic mechanisms can be mediators of environmental exposures and, as such, contribute to psychopathology throughout the life course. We will also discuss the implications of behavioral epigenetic research for the development of substantially novel pharmacotherapeutic approaches and preventive measures in psychiatry

Fall 2022: PSYC GU4498

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4498	001/10057	F 2:10pm - 4:00pm 200c Schermerhorn Hall	Jennifer Blaze	4.00	12/12

PSYC GU4612 Frontiers of Justice. 4.00 points.

Frontiers of Justice is designed to encourage students and equip them with the skills to become active and effective "Change Agents" within their academic institutions and larger communities.. Oriented by the question, What does justice look like?, this course aims to raise political and social awareness and engagement with the challenges facing New York City and

strengthen ties between Columbia University, disadvantaged communities, and city government agencies and community organizations. Through sharing ideas about how to make structural and systemic change in ways that integrate science, law, politics, history, narrative and community engagement, the course is intended to support students in working to break down racial and ethnic barriers and toward a more fair and just society

Fall 2022: PSYC GU4612

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4612	001/10352	M 4:10pm - 6:00pm 405 Schermerhorn Hall	Ayanna Sorett	4.00	15/16

Spring 2023: PSYC GU4612

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4612	001/14108	M 6:10pm - 8:00pm 200b Schermerhorn Hall	Ayanna Sorett	4.00	20/18

PSYC GU4615 PSYCH OF CULTURE & DIVERS. 4 points.

PSYC GU4627 Seminar in Anxiety, Obsessive-Compulsive, and Related Disorders. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: PSYC UN1001 or Equivalent introductory course AND PSYC UN2620 Abnormal Psychology or equivalent course in abnormal psychology strongly preferred.

This seminar course will focus on the etiology and phenomenology of anxiety disorders, obsessive-compulsive disorder (OCD), and OCD-related disorders, as well as their evidence-based treatments

PSYC GU4630 ADV SEM CURRENT PERS THRY. 3.00 points.

Open to psychology graduate students and advanced undergraduate psychology majors.

Prerequisites: the instructor's permission.

Critical review and analysis of basic and enduring issues in personality theory, assessment, and research.

Spring 2023: PSYC GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4630	001/14109	M 10:10am - 12:00pm 405 Schermerhorn Hall	Svetlana Komissarouk	3.00	14/12

PSYC GU4635 The Unconscious Mind (Seminar). 4 points.

Prerequisites: the instructor's permission; some basic knowledge of social psychology is desirable.

Discussion of the unconscious mind from the perspective of social cognition, with an emphasis on both theoretical and empirical background, as well as current issues in measuring automatic processing. Topics include: implicit memory systems; unconscious attitudes, goals and behavior, emotions,

and decision making; the activation and deactivation of knowledge systems; and priming.

PSYC GU4645 CULTR,MOTIVATN,PROSOCIAL BEHAV. 4.00 points.

Prerequisites: Some knowledge of Research Methods, Statistics, and Social Psychology, plus Instructors Permission. Reviews and integrates current research on three important topics of social psychology: culture, motivation, and prosocial behavior. Discussions and readings will cover theoretical principles, methodological approaches, and the intersection of these three topics. Students will write a personal research proposal based on the theories presented during the seminar

Fall 2022: PSYC GU4645

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4645	001/10060	M 10:10am - 12:00pm 405 Schermerhorn Hall	Svetlana Komissarouk	4.00	13/15

PSYC GU4670 THRY-SOCIAL/PERSONALITY PSYCH. 3.00 points.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. Comparison of major theoretical perspectives on social behavior. The nature of theory construction and theory testing in psychology generally. Exercises comparing the predictions of different theories for the same study are designed to acquire an appreciation of how to operationalize theories and an understanding of the various features of a good theory

PSYC GU4672 MORAL PSYCHOLOGY. 4.00 points.

Prerequisites: Two courses in psychology, including at least one course with a focus on research methods and/or statistics, and permission of the instructor.

Prerequisites: Two courses in psychology, including at least one course with a focus on social and/or developmental psychology, and permission of the instructor. Review of theories and current research on moral cognition and behavior. Topics include definitions of morality, the development of moral cognition, the role that other aspects of human experience (e.g. emotion, intentions) play in moral judgments, and the relationship between moral psychology and other areas of study (e.g. religious cognition, prejudice and stereotyping, the criminal justice system)

PSYC GU4673 Political Psychology. 4 points.

This seminar will explore what psychology (mostly social and cognitive) can tell us about politics. The class aims to provide a broad introduction to ideas and methods in the field of political psychology, as well as a deep understanding of a few specific topics.

PSYC GU4682 FAQs ABOUT LIFE:APPL OF PSYC RSCH TO EVE. 4.00 points.

Prerequisites: Two courses in psychology, with at least one focusing on statistics and/or research methods in psychology, and permission of the instructor.

Prerequisites: Two courses in psychology, with at least one focusing on statistics and/or research methods in psychology, and permission of the instructor. Review of basic psychological research that is relevant to questions people frequently encounter during the course of everyday life. Potential topics for this seminar include research on decision-making, emotion, and/or interpersonal relationships

PSYC GU4685 SOCIAL COGNITIVE NEUROSCIENCE. 3.00 points.

Prerequisites: for graduate students, course equivalents of at least two of the following courses: PSYC UN1001, PSYC UN1010, PSYC UN2630, PSYC UN3410, PSYC UN3480, and PSYC UN3485; and/or the instructor's permission.

An introduction to the emerging interdisciplinary field of social cognitive neuroscience, which examines topics traditionally of interest to social psychologists (including control and automaticity, emotion regulation, person perception, social cooperation) using methods traditionally employed by cognitive neuroscientists (functional neuroimaging, neuropsychological assessment).

PSYC GU4686 Barriers and Levers for Behavior Change. 4 points.

Prerequisites: (PSYC UN1001 or PSYC UN1010) and prior coursework in research methods/statistics. A prior course related to social, applied, and cultural psychology or decision making will also be helpful.

Seminar course exploring individual, social, and cultural barriers and levers for behavior change, with a focus on social issues, such as motivating pro-environmental action, encouraging positive health behavior change, and promoting charitable giving.

PSYC GU4690 SOCIAL FACTORS # PSYCHOPATHLGY. 3.00 points.

Prerequisites: the instructor's permission.

Prerequisites: the instructors permission. Reviews and integrates current research on the role of social factors in psychopathology. The immediate and long-term effects of chronic and traumatic stressors originating outside the family (e.g. natural disasters, chronic poverty) and inside the family (e.g. family violence, divorce, parental psychopathology) on psychopathology

PSYC GU4695 Psychology of Close Relationships (Seminar). 3 points.

Prerequisites: Research Methods, statistics, social psychology, and the instructor's permission.

Introduction to leading theoretical perspectives employed by social psychologists in the study of close romantic relationships. Exploration of relationship-relevant constructs (e.g., love, commitment, intimacy, breakups) through the lenses offered by these different theories, and with a critical reading of recent research findings in this field.

PSYC GU4880 In Service of Equity: Examining Developmental Science through the Lens of Policy. 4.00 points.

Urie Bronfenbrenner (1974) wrote, “We have now come the full circle and returned to our starting point—issues of social policy as points of departure for the identification of significant theoretical and scientific questions concerning the development of the human organism as a function of interaction with its enduring environment—both actual and potential.” This course is designed to examine emotional and cognitive development through the lens of existing financial, social, and educational policies. We will examine the influence - on child development - of inequities in education, household socioeconomic status and poverty, neighborhood socioeconomic status and poverty, access to prenatal care, parental incarceration rates, and systemic racism

PSYC GU4930 Fundamentals of Human Brain Imaging: from theory to practice. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Fundamentals of human brain imaging is a new advanced course open to undergraduates students from the Psychology, Neuroscience, Engineering, and Statistics Departments, that traces the key steps of the recent “neuroimaging revolution”, and introduces the various methodologies and associated analytic approaches that are now available in the field of cognitive neuroscience. Specifically, the course develops around three main questions, currently under-represented in our undergraduate curriculum: 1) What is the advantage to study human cognition using correlational methodologies (e.g., EEG, MEG, fMRI)? 2) Which is the particular contribution of each method in the understanding of brain/behavior relationship? 3) Which are the most common ways to approach the analyze the neuroimaging data? By promoting an inclusive environment and implementing active learning strategies, this course stimulates critical thinking and fosters collaboration among students from different departments

Fall 2022: PSYC GU4930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4930	001/10037	T 10:10am - 12:00pm 200c Schermerhorn Hall	Alfredo Spagna	4.00	9/12

REGIONAL STUDIES

EAST CENTRAL EUROPEAN CENTER

<http://ece.columbia.edu/>

Director: Prof. Jessica Merrill, jem2159@columbia.edu

Related Departments: Anthropology, Economics, History, Political Science, Slavic Languages and Literatures, and Sociology.

Language Requirement: Two years or demonstrated reading knowledge of one of the following languages: Czech, Hungarian, Polish, Romanian, Russian, Bosnian/Croatian/Serbian, or Ukrainian.

The regional studies major is designed to give undergraduates the general mastery of a discipline and at the same time permit them to do specialized work in the history and cultures of a particular geographic area through the associated institutes of the Faculty of Arts and Sciences. It is an interdisciplinary major in which students divide their work between the associated institute and an appropriate academic department. Students plan their programs with the consultant of the associated institute they have selected.

MAJOR IN REGIONAL STUDIES

The major in regional studies requires a minimum of 36 points, of which 18 must be credited by the associated institute, i.e. East Central European Center, and an additional 18 must be in one of the College departments designated as relevant by the institute. Six points of seminar work approved by the institute are required of all majors and are included in the total of 36 points.

Language Study

Courses taken to satisfy the institute’s language requirement are not counted toward the 18 institute points.

A current list of courses available to students interested in East Central European studies can be obtained from the [Center](#), 1228 International Affairs Building.

RELIGION

Departmental Office: Room 103, 80 Claremont; 212-851-4122

<http://www.columbia.edu/cu/religion>

Director of Undergraduate Studies: Professor Courtney Bender, 80 Claremont; 212-851-4134; cb337@columbia.edu

The Religion Department's curriculum is designed to engage students in critical, comparative, and interdisciplinary exploration of religious life. The faculty's research and teaching build upon the shared understandings that religion continues to be a central and influential component of human life, society, and politics—and that, furthermore, religious transmission and authority are constantly being shaped in dynamic interactions with other religious traditions, societies, and cultures. Courses and seminars in religion teach students how to analyze and investigate religious texts, histories, beliefs, bodies, and communities using a variety of disciplinary and methodological approaches.

Students are also encouraged to conduct their studies by exploring one or more zone of inquiry. These are focus areas that integrated in the departmental curriculum and

complement the tradition-based approaches. They provide broad and alternative frames that aim to identify problems, chart trajectories cutting across different field specialties, and set parameters for theoretical and methodological questions. The zones are: *Time* (History, Modernity), *Transmission* (Tradition, Memory, Institutions), *Space* (Place, Geography, Virtual Space), *Body* (Materiality, Mind, Bio-ethics), and *Media* (Transportation, Information, Communication).

Majors and concentrators in religion gain both a foundation in the study of religious traditions in historical contexts and zones of inquiry, all grounded in theoretical and methodological debates that shape academic and public discussions about religion. Lecture courses, seminars, and colloquia are designed to balance students' growing understanding of particular religious topics, dynamics, and traditions with intensive engagement with critical theoretical, political, and philosophical debates. Students are encouraged to pursue a course of study in which they develop breadth and depth, as well as the tools and expertise to pose (and even answer) necessary questions about religious phenomena of the past or present.

As the study of religion is truly interdisciplinary, students find their work in the department enhanced by their coursework in the College's Core curriculum and in related departments. Many religion courses are listed in the College's Global Core requirement, and numerous religious works are central texts in Literature Humanities and Contemporary Civilization. Majors and concentrators are required to take courses outside of religion in related fields to expand their vision of approaches to religion.

In addition, the University's wide offerings in the languages of various religious traditions (including Arabic, Chinese, Greek, Hebrew, Japanese, Persian, Latin, Sanskrit, and Tibetan) augment many students' abilities to conduct research in religion. Students likewise are actively encouraged to explore the world-renowned archival resources within Columbia's libraries (including the Rare Book and Manuscript Room, the Burke Library at Union Theological Seminary, the C.V. Starr East Asian Library), and to explore and investigate the equally wide range of living religious communities represented in New York's global neighborhoods.

Prospective majors should first arrange to meet with the Director of Undergraduate Studies. All students are then allocated a faculty adviser, and must submit a copy of the Declaration of Major form to the director of undergraduate studies. After agreeing upon a plan for the major or concentration, students must obtain final approval and confirmation from the Director of Undergraduate Studies.

GUIDELINES FOR ALL RELIGION MAJORS AND CONCENTRATORS

Major in Religion

All majors are encouraged to pursue both depth and breadth by constructing a program of study in consultation with the

Director of Undergraduate Studies. The program should include courses in a variety of religious traditions. Students who write a senior thesis may include a term of individually supervised research as one of the courses for their major.

Courses

For the major the following 9 courses are required:

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)
- 2 seminars (4000 level)
- 1 additional course at any level
- RELI UN3199 Theory (formerly Juniors Colloquium)

Concentration in Religion

To be planned in consultation with the Director of Undergraduate Studies and with a member of the faculty in an area in which the student has a particular interest. The program should include some study in a breadth of religious traditions.

Courses

For the concentration the following 7 courses are required:

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)
- 1 seminar (4000 level)
- RELI UN3199 Theory

DEPARTMENTAL HONORS

Students who write a senior thesis and maintain a GPA of 3.66 or above in the major may be considered for departmental honors. Writing a senior thesis qualifies a student for consideration for departmental honors but does not assure it. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

COURSE NUMBERING

Courses are numbered by level and type:

- 1000-level: Gateway lecture course
- 2000-level: Introductory and "traditions" lectures
- 3000-level: Intermediate lecture
- 4000-level: Seminar

and Zone:

- x100-199: Theory (RELI UN3199)
- x200-299: Time (zone)
- x300-399: Transmission (zone)
- x400-499: Space (zone)
- x500-599: Body (zone)
- x600-699: Media (zone)

PROFESSORS

Gil Anidjar
Courtney Bender (DUS)
Beth Berkowitz (Barnard)
Elizabeth Castelli (Barnard)
Matthew Engelke
Katherine Pratt Ewing
Bernard Faure
Najam Haider (Barnard)
John Hawley (Barnard)
Rachel McDermott (Barnard)
David (Max) Moerman (Barnard)
Josef Sorett (chair)
Mark Taylor

ASSOCIATE PROFESSORS

Michael Como
Yannik Thiem

ASSISTANT PROFESSORS

Clémence Boulouque
Tiffany Hale (Barnard)
Gale Kenny (Barnard)
Timothy Vasko (Barnard)
Zhaohua Yang

ADJUNCT FACULTY

Obery Hendricks
David Kittay
Derek Mancini-Lander
Hussein Rashid
Thomas Yarnall

POSTDOCTORAL FELLOWS

Mohamed Ait Amer Meziane (IRCPL)
Daniel Herskowitz (IIJS)

PROFESSORS EMERITI

Wayne Proudfoot
George Rupp
Robert Somerville
Robert Thurman
Chun-fang Yu

GUIDELINES FOR ALL RELIGION MAJORS AND CONCENTRATORS

Senior Thesis

Many students choose to write a senior honors thesis in order to pursue an advanced topic in greater depth, or to work on a particular area of interest with one of their professors. This opportunity is available to all students who major in the department, regardless of GPA, and serves for many as their undergraduate capstone experience.

Students who write a senior thesis may apply for up to 3 points of directed reading with their thesis adviser. The deadline for application for the honors thesis in religion is the last day of exams in the student's junior spring term, and must be submitted for approval to the director of undergraduate studies. The application must include both a prospectus for the paper and a letter of support by the faculty member who has agreed to direct the thesis. The prospectus (5-7 pages) should detail a research program and the central question(s) to be pursued in the paper, preparation for the thesis, and a timeline. The primary adviser of the thesis must be a member of the Religion Department faculty.

Many students find that identifying a thesis project earlier in the junior year, in conjunction with the Juniors colloquium, presents an opportunity to develop a proposal in advance of deadlines for summer research funding from various sources, including the undergraduate schools and the Institute for Religion Culture and Public Life.

Grading

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

MAJOR IN RELIGION

All majors are encouraged to pursue both depth and breadth by constructing a program of study in consultation with the Director of Undergraduate Studies and with a member of the faculty in an area in which they have particular interest. The program should include courses in a variety of religious traditions. Students who write a senior thesis may include a term of individually supervised research as one of the courses for their major.

For the major the following 9 courses are required::

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)
- 2 seminars (4000 level)
- 1 additional course at any level
- RELI UN3199 Theory (formerly Juniors Colloquium)

CONCENTRATION IN RELIGION

To be planned in consultation with the Director of Undergraduate Studies and with a member of the faculty in an area in which the student has a particular interest. The program should include some study in a breadth of religious traditions.

For the concentration the following 7 courses are required:

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)

- 1 seminar (4000 level)
- RELI UN3199 Theory

SPRING 2023

RELI UN2304 CHRISTIANITY. 3.00 points.

Survey of Christianity from its beginnings through the Reformation. Based on lectures and discussions of readings in primary source translations, this course will cover prominent developments in the history of Christianity. The structure will allow students to rethink commonly held notions about the evolution of modern Christianity with the texture of historical influence

Spring 2023: RELI UN2304

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2304	001/13063	M W 2:40pm - 3:55pm 401 Chandler	Elizabeth Dolfi	3.00	27/30

RELI UN2312 Religion and Nasty Women. 4.00 points.

Used in 2016 by then presidential candidate, Donald Trump, in reference to his female opponent, Hillary Clinton, the phrase “nasty woman” has become a badge of honor and a rallying cry for women’s empowerment. The origin of the word “nasty,” attested in the 14th century, indicates highly unpleasant qualities- nauseating or unclean, in a literal or figurative way. It also came to evoke indecency and obscenity- and religious traditions have a long history of such depiction of women. After introducing some key texts on the otherness and objectification of women (including by Aristotle, Beauvoir, Kristeva, Nussbaum, and Butler), we will examine a number of female characters- goddesses, prostitutes, and virgins - in the Mesopotamian, Greek, Jewish, Christian, Buddhist, Hindu, and Islamic corpus that fit the definition of nasty. We will also analyze some of the underlying tropes of impurity and danger that characterize nastiness involving bodily fluids, sexuality, and knowledge. Spanning theology, literature, movies, and popular culture the course aims to be a survey of religious-based misogyny as well as women’s responses in their pursuit of agency

Spring 2023: RELI UN2312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2312	001/13064	T Th 2:40pm - 3:55pm 329 Pupin Laboratories	Clemence Boulouque	4.00	91/100

RELI UN2313 Religion and Nasty Women - Discussion. 0 points.

Used in 2016 by then presidential candidate, Donald Trump, in reference to his female opponent, Hillary Clinton, the phrase “nasty woman” has become a badge of honor and a rallying cry for women’s empowerment.

The origin of the word “nasty,” attested in the 14th century, indicates highly unpleasant qualities- nauseating or unclean, in a literal or figurative way. It also came to evoke indecency and

obscenity- and religious traditions have a long history of such depiction of women.

After introducing some key texts on the otherness and objectification of women (including by Aristotle, Beauvoir, Kristeva, Nussbaum, and Butler), we will examine a number of female characters- goddesses, prostitutes, and virgins - in the Mesopotamian, Greek, Jewish, Christian, Buddhist, Hindu, and Islamic corpus that fit the definition of nasty. We will also analyze some of the underlying tropes of impurity and danger that characterize nastiness involving bodily fluids, sexuality, and knowledge. Spanning theology, literature, movies, and popular culture the course aims to be a survey of religious-based misogyny as well as women’s responses in their pursuit of agency.

Spring 2023: RELI UN2313

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2313	001/13065	Th 4:15pm - 5:15pm 201a Philosophy Hall	Lucilla Ines Martorana	0	19/25
RELI 2313	002/18007	M 4:00pm - 5:00pm 829 Seeley W. Mudd Building	Erez DeGolan	0	16/25
RELI 2313	003/18008	Th 1:00pm - 2:00pm 101 Knox Hall	Emily Renteria	0	22/25
RELI 2313	004/18009	T 4:15pm - 5:15pm C01 80 Claremont	Shweta Radhakrishnan	0	22/25

RELI UN2405 CHINESE RELIGIOUS TRADITIONS. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course provides a chronological and thematic introduction to Chinese religions from their beginnings until modern times. It examines distinctive concepts, practices and institutions in the religions of China. Emphasis will be placed on the diversity and unity of religious expressions in China, with readings drawn from a wide-range of texts: religious scriptures, philosophical texts, popular literature and modern historical and ethnographic studies. Special attention will be given to those forms of religion common to both “elite” and “folk” culture: cosmology, family and communal rituals, afterlife, morality and mythology. The course also raises more general questions concerning gender, class, political patronage, and differing concepts of religion

Spring 2023: RELI UN2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2405	001/13066	T Th 2:40pm - 3:55pm 601 Fairchild Life Sciences Bldg	Zhaohua Yang	4.00	59/70

RELI UN2406 Chinese Religious Traditions - Discussion. 0.00 points.

This course provides a chronological and thematic introduction to Chinese religions from their beginnings until modern times. It examines distinctive concepts, practices and institutions in the religions of China. Emphasis will be placed on the

diversity and unity of religious expressions in China, with readings drawn from a wide-range of texts: religious scriptures, philosophical texts, popular literature and modern historical and ethnographic studies. Special attention will be given to those forms of religion common to both “elite” and “folk” culture: cosmology, family and communal rituals, afterlife, morality and mythology. The course also raises more general questions concerning gender, class, political patronage, and differing concepts of religion

Spring 2023: RELI UN2406

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2406	001/18010	M 11:10am - 12:00pm 325 Pupin Laboratories	Mehreen Jiwan	0.00	12/24
RELI 2406	002/18011	W 5:10pm - 6:00pm 467 Ext Schermerhorn Hall	Qichen Qian	0.00	24/24
RELI 2406	003/18012	Th 1:10pm - 2:00pm C01 80 Claremont	Stephanie Bell	0.00	23/24

RELI UN3625 Hippy Physics, Counterculture, Cyberculture. 3.00 points.

The world inside your smartphone may not be all that it seems. Everything from your e-banking app to your TikTok algorithm can be traced back to the Woodstock-going, acid-taking, love (not war)-making attitude that permeated the youth (in spite of the generations before) in counterculture America. Today’s technosphere grew out of the convergence of the post-World War II and Cold War military-industrial complex and the 1960s counterculture. Resistance to the war in Viet Nam, the Civil Rights movement, and the spread of Buddhist thought created social unrest and political disorder. (Almost) simultaneously, a counter counterculture emerged – conservative Christians joined forces with right wing and libertarian politicians to resist sex, drugs, and rock-and-roll, and promote a religiously, politically, and racially “purified” America. Sound familiar? In the midst of this turmoil, groups of physicists who had dropped out (but not necessarily tuned in) gathered in San Francisco and Palo Alto garages to create a technological revolution that continues to transform the world. This course will explore this seminal period through a consideration of music, films, and books of this era, as well as the technological and philosophical implications that quantum physics has on our society and culture today

Spring 2023: RELI UN3625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3625	001/16566	M W 10:10am - 11:25am 201 80 Claremont	Mark Taylor	3.00	22/22

RELI UN3901 GUIDED READING AND RESEARCH. 1.00-4.00 points.

Prerequisites: the instructors permission

Fall 2022: RELI UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 3901	001/11776	Courtney Bender	1.00-4.00/5
RELI 3901	002/11778	Clemence Boulouque	1.00-4.00/5
RELI 3901	003/11779	Michael Como	1.00-4.00/5
RELI 3901	004/11782	Matthew Engelke	1.00-4.00/5
RELI 3901	005/11783	Katherine Ewing	1.00-4.00/5
RELI 3901	006/11784	Aziza Shanazarova	1.00-4.00/5
RELI 3901	008/11787	Mark Taylor	1.00-4.00/5
RELI 3901	009/11788	Yannik Thiem	1.00-4.00/5
RELI 3901	010/11789	Zhaohua Yang	1.00-4.00/5

Spring 2023: RELI UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/16783		Courtney Bender	1.00-4.00/5	
RELI 3901	002/16787		Clemence Boulouque	1.00-4.00/5	
RELI 3901	003/16788		Michael Como	1.00-4.00/5	
RELI 3901	004/16789		Matthew Engelke	1.00-4.00/5	
RELI 3901	005/16790		Katherine Ewing	1.00-4.00/5	
RELI 3901	006/16791		Aziza Shanazarova	1.00-4.00/5	
RELI 3901	007/16792		Mark Taylor	1.00-4.00/5	
RELI 3901	008/16793		Yannik Thiem	1.00-4.00/5	
RELI 3901	009/16794		Zhaohua Yang	1.00-4.00/5	

RELI GU4216 Religion and Capitalism: Faith and the American Market. 4.00 points.

Is the market a religious system? Can we consider "capitalism" to be a key arena in which the relationship between the religious and the secular is both negotiated and performed? In this course, students will explore the complicated relationship between faith and the market, the religious and the secular, and the evolution of vice and virtue as they relate to economic thriving in the United States. While no hard and fast rules for thinking about the relationship between right conduct and material interests cut across all religious and philosophical traditions, human agents invest real faith into currency, into markets, and into the reigning economic order to bring about increased opportunities, wealth, and freedom to people across the globe. Throughout this semester, we will chart both the long shadows and the future trajectories of these beliefs from our American perspective

Spring 2023: RELI GU4216

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 4216 001/13068 T 2:10pm - 4:00pm Andrew 4.00 14/20
201 80 Claremont Jungclaus

RELI GU4255 Hegel, Information, “Artificial” Intelligence. 4.00 points.

The development of high-speed computers, artificial neural networks, miniaturized sensors, mobile phones, and Big Data has created the conditions for the transformation of artificial intelligence. These changes are not only transforming the world but are also recasting long-standing distinctions like nature/culture, natural/artificial, body/mind, complexity/simplicity, and organism/machine that have shaped human thought and life for centuries. This refiguring of opposites as irreducibly interrelated was anticipated by Kant’s notion of self-organization and developed systematically by Hegel. This course will approach current forms of artificial intelligence through Kant’s interpretation of self-organization and Hegel’s dialectical logic and will reread Hegel’s system through “natural” and “artificial” neural networks, complex systems, and information theory. If nature and culture are inextricably interrelated, then is “artificial” intelligence really artificial, and is “nature” every merely natural? What are the implications of these developments for the understanding of human “nature” that has shaped the Anthropocene since the time of Galileo, Newton, and Descartes?

Spring 2023: RELI GU4255

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4255	001/16567	T 10:10am - 12:00pm 201 80 Claremont	Mark Taylor	4.00	12/20

RELI GU4326 SUFISM IN SOUTH ASIA. 4.00 points.

Sufism or tassawuf has misleadingly been described as the mystical side of Islam, implying that it is somehow detached from the material world. Throughout the history of Islam, Sufi ideas, practices, and institutions have borne a complex, intimate, and sometimes fraught relationship with other aspects of Islamic tradition and practice, a relationship that has also been profoundly impacted by Orientalist scholarship in the colonial period and by global reformist currents in the postcolonial period. This seminar for advanced undergraduates and graduate students is an interdisciplinary investigation of how Sufism has been affected by the historical, sociocultural, political, and everyday environments in which it is experienced and practiced, with a particular focus on South Asia. Eclectic in approach, we will begin by considering how Sufism has been construed and even constructed by scholars, considering how modern notions of the self, religion, and the political have shaped scholarly understandings of what Sufism is. Focusing on bodily practices and well known individual Sufis who lived in South Asia during different historical periods, we will use them as a vehicle for understanding Sufi experience within the context of the evolving Sufi orders within specific local spaces. We will consider why Sufism has become such a target of controversy and ambivalence among Muslims in the modern world and trace some of the changing controversies and

tensions that Sufis have struggled with over time, focusing on their understandings of self, society and reality

Spring 2023: RELI GU4326

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4326	001/13069	W 12:10pm - 2:00pm 477 Alfred Lerner Hall	Quinn Clark	4.00	6/15

RELI GU4513 BUDDHISM AND NEUROSCIENCE. 4.00 points.

With the Dalai Lamas marked interest in recent advances in neuroscience, the question of the compatibility between Buddhist psychology and neuroscience has been raised in a number of conferences and studies. This course will examine the state of the question, look at claims made on both sides, and discuss whether or not there is a convergence between Buddhist discourse about the mind and scientific discourse about the brain

Spring 2023: RELI GU4513

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4513	001/19465	T 2:10pm - 4:00pm 101 80 Claremont	Bernard Faure	4.00	15/25

RELI GU4565 Women and Islam. 4.00 points.

This course is a comprehensive engagement with Islamic perspectives on women with a specific focus on the debates about woman’s role and status in Muslim societies. Students will learn how historical, religious, socio-economic and political factors influence the lives and experiences of Muslim women. A variety of source materials (the foundational texts of Islam, historical and ethnographic accounts, women’s and gender studies scholarship) will serve as the framework for lectures. Students will be introduced to women’s religious lives and a variety of women’s issues as they are reported and represented in the works written by women themselves and scholars chronicling women’s religious experiences. We will begin with an overview of the history and context of the emergence of Islam from a gendered perspective. We will explore differing interpretations of the core Islamic texts concerning women, and the relationship between men and women: who speaks about and for women in Islam? In the second part of the course we will discuss women’s religious experiences in different parts of the Muslim world. Students will examine the interrelationship between women and religion with special emphasis on the ways in which the practices of religion in women’s daily lives impact contemporary societies. All readings will be in English. Prior course work in Islam or women’s studies is recommended, but not required

Spring 2023: RELI GU4565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4565	001/17214	M 2:10pm - 4:00pm 201 80 Claremont	Aziza Shanazarova	4.00	17/20

RELI GU4616 TECHNOLOGY,RELIGION,FUTURE. 4.00 points.

This seminar will examine the history of the impact of technology and media on religion and vice versa before bringing into focus the main event: religion today and in the future. We'll read the classics as well as review current writing, video and other media, bringing thinkers such as Eliade, McLuhan, Mumford and Weber into dialogue with the current writing of Kurzweil, Lanier and Taylor, and look at, among other things: ethics in a Virtual World; the relationship between Burning Man, a potential new religion, and technology; the relevance of God and The Rapture in Kurzweil's Singularity; and what will become of karma when carbon-based persons merge with silicon-based entities and other advanced technologies

Spring 2023: RELI GU4616

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4616	001/13075	Th 4:10pm - 6:40pm 201 80 Claremont	David Kittay	4.00	28/25

RELI GU4630 INDO-TIBETAN BUDDHIST PHILOSOPHY. 4.00 points.

Examination of topics in the religious philosophy of Tibet

Spring 2023: RELI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4630	001/13076	Th 12:10pm - 2:00pm 201 80 Claremont	Thomas Yarnall	4.00	11/20

FALL 2022**RELI UN1320 Losing My Religion. 3.00 points.**

The R.E.M. lead singer Michael Stipe explained that the phrase "losing my religion" in the song of the same title does not refer to what we might commonly understand by "religion." Rather it cites the expression used in the Southern U.S. for losing one's temper, feeling frustrated, exasperated, and desperate. The loss present in John Legend and Common's song "Glory" from the movie Selma are the lives lost to the unattenuated history of racist violence and in the struggle against structural white supremacy. In this context, for Blacks "freedom is like religion." Like religion. Even if the song does not shy away from Christian theological tropes, "religion" here too remains elusive. Living through a major global pandemic as we are (although arguably, racism and capitalism are also ongoing—albeit mostly unacknowledged—global pandemics), we are witnessing the losses attributable to Covid-19 precipitating changing practices and rituals of marking losses, mourning, and building community in the present. Apart from impacting practices that we generally term "religious," loss and living with losses also reveal what may have been our individual and collective "religion" lost and what may emerge as the "religions" we hew to newly or nonetheless. In this course we will explore how various meanings of "religion" might offer us conceptual tools for thinking about loss, community, and damaged life. We will examine how religious practices change in relation to losses and reflect on losses of religion both

personally (e.g., because one's hitherto familiar value system breaks down) and collectively (e.g., the forced conversions and suppression of religious traditions by colonialism). We will track how loss and rituals surrounding loss can change how history, time, space, and meaning are experienced. We will ask what if anything comes after or alongside loss, especially given the perdurance of loss that is brought about by centuries of systemic violence. Given the circumstances of our moment, we will also take time to reflect on the (hopefully only temporary) loss of face-to-face communal learning in a shared classroom and what new rituals of virtual learning mean for building communities and relating to others and the world. Rather than trying to settle on definitive answers, this course will cultivate a process of open-ended collective inquiry in which students will be encouraged to think autonomously and to challenge facile solutions. Students should come away from the course with an expanded sense of how we grapple with issues related to loss, damaged life, community, complicated and violent pasts, the precarity of the present, vanishing futures and how religion and religious formations are entangled with these issues well beyond religious communities. Ideally, students should experience this course as enlarging the set of critical tools at their disposal for creative and rigorous thinking

Fall 2022: RELI UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 1320	001/11622	T Th 2:40pm - 3:55pm C01 80 Claremont	Yannik Thiem	3.00	23/30

RELI UN2305 ISLAM. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An introduction to the Islamic religion in its premodern and modern manifestations. The first half of the course concentrates on "classical" Islam, beginning with the life of the Prophet, and extending to ritual, jurisprudence, theology, and mysticism. The second half examines how Muslims have articulated Islam in light of colonization and the rise of a secular modernity. The course ends with a discussion of American and European Muslim attempts at carving out distinct spheres of identity in the larger global Muslim community

Fall 2022: RELI UN2305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2305	001/11623	M W 4:10pm - 5:25pm C01 80 Claremont	Aziza Shanazarova	4.00	12/20

RELI UN2308 BUDDHISM: EAST ASIAN. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Lecture and discussion. An introductory survey that studies East Asian Buddhism as an integral, living religious tradition. Emphasis on the reading of original treatises and historiographies in translation, while historical events are discussed in terms of their relevance to contemporary problems confronted by Buddhism. There is a mandatory weekly discussion session

Fall 2022: RELI UN2308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2308	001/11624	T Th 8:40am - 9:55am 501 Northwest Corner	Michael Como	4.00	135/150

RELI UN2670 MAGIC AND MODERNITY. 3.00 points.

This course introduces students to the cultural history of magic: as an idea, as a practice, and as a tool with which wield power and induce wonder. Magic, as we will explore, is a modern concept, the contours of which have been shaped by its relations with religion and science, always against larger backdrops—of the Enlightenment, Romanticism, (post) colonialism, and (post) secularism. Readings are drawn from philosophy, anthropology, religious studies, sociology, drama, literature, history, history of science, and political theory. Cases and readings focus on everything from medieval England to post-socialist Mozambique. Throughout the term, a recurring theme will be whether, and to what extent, magic is incompatible with modernity—or, actually, integral to its constitution. By the end of this course, students should be familiar with a variety of ways in which magic has been understood since the early modern era, in a wide range of settings and cultural contexts. By tracing understandings of magic, students should also come away with an appreciation of how the authority of being “modern” is constructed (and contested) in relation to contemporary valuations of reason, science, enchantment, and the imagination

Fall 2022: RELI UN2670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2670	001/11635	T Th 2:40pm - 3:55pm 307 Uris Hall	Matthew Engelke	3.00	24/40

RELI UN2779 INTRODUCTION TO NATIVE AMERICAN RELIGIOUS TRADITIONS. 3.00 points.

There are over 800 distinct Native American nations currently within the borders of the United States. This course offers a broad introduction to the diversity of American Indian religious systems and their larger functions in communities and in history. We will explore general themes in the study of Native American religious traditions as well as look at some specific examples of practices, ideas, and beliefs. Of particular importance are the history and effects of colonialism and missionization on Native peoples, their continuing struggles for religious freedom and cultural and linguistic survival, and the ways in which American Indians engage with religion and spirituality, both past and present, to respond to social, cultural, political, and geographical change

Fall 2022: RELI UN2779

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2779	001/00279	T Th 11:40am - 12:55pm L1103 Diana Center	Tiffany Hale	3.00	35/60

RELI UN3199 THEORY. 4.00 points.

An exploration of alternative theoretical approaches to the study of religion as well as other areas of humanistic inquiry. The methods considered include: sociology, anthropology, philosophy, hermeneutics, psychoanalysis, structuralism, genealogy, and deconstruction. (Previous title: Juniors Colloquium)

Fall 2022: RELI UN3199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/11636	M 10:10am - 12:00pm 201 80 Claremont	Mark Taylor	4.00	12/20

Spring 2023: RELI UN3199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/00190	Th 2:10pm - 4:00pm 407 Barnard Hall	Timothy Vasko	4.00	14/15

RELI UN3202 RELIGION IN AMERICA I. 3.00 points.

This course offers a survey of American religions from the 1500s through the mid-1800s. We examine the politics of conversion in different kinds of colonialisms; the different strands of Christianity in early America and their cultural contexts; the emergence of evangelical Protestantism; the effects of religious disestablishment in the early republic; and the relationship between religion and social movements

Fall 2022: RELI UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3202	001/00280	M W 1:10pm - 2:25pm 323 Milbank Hall	Gale Kenny	3.00	27/40

RELI UN3318 Humor, Joy, and Happiness in Judaism. 4.00 points.

Jewish history is plagued with tragedies and suffering. It only makes sense, then, that scholars of Jewish Studies tend to focus on moments of hardship and pain. But do disasters and the despair tell the whole story? What gets missed when we prioritize despair and misery and cast aside allegedly “lighter” and more “positive” themes? Such questions are the engine that runs this seminar. Here, students are invited to rethink the cultural roles of joy in Judaism, take Jewish humor seriously, and ponder whether happiness in Judaism is distinct from what we find in other religious traditions. “Joy, Humor, and Happiness in Judaism” is not, however, a feel-good course. Throughout the semester, through careful readings of primary sources (in translation) and contemporary theories, we will explore how so-called positive emotions, moods, and affects are inextricable from the most “serious” aspects of religion, politics, and the human experience, such as identity formation, violence, gender norms, and power

Fall 2022: RELI UN3318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3318	001/11643	Th 12:10pm - 2:00pm 201 80 Claremont	Erez DeGolan	4.00	13/15

RELI UN3771 Early Modern Indigenous Thought. 4.00 points.

What is the source of truth and authority? What is the origin of the world and how does that determine the social order? Who ought to rule, why, and how? What are the standards for measuring justice and injustice? What is our relationship to the environment around us and how should its resources be distributed among people? How do we relate to those who are different from us, and what does it mean to be a community in the first place? Historically, the answers to these questions that have been described as “religious” and “political” have been the restricted to a specific tradition of Western European Christianity and its secular afterlives. However, these are questions that every society asks, in order to be a society in the first place. This course analyzes how indigenous peoples in the Americas asked and answered these questions through the first three centuries of Western European imperial rule. At the same time, this course pushes students to question what gets categorized as uniquely “indigenous” thought, how, and why

Fall 2022: RELI UN3771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3771	001/00650	Th 2:10pm - 4:00pm 111 Milstein Center	Timothy Vasko	4.00	6/15

RELI UN3881 The Doctrine of Discovery: Religion, Law, and Legacies of 1492. 4.00 points.

How did European-Christians justify the colonization of the Americas? Did these justifications vary between different European empires, and between the Protestant and Catholic faiths, and if so, how? Do these justifications remain in effect in modern jurisprudence and ministries? This class explores these questions by introducing students to the Doctrine of Discovery. The Doctrine of Discovery is the defining legal rationale for European Colonization in the Western Hemisphere. The Doctrine has its origins in a body of ecclesiastic, legal, and philosophical texts dating to the late-fifteenth century, and was summarized by Chief Justice John Marshall of the United States Supreme Court, in the final, unanimous decision the judiciary issued on the 1823 case *Johnson v. M'Intosh*. Students will be introduced to the major, primary texts that make up the Doctrine, as well as contemporary critical studies of these texts and the Doctrine in general

Fall 2022: RELI UN3881

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3881	001/00281	Th 4:10pm - 6:00pm 113 Milstein Center	Timothy Vasko	4.00	7/15

RELI GU4105 RELIGION LAB. 4.00 points.

In their research, scholars of religion employ a variety of methods to analyze texts ranging from historical documents to objects of visual culture. This course acquaints students with both the methods and the materials utilized in the field of religious studies. Through guided exercises, they acquire research skills for utilizing sources and become familiarized with dominant modes of scholarly discourse. The class is organized around a series of research scavenger hunts that are

due at the start of each week's class and assigned during the discussion section (to be scheduled on the first day of class). Additional class meeting on Thursdays

Fall 2022: RELI GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4105	001/00283	W 4:10pm - 6:00pm L1001 Milstein Center	Gale Kenny	4.00	8/15

RELI GU4120 GENDER IN ANC CHRISTIANITY. 4.00 points.

This seminar considers the difference gender makes in interpreting ancient Christian texts, ideas, and practices. Topics will include gender hierarchy and homoeroticism, prophecy and authority, outsiders' views of Christianity, bodily pieties such as martyrdom and asceticism, and gender politics in the establishment of church offices. Emphasis will be placed on close readings of primary sources and selected scholarly framings of these sources

Fall 2022: RELI GU4120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4120	001/00284	M 6:10pm - 8:00pm 111 Milstein Center	Elizabeth Castelli	4.00	15/15

RELI GU4207 Religion and the Afro-Native Experience. 4.00 points.

African Americans and Native Americans have a shared history of racial oppression in America. However, the prevailing lenses through which scholars understand settler colonialism, religion, and black and indigenous histories focus overwhelmingly on the dynamics between Europeans and these respective groups. How might our understanding of these subjects change when viewed from a different point of departure, if we center the history of entanglements between black and native lives? How does religion structure the overlapping experiences of Afro-Native peoples in North America? From political movements in Minneapolis, Oakland, and New York City to enslavement from the Cotton Belt to the Rio Grande, this class will explore how Africans, Native Americans, and their descendants adapted to shifting contexts of race and religion in America. The course will proceed thematically by examining experiences of war, dislocation, survival, and diaspora

Fall 2022: RELI GU4207

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4207	001/00285	F 10:10am - 12:00pm 111 Milstein Center	Tiffany Hale	4.00	13/15

RELI GU4223 Dreams. 4.00 points.

This seminar for advanced undergraduates and graduate students is an interdisciplinary investigation of how dreams are viewed and understood across a range of the historical, sociocultural, political, and scholarly environments in which they are experienced and interpreted. Eclectic in approach, we will focus on close readings of a selection of dream texts, beginning with Freud's "The Dream of Irma's Injection." We

will aim to open out the text over several weeks. To facilitate this process, the syllabus will include an array of suggested readings linked to each week's focus of inquiry. Students are expected to make a selection from these readings (or other readings that you find relevant) in order to prepare your own close reading of the dream text to discuss in class. We will then turn to other dreamers who draw on different aspects of the Islamic tradition to understand their own dreams, with supplementary readings drawn from history, anthropology, and religious studies to provide contexts for interpreting these dreams

Fall 2022: RELI GU4223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4223	001/12876	W 12:10pm - 2:00pm 101 80 Claremont	Katherine Ewing	4.00	11/20

RELI GU4305 SECULAR # SPIRITUAL AMERICA. 4.00 points.

Prerequisites: Majors and concentrators receive first priority. Are Americans becoming more secular or more spiritual (not religious), or both? What are the connections between secularism and what is typically called non-organized religion or the spiritual in the United States? We will address these questions by looking at some of the historical trajectories that shape contemporary debates and designations (differences) between spiritual, secular and religious.

Fall 2022: RELI GU4305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4305	001/11637	T 4:10pm - 6:00pm 201 80 Claremont	Courtney Bender	4.00	7/15

RELI GU4517 After the Human. 4.00 points.

The advent of high-speed computing, Big Data, new forms of Artificial Intelligence, and global networking is rapidly transforming all aspects of life. Implants, transplants, genetic engineering, cloning, nanotechnology, cyborgs, hybrids, prostheses, mobile phones, tracking devices and wearable devices. The Internet of Things and the Internet of Bodies are becoming interconnected to transform what once was known as human being. These developments raise fundamental questions about what comes after the human. This course considers the philosophical and theological implications of this question by addressing the following issues: Natural vs. Artificial, Treatment vs. Enhancement, the Artificial Intelligence Revolution, Ubiquitous Computing, the Internet of Things, the Singularity, Extended Mind and Superintelligence, Internet of Bodies and Superorganisms, Death and After Life. Students will have the option of writing a term paper or doing a project related to the course readings

Fall 2022: RELI GU4517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4517	001/11638	W 10:10am - 12:00pm 201 80 Claremont	Mark Taylor	4.00	12/20

RELI GU4619 Islam in Popular Culture. 4.00 points.

This course interrogates seminal issues in the academic study of Islam through its popular representation in various forms of media from movies and television to novels and comic books. The class is structured around key theoretical readings from a range of academic disciplines ranging from art history and anthropology to comparative literature and religion. The course begins by placing the controversies surrounding the visual depiction of Muhammad in historical perspective (Gruber). This is followed by an examination of modern portrayals of Muslims in film that highlights both the vilification of the "other" (Shaheen) and the persistence of colonial discourses centered on the "native informant" (Mamdani). Particular emphasis is given to recent pop cultural works that challenge these simplistic discourses of Islam. The second half of the course revisits Muhammad, employing an anthropological framework (Asad) to understand the controversies surrounding Salman Rushdie's *Satanic Verses*. The obsession with a gendered depiction of Islam is then examined through an anthropological framework that sheds light on the problems of salvation narratives (Abu Lughod). The course ends with a look at the unique history of Islam in America, particularly the tension between immigrant and African-American communities

Fall 2022: RELI GU4619

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4619	001/00286	T 4:10pm - 6:00pm 214 Milbank Hall	Najam Haider	4.00	10/12

ALL COURSES (INCLUDING THOSE NOT OFFERED IN THE CURRENT ACADEMIC YEAR)

RELI UN1310 GOD. 3.00 points.

What is religion? And what does God have to do with it? This course will seek to engage a range of answers to these questions. The class is not a survey of all religious traditions. Rather, it will address religion as a comparative problem between traditions as well as between scholarly and methodological approaches. We will engage the issue of perspective in, for example, the construction of a conflict between religion and science, religion and modernity, as well as some of the distinctions now current in the media between religion, politics, economics and race. And we will wonder about God and gods.

RELI UN1312 Religion in Black America: An Introduction. 4 points.

Religion has been a complicated and contested, yet central, organizing force in the making of black life in the America. At the same time, African American religious life has been the subject of much scrutiny throughout the history of the United States, serving arguments that advocated abolition, emancipation and full enfranchisement, but also functioning as evidence to justify enslavement and second-class citizenship. To better understand such phenomena, this course provides a chronological survey that introduces students to a range

of ideas and practices, individuals and institutions, as well as important themes and topics in African American (thus American) religious history. Primary attention is given to Afro-Protestantism in the United States; however, throughout the course attention is directed to religious diversity and varying religious traditions/practices in different diasporic locales. By the end of the semester students will be expected to possess a working knowledge of major themes/figures/traditions in African American religious life, as well as key questions that have shaped the study thereof.

RELI UN1320 Losing My Religion. 3.00 points.

The R.E.M. lead singer Michael Stipe explained that the phrase “losing my religion” in the song of the same title does not refer to what we might commonly understand by “religion.” Rather it cites the expression used in the Southern U.S. for losing one’s temper, feeling frustrated, exasperated, and desperate. The loss present in John Legend and Common’s song “Glory” from the movie *Selma* are the lives lost to the unattenuated history of racist violence and in the struggle against structural white supremacy. In this context, for Blacks “freedom is like religion.” Like religion. Even if the song does not shy away from Christian theological tropes, “religion” here too remains elusive. Living through a major global pandemic as we are (although arguably, racism and capitalism are also ongoing—albeit mostly unacknowledged—global pandemics), we are witnessing the losses attributable to Covid-19 precipitating changing practices and rituals of marking losses, mourning, and building community in the present. Apart from impacting practices that we generally term “religious,” loss and living with losses also reveal what may have been our individual and collective “religion” lost and what may emerge as the “religions” we hew to newly or nonetheless. In this course we will explore how various meanings of “religion” might offer us conceptual tools for thinking about loss, community, and damaged life. We will examine how religious practices change in relation to losses and reflect on losses of religion both personally (e.g., because one’s hitherto familiar value system breaks down) and collectively (e.g., the forced conversions and suppression of religious traditions by colonialism). We will track how loss and rituals surrounding loss can change how history, time, space, and meaning are experienced. We will ask what if anything comes after or alongside loss, especially given the perdurance of loss that is brought about by centuries of systemic violence. Given the circumstances of our moment, we will also take time to reflect on the (hopefully only temporary) loss of face-to-face communal learning in a shared classroom and what new rituals of virtual learning mean for building communities and relating to others and the world. Rather than trying to settle on definitive answers, this course will cultivate a process of open-ended collective inquiry in which students will be encouraged to think autonomously and to challenge facile solutions. Students should come away from the course with an expanded sense of how we grapple with issues related to loss, damaged life, community, complicated and violent pasts, the precarity of the present, vanishing futures and how religion and religious formations are entangled with these issues

well beyond religious communities. Ideally, students should experience this course as enlarging the set of critical tools at their disposal for creative and rigorous thinking

Fall 2022: RELI UN1320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 1320	001/11622	T Th 2:40pm - 3:55pm C01 80 Claremont	Yannik Thiem	3.00	23/30

RELI UN1610 Religion and Popular Culture. 3 points.

When we hear “pop culture,” we often think of it in comparison to a “high culture.” In reality, popular culture is something that everyone has easy access to, and represents a common language of the people. religion permeates American popular culture in surprising ways, and is part of national vocabulary.

In addition, religious communities turn to popular culture as a way to preserve their own identities and uniqueness in the face of homogenization and assimilation.....

RELI UN1612 Religion and the History of Hip Hop. 4.00 points.

This is an undergraduate lecture course introducing students to the study of religion through an engagement with the history of hip hop music. More specifically, this course is organized chronologically to narrate a history of religion in the United States (circa 1970 to the present day) by mapping the ways that a variety of religious ideas and practices have animated rap music’s evolution and expansion during this time period. While there are no required prerequisites for the course, prior coursework in religious studies, African American studies, and/or popular music is helpful

RELI UN1615 Vampires. 3 points.

Do you believe in vampires? Like ghosts and zombies, vampires circulate in a secularized world and few are those who would speak of a “vampire religion.” This course will attempt to do that. It will ask about the ubiquitous figure of the vampire, insofar as it evokes the ancient and the archaic, the modern and the postmodern. With Bram Stoker’s *Dracula* as our guide, and with the help of film, we will explore the religious significance of vampires and what they mean for the salvation — or perdition — of the soul. We will wonder about vampires and sexuality, vampires and media, vampires and (geo-)politics, and even vampires and the economy.

RELI UN1620 Religion and the Movies. 3 points.

This class is an introduction to both film and religious studies and aims to explore their interaction. Ranging from auteurs to blockbusters, the course will analyze movies that make use of the sacred and of religious themes, figures or metaphors. The course will probe the definitions and boundaries of religion -as theology, myth, ideology- and will show students how religion remains a critical presence in the arts, even in a secular guise. We will look at the ways in which popular culture can serve religious functions in contemporary society and examine how faith is represented in popular culture.

RELI UN2105 CHRISTIANITY. 3.00 points.**RELI UN2201 BUDDHISM: INDO-TIBETAN-DISC. 0.00 points.**

The course introduces the history of Indo-Tibetan Buddhism throughout India, South and Southeast Asia, Tibet, and Central Asia, its essential primary textual source materials translated from Pali, Sanskrit, and Tibetan, and the philosophical insights of some of the traditions' outstanding individuals

RELI UN2205 BUDDHISM: INDO-TIBETAN. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course introduces the history of Indo-Tibetan Buddhism throughout India, South and Southeast Asia, Tibet, and Central Asia, its essential primary textual source materials translated from Pali, Sanskrit, and Tibetan, and the philosophical insights of some of the traditions' outstanding individuals

RELI UN2301 ISLAM-DISCUSSION. 0.00 points.

Fall 2022: RELI UN2301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2301	001/12884		Aziza Shanazarova	0.00	6/20

RELI UN2304 CHRISTIANITY. 3.00 points.

Survey of Christianity from its beginnings through the Reformation. Based on lectures and discussions of readings in primary source translations, this course will cover prominent developments in the history of Christianity. The structure will allow students to rethink commonly held notions about the evolution of modern Christianity with the texture of historical influence

Spring 2023: RELI UN2304

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2304	001/13063	M W 2:40pm - 3:55pm 401 Chandler	Elizabeth Dolfi	3.00	27/30

RELI UN2305 ISLAM. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An introduction to the Islamic religion in its premodern and modern manifestations. The first half of the course concentrates on "classical" Islam, beginning with the life of the Prophet, and extending to ritual, jurisprudence, theology, and mysticism. The second half examines how Muslims have articulated Islam in light of colonization and the rise of a secular modernity. The course ends with a discussion of American and European Muslim attempts at carving out distinct spheres of identity in the larger global Muslim community

Fall 2022: RELI UN2305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2305	001/11623	M W 4:10pm - 5:25pm C01 80 Claremont	Aziza Shanazarova	4.00	12/20

RELI UN2306 INTRO TO JUDAISM. 3.00 points.

A historical overview of Jewish belief and practice as these have crystallized and changed over the centuries. Special attention to ritual and worship, the forms of religious literature, central concepts, religious leadership and institutions, Israel among the nations

RELI UN2307 CHINESE RELIGIOUS TRADITIONS. 3.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Historical survey highlighting major developments in Chinese religion: includes selections from the Warring States classics, developments in popular Daoism, and an overview of the golden age of Chinese Buddhism. Touches on Neo-Confucianism, popular literature of the late imperial period, and the impact of Western ideas

RELI UN2308 BUDDHISM: EAST ASIAN. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Lecture and discussion. An introductory survey that studies East Asian Buddhism as an integral, living religious tradition. Emphasis on the reading of original treatises and historiographies in translation, while historical events are discussed in terms of their relevance to contemporary problems confronted by Buddhism. There is a mandatory weekly discussion session

Fall 2022: RELI UN2308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2308	001/11624	T Th 8:40am - 9:55am 501 Northwest Corner	Michael Como	4.00	135/150

RELI UN2309 HINDUISM. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Considers efforts since 1900 to synthesize a coherent understanding of what Hinduism entails, sometimes under the heading of sanatana dharma. Using a rubric provided by the Bhagavad Gita, explores philosophical/theological (jnana), ritual (karma), and devotional (bhakti) aspects of Hindu life and thought

RELI UN2312 Religion and Nasty Women. 4.00 points.

Used in 2016 by then presidential candidate, Donald Trump, in reference to his female opponent, Hillary Clinton, the phrase "nasty woman" has become a badge of honor and a rallying cry for women's empowerment. The origin of the word "nasty," attested in the 14th century, indicates highly unpleasant qualities- nauseating or unclean, in a literal or figurative way. It also came to evoke indecency and obscenity- and religious traditions have a long history of such depiction of women. After introducing some key texts on the otherness and objectification of women (including by Aristotle, Beauvoir, Kristeva, Nussbaum, and Butler), we will examine a number of female characters- goddesses, prostitutes, and virgins - in the Mesopotamian, Greek, Jewish, Christian, Buddhist, Hindu, and Islamic corpus that fit the definition of nasty. We will also

analyze some of the underlying tropes of impurity and danger that characterize nastiness involving bodily fluids, sexuality, and knowledge. Spanning theology, literature, movies, and popular culture the course aims to be a survey of religious-based misogyny as well as women's responses in their pursuit of agency

Spring 2023: RELI UN2312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2312	001/13064	T Th 2:40pm - 3:55pm 329 Pupin Laboratories	Clemence Boulouque	4.00	91/100

RELI UN2313 Religion and Nasty Women - Discussion. 0 points.

Used in 2016 by then presidential candidate, Donald Trump, in reference to his female opponent, Hillary Clinton, the phrase "nasty woman" has become a badge of honor and a rallying cry for women's empowerment.

The origin of the word "nasty," attested in the 14th century, indicates highly unpleasant qualities- nauseating or unclean, in a literal or figurative way. It also came to evoke indecency and obscenity- and religious traditions have a long history of such depiction of women.

After introducing some key texts on the otherness and objectification of women (including by Aristotle, Beauvoir, Kristeva, Nussbaum, and Butler), we will examine a number of female characters- goddesses, prostitutes, and virgins - in the Mesopotamian, Greek, Jewish, Christian, Buddhist, Hindu, and Islamic corpus that fit the definition of nasty. We will also analyze some of the underlying tropes of impurity and danger that characterize nastiness involving bodily fluids, sexuality, and knowledge. Spanning theology, literature, movies, and popular culture the course aims to be a survey of religious-based misogyny as well as women's responses in their pursuit of agency.

Spring 2023: RELI UN2313

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2313	001/13065	Th 4:15pm - 5:15pm 201a Philosophy Hall	Lucilla Ines Martorana	0	19/25
RELI 2313	002/18007	M 4:00pm - 5:00pm 829 Seeley W. Mudd Building	Erez DeGolan	0	16/25
RELI 2313	003/18008	Th 1:00pm - 2:00pm 101 Knox Hall	Emily Renteria	0	22/25
RELI 2313	004/18009	T 4:15pm - 5:15pm C01 80 Claremont	Shweta Radhakrishnan	0	22/25

RELI UN2315 Japanese Religious Traditions. 3 points.

Study of the development of the Japanese religious tradition in the premodern period. Attention given to the thought and practices of Shinto, Buddhism, and Confucianism; the interaction among these religions in Japanese history; the first encounter with Christianity.

RELI UN2316 HINDUISM - DISCUSSION. 0.00 points.

RELI UN2322 Introduction to Islamic Law. 3.00 points.

The platform of every modern "Islamist" political party calls for the implementation of "the shari'a." This term is invariably (and incorrectly) interpreted as an unchanging legal code dating back to 7th century Arabia. In reality, Islamic law is an organic and constantly evolving human project aimed at ascertaining God's will in a given historical and cultural context. This course offers an introduction to the major concepts in Islamic law including its basic method and its interactions with modernity. The first part of the semester is dedicated to "classical" Islamic jurisprudence, concentrating on the manner in which jurists used the Qur'an, the Sunna (the model of the Prophet), and rationality to articulate a coherent legal system. The second part of the course focuses on those areas of the law that engender passionate debate and controversy in the contemporary world. Specifically, we examine the discourse surrounding gender (marriage, divorce, and personhood) and crime/punishment. The course ends by directly engaging issues associated with modernity with a particular focus on science (evolution) and medicine (medical ethics). This class is designed as a broad introduction to the Islamic law with case studies scattered throughout the semester. The format of individual class sessions will vary from topic to topic but students should anticipate *extensive* participation

RELI UN2335 RELI IN BLACK AMERICA:AN INTRO. 4.00 points.

Religion has been a complicated and contested, yet central, organizing force in the making of black life in the America. At the same time, African American religious life has been the subject of much scrutiny throughout the history of the United States, serving arguments that advocated abolition, emancipation and full enfranchisement, but also functioning as evidence to justify enslavement and second-class citizenship. To better understand such phenomena, this course provides a chronological survey that introduces students to a range of ideas and practices, individuals and institutions, as well as important themes and topics in African American (thus American) religious history. Primary attention is given to Afro-Protestantism in the United States; however, throughout the course attention is directed to religious diversity and varying religious traditions/practices in different diasporic locales. By the end of the semester students will be expected to possess a working knowledge of major themes/figures/traditions in African American religious life, as well as key questions that have shaped the study thereof

RELI UN2336 Religion in Black America: An Introduction - Discussion. 0.00 points.

Religion has been a complicated and contested, yet central, organizing force in the making of black life in the America. At the same time, African American religious life has been the subject of much scrutiny throughout the history of the United States, serving arguments that advocated abolition, emancipation and full enfranchisement, but also functioning as evidence to justify enslavement and second-class citizenship.

To better understand such phenomena, this course provides a chronological survey that introduces students to a range of ideas and practices, individuals and institutions, as well as important themes and topics in African American (thus American) religious history. Primary attention is given to Afro-Protestantism in the United States; however, throughout the course attention is directed to religious diversity and varying religious traditions/practices in different diasporic locales. By the end of the semester students will be expected to possess a working knowledge of major themes/figures/traditions in African American religious life, as well as key questions that have shaped the study thereof

RELI UN2388 BUDDHISM: EAST ASIAN-DISC. 0.00 points.

Fall 2022: RELI UN2388

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2388	001/11625		Michael Como	0.00	0/15
RELI 2388	002/11626		Michael Como	0.00	0/15
RELI 2388	003/11627		Michael Como	0.00	0/15
RELI 2388	004/11628		Michael Como	0.00	0/15
RELI 2388	005/11629		Michael Como	0.00	0/15
RELI 2388	006/11630		Michael Como	0.00	0/15
RELI 2388	007/11631		Michael Como	0.00	0/15
RELI 2388	008/11632		Michael Como	0.00	0/15
RELI 2388	009/11633		Michael Como	0.00	0/15
RELI 2388	010/11634		Michael Como	0.00	0/15

RELI UN2405 CHINESE RELIGIOUS TRADITIONS. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course provides a chronological and thematic introduction to Chinese religions from their beginnings until modern times. It examines distinctive concepts, practices and institutions in the religions of China. Emphasis will be placed on the diversity and unity of religious expressions in China, with readings drawn from a wide-range of texts: religious scriptures, philosophical texts, popular literature and modern historical and ethnographic studies. Special attention will be given to those forms of religion common to both “elite” and “folk” culture: cosmology, family and communal rituals, afterlife, morality and mythology. The course also raises more general questions concerning gender, class, political patronage, and differing concepts of religion

Spring 2023: RELI UN2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2405	001/13066	T Th 2:40pm - 3:55pm	Zhaohua Yang	4.00	59/70

601 Fairchild Life Sciences Bldg

RELI UN2406 Chinese Religious Traditions - Discussion. 0.00 points.

This course provides a chronological and thematic introduction to Chinese religions from their beginnings until modern times. It examines distinctive concepts, practices and institutions in the religions of China. Emphasis will be placed on the diversity and unity of religious expressions in China, with readings drawn from a wide-range of texts: religious scriptures, philosophical texts, popular literature and modern historical and ethnographic studies. Special attention will be given to those forms of religion common to both “elite” and “folk” culture: cosmology, family and communal rituals, afterlife, morality and mythology. The course also raises more general questions concerning gender, class, political patronage, and differing concepts of religion

Spring 2023: RELI UN2406

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2406	001/18010	M 11:10am - 12:00pm 325 Pupin Laboratories	Mehreen Jiwan	0.00	12/24
RELI 2406	002/18011	W 5:10pm - 6:00pm 467 Ext Schermerhorn Hall	Qichen Qian	0.00	24/24
RELI 2406	003/18012	Th 1:10pm - 2:00pm C01 80 Claremont	Stephanie Bell	0.00	23/24

RELI UN2415 Religions of Harlem. 3 points. Not offered during 2022-23 academic year.

Through a range of field exercises and classroom guests, this course will introduce students to the rich religious history of Harlem, while also challenging them to document and analyze the diversity of Harlem's contemporary religious scene.

RELI UN2506 From Exodus to the Coronavirus: Scriptures and Narratives of Religious Responses to Epidemics. 4.00 points.

The purpose of this course is to offer an overview of religious responses to epidemics and pandemics, mostly in a monotheistic tradition, and to engage with the questions of collective guilt, collective mourning, divine justice (or lack thereof), and the societal disruption that such illnesses create or expose as well as persecution and discrimination. The questions raised will help us find parallels with these times of pandemics and put our current times into perspective, but also contextualize and reflect on the nuances of past events and responses

RELI UN2507 From Exodus to the Coronavirus: Scriptures and Narratives of Religious Responses to Epidemics - Discussion. 0.00 points.

The purpose of this course is to offer an overview of religious responses to epidemics and pandemics, mostly in a monotheistic tradition, and to engage with the questions of collective guilt, collective mourning, divine justice (or lack

thereof), and the societal disruption that such illnesses create or expose as well as persecution and discrimination. The questions raised will help us find parallels with these times of pandemics and put our current times into perspective, but also contextualize and reflect on the nuances of past events and responses

RELI UN2670 MAGIC AND MODERNITY. 3.00 points.

This course introduces students to the cultural history of magic: as an idea, as a practice, and as a tool with which wield power and induce wonder. Magic, as we will explore, is a modern concept, the contours of which have been shaped by its relations with religion and science, always against larger backdrops—of the Enlightenment, Romanticism, (post) colonialism, and (post) secularism. Readings are drawn from philosophy, anthropology, religious studies, sociology, drama, literature, history, history of science, and political theory. Cases and readings focus on everything from medieval England to post-socialist Mozambique. Throughout the term, a recurring theme will be whether, and to what extent, magic is incompatible with modernity—or, actually, integral to its constitution. By the end of this course, students should be familiar with a variety of ways in which magic has been understood since the early modern era, in a wide range of settings and cultural contexts. By tracing understandings of magic, students should also come away with an appreciation of how the authority of being “modern” is constructed (and contested) in relation to contemporary valuations of reason, science, enchantment, and the imagination

Fall 2022: RELI UN2670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2670	001/11635	T Th 2:40pm - 3:55pm 307 Uris Hall	Matthew Engelke	3.00	24/40

RELI UN2779 INTRODUCTION TO NATIVE AMERICAN RELIGIOUS TRADITIONS. 3.00 points.

There are over 800 distinct Native American nations currently within the borders of the United States. This course offers a broad introduction to the diversity of American Indian religious systems and their larger functions in communities and in history. We will explore general themes in the study of Native American religious traditions as well as look at some specific examples of practices, ideas, and beliefs. Of particular importance are the history and effects of colonialism and missionization on Native peoples, their continuing struggles for religious freedom and cultural and linguistic survival, and the ways in which American Indians engage with religion and spirituality, both past and present, to respond to social, cultural, political, and geographical change

Fall 2022: RELI UN2779

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2779	001/00279	T Th 11:40am - 12:55pm LI103 Diana Center	Tiffany Hale	3.00	35/60

RELI UN3199 THEORY. 4.00 points.

An exploration of alternative theoretical approaches to the study of religion as well as other areas of humanistic inquiry. The methods considered include: sociology, anthropology, philosophy, hermeneutics, psychoanalysis, structuralism, genealogy, and deconstruction. (Previous title: Juniors Colloquium)

Fall 2022: RELI UN3199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/11636	M 10:10am - 12:00pm 201 80 Claremont	Mark Taylor	4.00	12/20

Spring 2023: RELI UN3199

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3199	001/00190	Th 2:10pm - 4:00pm 407 Barnard Hall	Timothy Vasko	4.00	14/15

RELI UN3202 RELIGION IN AMERICA I. 3.00 points.

This course offers a survey of American religions from the 1500s through the mid-1800s. We examine the politics of conversion in different kinds of colonialisms; the different strands of Christianity in early America and their cultural contexts; the emergence of evangelical Protestantism; the effects of religious disestablishment in the early republic; and the relationship between religion and social movements

Fall 2022: RELI UN3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3202	001/00280	M W 1:10pm - 2:25pm 323 Milbank Hall	Gale Kenny	3.00	27/40

RELI UN3203 RELIGION IN AMERICA II. 3.00 points.

Survey of American religion from the Civil War to the present, with an emphasis on the ways religion has shaped American history, culture, and identity

Spring 2023: RELI UN3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3203	001/00191	M W 2:40pm - 3:55pm 324 Milbank Hall	Gale Kenny	3.00	19/40

RELI UN3204 Religion, Sexuality, and Truth. 3 points.

The extent of Michel Foucault engagement with Christianity has only recently come to light with the publication of his lectures from the early 1980s. These lectures constitute, in many ways, the culmination of Foucault’s work on power, sexuality, subjectivity and the discursive operations whereby knowledge is produced. In this course, we will appreciate the depth and originality of Foucault’s critical account of Christianity and examine the major role it occupied in his thought on subjects such as sexuality, governmentality, truth telling, confession, and judicial forms. We will understand Foucault’s work along with the crucial role he ascribed to Christianity in forming the history of the present.

RELI UN3206 RELIGION IN THE ARCHIVE. 4.00 points.

Students must sign up for a discussion section on Fridays, 10:10-11:25. **Not offered during 2022-23 academic year.**

In Religion in the Archive, students will conduct archival research and create digital humanities projects that “remix” and decolonize a missionary archive: the Papers of Matilda Calder Thurston (1875-1958), an American missionary who helped establish the first four-year women’s college in China, Ginling College in Nanjing. Thurston’s papers belong to the Missionary Research Library housed at Burke Library. The class will meet twice a week for lectures addressing the history of American and Chinese religions and focused on theoretical questions of imperialism, gender, conversion, and modernization. Students will also engage with debates about the archive/archiving, the digital humanities, and what it means to present scholarly research to a public audience. During the Friday recitation, students will conduct archival research and scan archival documents, to embed metadata, to work with a database program, and to design a website and/or produce a podcast.

RELI UN3207 In the Margins of the Middle Ages: Religious Minorities in the Medieval Latin West. 4.00 points.

This course investigates marginal religious groups, including apostates, heretics, Jews, magicians, Muslims, etc. against the backdrop of Christianity in medieval Western Europe. Through examining various types of primary textual and pictorial sources including papal letters, penitential handbooks, lawyers’ commentaries, autobiographies, manuscript illuminations, paintings, etc., the class will facilitate students to rethink the socio-historical situation of religious minorities, the defining of religious boundaries in history, and the echoes of such defining in the contemporary world. (No prerequisites)

RELI UN3208 Aaahh Real Monsters: Critical Monster Studies. 3.00 points.

This course examines the major issues and themes of critical monster studies. It explores questions about how we conceive and understand monsters theoretically, historically, socially, and culturally. Is there a quintessential monster category? Or are monsters constructed? How do social, cultural, and religious factors affect our perception of monsters and the idea of monstrosity? What roles do monsters fill in determining how people construct and deconstruct their communities? Are monsters members of the community? What does the idea of monstrosity imply about the limits of what is possible in nature? Are monsters just supernatural or are there natural monsters? And what do modern depictions of monsters in popular media have to say about how our perception of monsters is changing? Together, we explore all of these questions and orient students into the burgeoning field of critical monster studies

RELI UN3210 MILLENNIUM: APOCALYPSE AND UTOPIA. 3.00 points.

Study of apocalyptic thinking and practice in the western religious tradition, with a focus on American apocalyptic

religious movements and their relation to contemporary cultural productions, as well as notions of history and politics

RELI UN3216 Religious Histories of New York City. 4.00 points.

This class examines different religious histories of New York City from the early 1800s through the 1950s. We will explore how different religious traditions were shaped by the city and its diversity, and how those people and institutions left their imprints on the city we live in today. The first half of the semester focuses on intersecting themes of religion and capitalism, religion and gender and sexuality, and on the social dynamics of the city’s symbolic meanings as place of refuge and liberation (for domestic and foreign migrants) or as a locus of sin in need of moral reform. The second half of the semester turns to case studies of different neighborhoods including Harlem, the Lower East Side, Williamsburg, and Flushing. How did different religious communities conceptualize “the neighborhood” in relation to the larger city, and how did they grapple with diversity and change? Students will also be introduced to archival collections of the East Harlem Protestant Parish and several settlement houses located at the Burke Library at Union Theological Seminary and at Butler Library
Spring 2023: RELI UN3216

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3216	001/00192	T 4:10pm - 6:00pm 214 Milbank Hall	Gale Kenny	4.00	19/20

RELI UN3225 Religion and Capitalism: Faith and the American Market. 3 points.

Is the market a religious system? Can we consider “capitalism” to be a key arena in which the relationship between the religious and the secular is both negotiated and performed? In this course, students will explore the complicated relationship between faith and the market, the religious and the secular, and the evolution of vice and virtue as they relate to economic thriving in the United States. While no hard and fast rules for thinking about the relationship between right conduct and material interests cut across all religious and philosophical traditions, human agents invest real faith into currency, into markets, and into the reigning economic order to bring about increased opportunities, wealth, and freedom to people across the globe. Throughout this semester, we will chart both the long shadows and the future trajectories of these beliefs from our American perspective.

In this course, students will develop a strong foundational knowledge of the key theorists who have defined these relationships for generations before applying a critical lens to a number of global themes (the construction of race, the power of class, and the policing of gender) in an American context. To this end, our syllabus will be split into three units, each anchored by a particular theorist central to the academic study of religion (Max Weber, Karl Marx, and Michel Foucault) and followed by a number of case study texts that will bring their constructs and lenses into more lively debate and discussion.

RELI UN3230 PHILOSOPHY OF RELIGION. 3.00 points.

This course in the Philosophy of Religion will consider the relationship between faith and reason, religion and morality, religion and art, and religion and technology. Attention will be devoted to an exploration of comparative interpretations of God or the divine in the western philosophical and theological traditions and Zen Buddhism as well as the interrelation of interpretations of God, self, and world. The course will conclude with a consideration of the question of life after death in philosophy, literature, and information technology

RELI UN3232 Museums and Sacred Things. 4 points.

This course invites students to consider how museums create, curate, collect, and engage with sacred things, including things that are recognizably religious, things that become “sacred” through the processes of museum collection and display, visitors to museums, and even museum spaces themselves. This course focuses on the American context, and American museums. We will first consider the particular social and political contexts in which museums and museum practices developed and responded to sacred things, and the contexts in which “religion” serves as a valuable if often implicit classification structure. We will then focus on the ways in which things deemed sacred are engaged by museums and encountered by museumgoers, with particular attention to the ways that museumgoers, museum architecture, and religious communities all interact in relation to object. In this class, students will learn to thoughtfully ask question and evaluate the role that museums as public institutions play in shaping public and private understandings and experiences of religion, the sacred, and spirituality.

RELI UN3233 Museums and Sacred Things - Discussion. 0 points.

This course invites students to consider how museums create, curate, collect, and engage with sacred things, including things that are recognizably religious, things that become “sacred” through the processes of museum collection and display, visitors to museums, and even museum spaces themselves. This course focuses on the American context, and American museums. We will first consider the particular social and political contexts in which museums and museum practices developed and responded to sacred things, and the contexts in which “religion” serves as a valuable if often implicit classification structure. We will then focus on the ways in which things deemed sacred are engaged by museums and encountered by museumgoers, with particular attention to the ways that museumgoers, museum architecture, and religious communities all interact in relation to object. In this class, students will learn to thoughtfully ask question and evaluate the role that museums as public institutions play in shaping public and private understandings and experiences of religion, the sacred, and spirituality.

RELI UN3260 Sociology of Religion. 3 points.

Prerequisites: prior coursework in religion or sociology is highly encouraged.

This course introduces classical and contemporary theoretical and empirical approaches to the sociological study of religion, including secularization and secularity, religious identity formation, and sociological approaches to religious practice and meaning. Special focus will be on contemporary American topics, including religion and transnationalism, the role of religious actors and discourses in American politics, law and economics, and everyday religious practice.

RELI UN3303 Judaism and Translation in the Medieval and Early Modern Mediterranean. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course explores both the practice of translation (the rendering of texts from one language to another) and the idea of translation (as a medium of cultural transmission) in the medieval and early modern Mediterranean.

RELI UN3304 Memory and Violence in Shi'i Islam. 4 points.

Not offered during 2022-23 academic year.

Why do humans insist on remembering and often memorializing violence? And how do they decide when violence is worth remembering or not? This course ponders these questions through a case study by examining the martyrdom of Husayn b. Ali (d. 680), grandson of the Prophet Muhammad and the third Imam in Shi'i Islam. We will explore the many ways in which this violent event has acquired meaning for people around the world from the seventh century until today using the lens of "collective memory" and its role in community formation. There are no prerequisites, but background knowledge of Middle Eastern history will be very helpful.

RELI UN3309 Modern Islamic Thought. 4 points.

Who speaks for Islam and Muslims today? Is an "Islamic Reformation" necessary? Is there a Muslim "clergy"? What makes certain religious voices and institutions more authoritative than others? This course explores questions such as how can we conceptualize "authority" and the ways in which religious authorities are constructed in Islam in the modern and post-modern age. What sorts of shifts have occurred at centers of Islamic learning in the modern period? How may some of major influential orientations to Islamic thought today be characterized? How are American Muslims thinkers influenced by modern Islamic thought from Muslim majority countries and how are they developing their own body of thought? What are some of the major debates in contemporary American Muslim thought regarding violence, gender, race and economic justice?

RELI UN3314 QURAN. 4.00 points.

This course conceives of the Qur'ān as a living text in constant flux through interactions with other religious traditions. It focuses on developing an understanding of the Qur'ān's form, style, and content through a close reading of comparable religious texts. Major topics covered include the Qur'ānic theory of prophecy, its treatment of the Biblical tradition (both

that of the Hebrew Bible and the New Testament), and its perspective on pre-Islamic pagan religion. The central goals of the course include the ability to (a) analyze primary religious sources in a critical and objective manner and (b) construct coherent arguments based on concrete evidence. In a class of this nature, class members will naturally hold or develop a wide variety of opinions about the topics covered. The goal is not to adopt a single opinion concerning the interpretation of a particular text, but rather to support personal conclusions in a clear logical manner

RELI UN3315 Readings in Kabbalah. 3 points.

This course will serve to provide a wide but detailed exploration of Jewish Mysticism, raising questions about its connection to other Jewish traditions, the kind of symbolism and hermeneutics at stake, and the conception of God, man and world we are dealing with, amongst other major ideas.

RELI UN3317 Deep Tantra: Sex, Violence, Ritual. 4.00 points.

This course is an introduction to the tantric traditions of premodern India (c. 300 - 1000 CE) with a particular emphasis on the history of #aivism (pronounced “Shaivism”) – that is, religious currents associated with scriptures called tantras that were believed to have been revealed by the god #iva (pronounced “Shiva”). #aivism is generally considered to be one of the many strands that make up Hinduism, but we will explore, both historically and thematically, the aspects that made tantric #aivism unique, including its ritual use of sex and violence. Our exploration into the tantric world will seek to make sense of these and other types of practices within the broader religious context of traditional South Asia. We will also examine how aspects of tantric religion became an important religious context for a variety of communities and the ways in which tantric #aivism transformed other religious groups

RELI UN3318 Humor, Joy, and Happiness in Judaism. 4.00 points.

Jewish history is plagued with tragedies and suffering. It only makes sense, then, that scholars of Jewish Studies tend to focus on moments of hardship and pain. But do disasters and the despair tell the whole story? What gets missed when we prioritize despair and misery and cast aside allegedly “lighter” and more “positive” themes? Such questions are the engine that runs this seminar. Here, students are invited to rethink the cultural roles of joy in Judaism, take Jewish humor seriously, and ponder whether happiness in Judaism is distinct from what we find in other religious traditions. “Joy, Humor, and Happiness in Judaism” is not, however, a feel-good course. Throughout the semester, through careful readings of primary sources (in translation) and contemporary theories, we will explore how so-called positive emotions, moods, and affects are inextricable from the most “serious” aspects of religion, politics, and the human experience, such as identity formation, violence, gender norms, and power

Fall 2022: RELI UN3318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 3318	001/11643	Th 12:10pm - 2:00pm 201 80 Claremont	Erez DeGolan	4.00	13/15
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RELI UN3321 Religion and Climate Crisis: India. 4.00 points.

Connections between dramatic climate assaults and religious practices and perspectives, taking Hindu India as an example: glaciers and floods, extreme weather, overpopulation, air and water pollution, deforestation. Hindu contexts, causes, and responses

RELI UN3322 Religion # Climate Crisis: India - Discussion. 0.00 points.

This is the discussion section for RELI UN3321. You must register for that course before registering for this course

RELI UN3340 EARLY CHRISTIANITY. 3.00 points.

Examines the competing currents within early Christianity, with emphasis placed on the literary and social expressions of Christian belief and identity. Topics to be covered include persecution and martyrdom, debates over authority and religious experience, orthodoxy and heresy, and asceticism and monasticism, among others

Spring 2023: RELI UN3340

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3340	001/00193	M W 1:10pm - 2:25pm 324 Milbank Hall	Elizabeth Castelli	3.00	26/40

RELI UN3357 I and We in the Christian East: The Making of Identity. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will provide a survey of Christian history in the eastern Mediterranean and Near East from roughly the fourth to the eleventh centuries with particular attention to religion and identity. How would the various Christians in this era answer the questions: “Who am I?” “Who are we?” How did their understanding of the divine influence their understanding of themselves and how was this identity enacted through writing and ritual? Though our focus will be on this period, we will also consider the framing of the history of “Eastern” Christianity into the modern period. No prerequisites.

RELI UN3401 MUSLIMS IN DIASPORA-DISC. 0 points.

Corequisites: RELI UN3407

Discussion section associated with RELI UN3407-MUSLIMS IN DIASPORA.

RELI UN3406 Space, Narrative, and Religion in India. 3 points.

Not offered during 2022-23 academic year.

Course Description: This course is fundamentally about sacred places and the stories that people tell about and within them. We will explore the role that narratives – mythological, historical, personal, and academic – have played in the creation, maintenance and conceptualization of sacred spaces in South Asia. Each class in the first section of the course is devoted

to a particular site or category of sites, and examines the roles that religious texts and iconography play in the traditions with which the sites are associated. In the second section of the course, we will consider ethnographic perspectives on religious journeys. Finally, in the third section, we will focus on the idealization of region or nation as a sacred space, and examines the manner in which narratives are invoked to formulate identities and to negotiate conflicts and differentials of power.

As we navigate these topics, we will explore answers to the following questions: How are spaces made “sacred”? What are the multiple types of narratives that come to be associated with sacred spaces, and what roles do they play in their production? How are such narratives transmitted, and for whom? How do religious practitioners utilize these spaces and their narratives in order to negotiate various facets of daily life, and in order to situate themselves within the religious landscape of South Asia?

RELI UN3407 Muslims in Diaspora. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Consideration of controversies surrounding mosque-building, headscarves, honor killing, and other publicized issues that expose tensions surrounding citizenship and belonging for Muslims in North America and Europe. Exploration of film and other media representations of Muslims in the West. There will be additional meeting times for film screenings

RELI UN3414 Changing Places. 4.00 points.

Globalization, climate, migration, surveillance, homelessness, and virtualization are changing the places where people live, work, love, pray, struggle, and die. This course explores the presuppositions and implications of intersecting vectors that are pushing society to the edge of collapse. The inquiry begins with a consideration of the contemporary status of the four ancient elements – earth, air, water, and fire, and proceeds to explore displacements in cities and the country and replacements in churches, temples, mosques, woods, gardens, and cemeteries. Have we passed the tipping point, or is recovery still possible?

RELI UN3425 Judaism and Courtly Literature in Medieval and Early Modern Iberia and Italy. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course explores secular Jewish literature composed in the medieval and Early Modern Mediterranean in the context of its Arabic and Romance-language counterparts. After examining the literary, linguistic and philosophical backdrop of Jews in the Islamic Empire, we will focus on poetry and prose of al-Andalus, Christian Spain and Italy. We will look at examples of how Jews depicted themselves and how Christian and *converso* thinkers portrayed Jews. In addition, we will consider two crossover writers, one Jew in Spain and one in Italy, whose compositions in Castilian and Italian were accepted and integrated into Christian society. Historical materials will accompany textual examples, which span the eleventh through sixteenth centuries.

RELI UN3430 Indigenous Religious Histories. 4 points.

Nomads, natives, peasants, hill people, aboriginals, hunter-gatherers, First Nations—these are just a handful of the terms in use to define indigenous peoples globally. The names these groups use to describe themselves, as well as the varying religious practices, attitudes, and beliefs among these populations are far more numerous and complex. For much of recorded history however, colonial centers of power have defined indigenous peoples racially and often in terms of *lacking* religion; as pagan, barbarian, non-modern, and without history or civilization.

Despite this conundrum of identity and classification, indigenous religious traditions often have well-documented and observable pasts. This course considers the challenges associated with studying indigenous religious history, as well as the changing social, political, and legal dimensions of religious practice among native groups over time and in relationship to the state. Organized thematically and geographically, we will engage with classic works of ethnohistory, environmental history, indigenous studies, the history of anthropology, and religious studies as well as primary sources that include legal documentation, military records, personal testimony, and oral narrative.

RELI UN3500 BUDDHIST ETHICS. 3.00 points.

Fall 2022: RELI UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3500	001/15012	T Th 2:40pm - 3:55pm 201 80 Claremont	Thomas Yarnall	3.00	5/24

RELI UN3501 Introduction To the Hebrew Bible. 3 points.

An introduction, by critical methods, to the religious history of ancient Israel against the background of the ancient Near East.

RELI UN3511 Tantra in South Asia, East Asia & the West. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An introduction to the history, literature, and ideology of Tantra and Tantric texts, deities, rituals, and traditions, proceeding chronologically from the early centuries C.E. to current forms of Tantric practice, and primarily covering India, China, and Japan. Attention will also be given to contemporary iterations of Tantra in the West. Questions of definition, transmission, patronage, gender, and appropriation link the various sections of the course. Readings include primary texts, secondary sources, local case studies, and art historical material.

RELI UN3517 Queer Theory, Religion, and Their Discontents. 3.00 points.

For the most part queer studies and religious studies have met each other with great suspicion and little interest in the conceptual resources of the respectively other field. Our guiding questions will be: What does religion have to do with queerness? What does queerness have to do with religion? Queer theory and activists, unless they already identify as

religious, often have little or little good to say about religion. Conversely, many religious traditions intensively regulate gender, sex, sexuality, and especially queerness. This course will explore how religious studies can enrich queer theory and how queer theory can reshape our thinking about religious studies. But beyond the mutual disinterest, anxieties, and animosities, queer studies and religious studies share actually a whole range of core interests and questions, such as embodiment, sexuality, gender-variability, coloniality, race appearing as religious identity and religious identity as gendered, as well as the role of catastrophe, utopia, and redemption in our experience of the world. We will examine questions about religion come to the fore when we paying especially attention to queerness, gender, sexuality, pleasure, pain, and desire. Equally, we will examine how queer discourses mobilize religious and theological images and ideas, especially where these images and ideas are no longer clearly recognizable as having religious origins. Rather than trying to settle on definitive answers, this course will cultivate a process of open-ended collective inquiry in which students will be encouraged to think autonomously and challenge facile solutions. Students should come away from the course with an expanded sense of how we grapple with issues related to gender, sexuality, desire, and embodiment in our everyday lives and how religion and religious formations are entangled with these issues well beyond religious communities. Ideally, students should experience this course as enlarging the set of critical tools at their hands for creative and rigorous thinking

RELI UN3518 Buddhism in East Asian Medical Cultures. 3 points.

This seminar introduces students to the intersections between Buddhism and medicine in East Asia in the premodern period. The course begins with Buddhist ideas and practices concerning health and disease in ancient India over two millennia ago, and follows the eastward transmission of these concerns and activities into China, Korea, and Japan until roughly the 16th century. In addition to secondary studies representing the latest research in this burgeoning field, this course gives special attention to critical readings of shorter selections of primary sources translated into English, including sutras, monastic regulations, recipe collections, liturgical documents, and longevity manuals. Reading these selections through multiple methodological frameworks—social history, history of the body, and material culture, students will gain an appreciation of the rich diversity that characterized Buddhist healthcare practices before the introduction of Western medicine. A fundamental premise of this course is that different currents of Buddhism constituted medical cultures in their own right, a perspective that will help us to complicate conventional notions of both “religion” and “medicine.” We will aim to achieve a nuanced understanding of the ways that healing concerns shaped how monks and nuns related to actors of other therapeutic communities, and therefore emphasis is placed on the social and cultural contexts in which Buddhist medical practices were embedded. Students will thereby acquire a basic grounding in East Asian Buddhism to complement

our particular concern with the dynamics of medical history. Previous coursework in Buddhism or East Asian religion is thus recommended but not required.

RELI UN3521 Muslim Masculinities. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This interdisciplinary course explores a variety of Muslim modes of masculinity as they have developed over time and as they have varied across different regions of the Islamic World. Students examine and problematize the social and cultural construction of masculinity in various parts of the Islamic world, including in the Middle East, South Asia, Sub-Saharan Africa, and in the Muslim diasporas of Europe and the Americas. In trying to understand the complex ways in which men and manhood are made in Islamic societies we will center our attention on the perceptions of bodily and social differences in Muslims’ larger articulations of gender and sexuality. A particular focus will be on the relationship between masculinity and violence against women and non-Muslims.

RELI UN3522 MUSLIM MASCULINITIES-DISC. 0 points.

Discussion section for RELI UN3521 - MUSLIM MASCULINITIES

RELI UN3575 EVANGELICALISM. 3.00 points.

Crossing denominations and encompassing a range of theological commitments, evangelical Christianity can be described as a theological disposition, a mode of hermeneutical practice, a theological-aesthetic sensibility, a mass spiritual movement, a practice of cultivating sacred affect, an errand to the world, and a genre of revivalism. This multidisciplinary seminar will emphasize the role of popular media in constituting an evangelical public, the gendered nature of evangelical subjectivity, the role of sex and sexuality in evangelical self-definition, and the ways that evangelical theological categories have shaped what we think of as “the secular” in the United States.

Fall 2022: RELI UN3575

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3575	001/14967	W 10:10am - 12:00pm 401 Chandler	Elizabeth Dolfi	3.00	12/15

RELI UN3606 Religion and Media in America. 3 points.

This course examines the role of media in shaping religious identities, beliefs, practices, and institutions using case studies from American history and contemporary American culture. For the purpose of this course, the term media will be interpreted broadly to mean any technique or technology designed to communicate information such as verbal discourses, written texts, visual representations, ritual gestures, sacred objects, and telecommunication technologies. In foregrounding media, we will examine how religious beliefs and practices have been remembered, disseminated, translated, and contested in the American context. Just as important, we will examine how religious groups have negotiated their

American identity through media practices and their narrative content.

As we will see, acts of transmission such as writing, mapping, broadcasting, and televising play essential parts in drawing and erasing communal boundaries from both within and without. With this in mind, we will not be attempting to identify what religion is, so much as the ways in which historical actors understood themselves to be religious. We will find that what counts as religion varies, sometimes dramatically, across times, spaces, and cultures; “America” is similarly unstable and contested. Our job, then, will be to understand the role of media and mediation in constituting their contours.

RELI UN3612 The Religious History of Hip Hop. 3 points.

This is an undergraduate lecture course introducing students to the study of religion through an engagement with the history of hip hop music. More specifically, this course is organized chronologically to narrate a history of religion in the United States (from 1970 to the present day) by mapping the ways that a variety of religious ideas and practices have animated rap music’s evolution and expansion during this time period. While there are no required prerequisites for the course, prior coursework in religious studies, African American studies, and/or popular music is helpful.

RELI UN3625 Hippie Physics, Counterculture, Cyberculture. 3.00 points.

The world inside your smartphone may not be all that it seems. Everything from your e-banking app to your TikTok algorithm can be traced back to the Woodstock-going, acid-taking, love (not war)-making attitude that permeated the youth (in spite of the generations before) in counterculture America. Today’s technosphere grew out of the convergence of the post-World War II and Cold War military-industrial complex and the 1960s counterculture. Resistance to the war in Viet Nam, the Civil Rights movement, and the spread of Buddhist thought created social unrest and political disorder. (Almost) simultaneously, a counter counterculture emerged – conservative Christians joined forces with right wing and libertarian politicians to resist sex, drugs, and rock-and-roll, and promote a religiously, politically, and racially “purified” America. Sound familiar? In the midst of this turmoil, groups of physicists who had dropped out (but not necessarily tuned in) gathered in San Francisco and Palo Alto garages to create a technological revolution that continues to transform the world. This course will explore this seminal period through a consideration of music, films, and books of this era, as well as the technological and philosophical implications that quantum physics has on our society and culture today

Spring 2023: RELI UN3625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3625	001/16566	M W 10:10am - 11:25am 201 80 Claremont	Mark Taylor	3.00	22/22

RELI UN3630 Religion and Black Popular Cultures. 3 points.

As an exploration of the relationship between religion, race, and popular culture, the course will begin with theoretical readings that expose students to a variety of definitions of and approaches to each of these categories. After tackling these theoretical concerns, the remainder of the course will entail a cross genre and thematic engagement with the terrain of black popular culture(s) in which students will be challenged to apply new theoretical resources in order to interpret a wide range of “religious” phenomena.

RELI UN3671 Religion and Human Rights. 4.00 points.

What is the relationship between religion and human rights? How have different religious traditions conceived of “the human” as a being worthy of inherent dignity and respect, particularly in moments of political, military, economic, and ecological crisis? How and why have modern regimes of human rights privileged some of these ideas and marginalized others? What can these complicated relationships between religion and human rights explain some of the key crises in human rights law and politics today, and what avenues can be charted for moving forward? In this class, we will attempt to answer these questions by first developing a theoretical understanding of some of the key debates about the origins, trajectories, and legacies of modern human rights’ religious entanglements. We will then move on to examine various examples of ideas about and institutions for protecting “humanity” from different regions and histories. Specifically, we will examine how different societies, organizations, and religious traditions have addressed questions of war and violence; freedom of belief and expression; gender and sexual orientation; economic inequality; ecology; and the appropriate ways to punish and remember wrongdoing. In doing so, we will develop a repertoire of theoretical and empirical tools that can help us address both specific crises of human rights in various contexts, as well as the general crisis of faith and observance of human rights as a universal norm and aspiration for peoples everywhere

Spring 2023: RELI UN3671

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3671	001/00194	F 2:10pm - 4:00pm 119 Milstein Center	Timothy Vasko	4.00	14/15

RELI UN3755 AFRICAN-AMERICAN RELIGION. 3.00 points.

RELI UN3771 Early Modern Indigenous Thought. 4.00 points.

What is the source of truth and authority? What is the origin of the world and how does that determine the social order? Who ought to rule, why, and how? What are the standards for measuring justice and injustice? What is our relationship to the environment around us and how should its resources be distributed among people? How do we relate to those who are different from us, and what does it mean to be a community in the first place? Historically, the answers to these questions that have been described as “religious” and “political” have

been the restricted to a specific tradition of Western European Christianity and its secular afterlives. However, these are questions that every society asks, in order to be a society in the first place. This course analyzes how indigenous peoples in the Americas asked and answered these questions through the first three centuries of Western European imperial rule. At the same time, this course pushes students to question what gets categorized as uniquely “indigenous” thought, how, and why

Fall 2022: RELI UN3771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3771	001/00650	Th 2:10pm - 4:00pm 111 Milstein Center	Timothy Vasko	4.00	6/15

RELI UN3881 The Doctrine of Discovery: Religion, Law, and Legacies of 1492. 4.00 points.

How did European-Christians justify the colonization of the Americas? Did these justifications vary between different European empires, and between the Protestant and Catholic faiths, and if so, how? Do these justifications remain in effect in modern jurisprudence and ministries? This class explores these questions by introducing students to the Doctrine of Discovery. The Doctrine of Discovery is the defining legal rationale for European Colonization in the Western Hemisphere. The Doctrine has its origins in a body of ecclesiastic, legal, and philosophical texts dating to the late-fifteenth century, and was summarized by Chief Justice John Marshall of the United States Supreme Court, in the final, unanimous decision the judiciary issued on the 1823 case *Johnson v. M'Intosh*. Students will be introduced to the major, primary texts that make up the Doctrine, as well as contemporary critical studies of these texts and the Doctrine in general

Fall 2022: RELI UN3881

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3881	001/00281	Th 4:10pm - 6:00pm 113 Milstein Center	Timothy Vasko	4.00	7/15

RELI UN3901 GUIDED READING AND RESEARCH. 1.00-4.00 points.

Prerequisites: the instructors permission

Fall 2022: RELI UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/11776		Courtney Bender	1.00-4.00/5	
RELI 3901	002/11778		Clemence Boulouque	1.00-4.00/5	
RELI 3901	003/11779		Michael Como	1.00-4.00/5	
RELI 3901	004/11782		Matthew Engelke	1.00-4.00/5	
RELI 3901	005/11783		Katherine Ewing	1.00-4.00/5	
RELI 3901	006/11784		Aziza Shanazarova	1.00-4.00/5	
RELI 3901	008/11787		Mark Taylor	1.00-4.00/5	
RELI 3901	009/11788		Yannik Thiem	1.00-4.00/5	

RELI 3901	010/11789		Zhaohua Yang	1.00-4.00/5	
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Spring 2023: RELI UN3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/16783		Courtney Bender	1.00-4.00/5	
RELI 3901	002/16787		Clemence Boulouque	1.00-4.00/5	
RELI 3901	003/16788		Michael Como	1.00-4.00/5	
RELI 3901	004/16789		Matthew Engelke	1.00-4.00/5	
RELI 3901	005/16790		Katherine Ewing	1.00-4.00/5	
RELI 3901	006/16791		Aziza Shanazarova	1.00-4.00/5	
RELI 3901	007/16792		Mark Taylor	1.00-4.00/5	
RELI 3901	008/16793		Yannik Thiem	1.00-4.00/5	
RELI 3901	009/16794		Zhaohua Yang	1.00-4.00/5	

RELI UN3902 Guided Reading and Research. 3 points.
Independent study in the field of religion.

RELI GU4105 RELIGION LAB. 4.00 points.

In their research, scholars of religion employ a variety of methods to analyze texts ranging from historical documents to objects of visual culture. This course acquaints students with both the methods and the materials utilized in the field of religious studies. Through guided exercises, they acquire research skills for utilizing sources and become familiarized with dominant modes of scholarly discourse. The class is organized around a series of research scavenger hunts that are due at the start of each week's class and assigned during the discussion section (to be scheduled on the first day of class). Additional class meeting on Thursdays

Fall 2022: RELI GU4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4105	001/00283	W 4:10pm - 6:00pm L1001 Milstein Center	Gale Kenny	4.00	8/15

RELI GU4120 GENDER IN ANC CHRISTIANITY. 4.00 points.

This seminar considers the difference gender makes in interpreting ancient Christian texts, ideas, and practices. Topics will include gender hierarchy and homoeroticism, prophecy and authority, outsiders' views of Christianity, bodily pieties such as martyrdom and asceticism, and gender politics in the establishment of church offices. Emphasis will be placed on close readings of primary sources and selected scholarly framings of these sources

Fall 2022: RELI GU4120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4120	001/00284	M 6:10pm - 8:00pm 111 Milstein Center	Elizabeth Castelli	4.00	15/15

RELI GU4160 GNOSIS. 4.00 points.**RELI GU4202 TIME, MODERNITY, DEATH. 4.00 points.**

The notion of modernity in the West implies a distinctive interpretation of temporality and subjectivity, which grows out of theological and philosophical traditions. Lutheran Protestantism, as developed by Hegel, Kierkegaard, and Heidegger, created the conditions for both the construction and the deconstruction of modernism and its extension in postmodernism. The course will examine these two trajectories by considering their contrasting interpretations of the relationship of human selfhood to time and death. On the one hand, the death of God leads to a radical immanence in which human subjectivity either is absolutized as the will to power or mastery that dominates or negates all difference and otherness, or is repressed by universal structures and infrastructures for which individual subjects are unknowing and unwitting vehicles. On the other hand, human subjectivity appears to be finite because its irreducible singularity is always given by an other that can be neither known nor controlled.

The course will conclude by considering the alternative psychological, political, and ethical implications of these two contrasting positions.

RELI GU4204 Religions of the Iranian World. 4 points.

This course is a seminar open to undergraduate and graduate students who wish to gain an understanding of the diverse religious traditions of the Iranian world from ancient to contemporary times. This subject has often been organized around the assumption that a continuous tradition of an Iranian national religious heritage can be identified and traced through from ancient, Zoroastrian to medieval Islamic traditions, and then ultimately to contemporary Shi'ite and minority Zoroastrian and Baha'i traditions. This perspective has presumed that such a legacy has been constitutive and determinative for Iranians' sense of national identity and for their core religious world-view. From the outset, this course aims to problematize and ultimately overturn this approach, first of all, by historicizing the very idea of Iran and by challenging the assumption that an Iranian identity was even recognizable before the twentieth century, much less constitutive of some unbroken traditions of religious thought or practice. While there may be some persistent threads in language, mythic heritage, and religiosity that one can observe throughout the Iranian plateau and Central Asia across the centuries, it is more useful to examine these as part of a larger matrix of exchanges with adjacent cultural and religious systems. Students will examine a series of interrelated themes that are key to the studies of religion in the Iranian world. While the course does cover material that progresses roughly chronologically from the first millennium BCE to contemporary times, it is not a systematic historical survey. Each week will focus on a cluster of scholarly works and related primary sources on focused topics related to the successive religious traditions in Iran, the Mazdaen dualist traditions, Islam, and Baha'ism.

RELI GU4205 Love, Translated: Hindu Bhakti. 4 points.

Hindu poetry of radical religious participation-bhakti-in translation, both Sanskrit (the Bhagavad Gita) and vernacular. How does such poetry/song translate across linguistic divisions within India and into English? Knowledge of Indian languages is welcome but not required. Multiple translations of a single text or poet bring to light the choices translators have made.

RELI GU4206 HISTORY, TIME, AND TRADITION. 4 points.

In *Refashioning Futures*, David Scott asks if the accurate reconstruction of the past of an identity is the crucial point of a theoretical intervention. He ponders, instead, if such a historicist analysis should be followed by an emphatic "But so what?" The importance of asking "so what" is that it allows us to begin to refuse, Scott writes, "history its subjectivity, its constancy, its eternity" and "interrupt its seemingly irrepressible succession, causality, its sovereign claim to determinacy" (105) The question "so what?" requires, in other words, we answer for history's prominence and providence as well as consider other possible formations of community, temporality, and inheritance not anchored by the weight of 'history'.

This seminar examines the overwhelming hold of "history" in the present by considering Scott's poignant "But so what?" We will begin by examining the problem-space of 'history' itself and how 'history' emerged as the foundation to understanding and ordering religious life globally. We will explore the wide-ranging effects of Enlightenment rationality and Orientalist knowledge production as well as consider the imbrication of history with theology and the secular. This section of the course will help develop a shared set of concepts and problematics, which we will continuously encircle throughout. We will then examine how scholars have troubled this historical conscription, reorienting our understandings of temporality, tradition, and the past. The last half of the course, therefore, considers a range of different methods and theories that undo the importance of 'history' while remaining attuned to questions of the past, time, and inheritance.

RELI GU4207 Religion and the Afro-Native Experience. 4.00 points.

African Americans and Native Americans have a shared history of racial oppression in America. However, the prevailing lenses through which scholars understand settler colonialism, religion, and black and indigenous histories focus overwhelmingly on the dynamics between Europeans and these respective groups. How might our understanding of these subjects change when viewed from a different point of departure, if we center the history of entanglements between black and native lives? How does religion structure the overlapping experiences of Afro-Native peoples in North America? From political movements in Minneapolis, Oakland, and New York City to enslavement from the Cotton Belt to the Rio Grande, this class will explore how Africans, Native Americans, and their descendants adapted to shifting contexts of race and religion in America. The course

will proceed thematically by examining experiences of war, dislocation, survival, and diaspora

Fall 2022: RELI GU4207

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4207	001/00285	F 10:10am - 12:00pm 111 Milstein Center	Tiffany Hale	4.00	13/15

RELI GU4209 Religion, Politics and Culture in Contemporary Black America. 4.00 points.

This course examines the period commonly referred to as the "post-Civil Rights era"—that is, from the 1960s up through the current moment: a span of time also theorized through the related rhetorics of "postmodern," "postcolonial" and "post-Soul. We will explore the inter-workings of religion, politics and culture (as they converge and diverge) in contemporary black life. Attention will be given to formal religious traditions (i.e. Christianity, Islam, African-derived traditions), but also to a range of ideas about religion and/or spirituality as they are revealed in the artistic expression, politics and activism, and popular culture and media. Taking analytical cues from critical race theory, questions of agency, power and difference will be fore-grounded, as witnessed in how religious discourses and practices negotiate such categories as race, class, gender and sexuality. Ultimately, bringing together developments within the inter-disciplinary fields of black studies and the study of religion, ultimately this class will examine the ways in which various ideas about "religion" shape and circulate across various forms of black political organizing and cultural expression in our current moment. This seminar is open undergraduates and graduate students. While there are no require pre-requisites, students are expected have some prior background in religious studies and/or African American Studies

RELI GU4212 Modern Buddhism. 4 points.

What most Americans and Europeans call 'Buddhism' today is in fact a hybrid tradition dating back to the 19th century. It owes as much to European philosophy and esoteric thought as to Asian traditions themselves and appeared in the context of decolonization. This course will survey the history of this recent tradition, identifying cultural and political trends that contributed to its creation in various geographical areas. Readings include several primary texts by important proponents of Modern Buddhism. The texts should also be read in comparison with the appropriate scholarly works on the Asian traditions they supposedly draw on. One course on Buddhism or East Asian Religions is recommended, but not required, as background.

RELI GU4213 Islam and the Secular: Rethinking Concepts of Religion in North-Western Africa and the Middle East. 4.00 points.

The class offers a critical discussion of the conceptual apparatus of the anthropology of Islam and secularism and of the ways in which it shapes recent interventions in history and theory but also in Islamic studies with a particular focus on North-Western Africa and the Middle East. The questions that will be

examined during the class read as follows: 1. What is Islam: a religion or a cultural formation, a discursive tradition or a way of life? How is one to construct a definition of Islam beyond orientalist legacies? Can one define Islam anthropologically outside the tradition itself? 2. How did French and British Empires transform or destroyed Islamic institutions while governing Muslims in the Middle East and North-West Africa? Are these colonial technologies Christian or secular and is there a significant difference between Christian slavery and secular colonialism? To what extent is secularism reducible to an imperial ideology or to Christianity itself? 3. How did Muslims respond to the challenge of modernity and to European imperial hegemony? How can one think philosophically within the Islamic tradition after the hegemony of Europe and colonialism?

RELI GU4214 African and North African Philosophy: An Introduction. 3.00 points.

What is African philosophy? Is a theory African simply because it is rooted in the political present of the continent? Is it African because it corresponds to an African cultural singularity or simply because his authors and inventors come from or live in Africa? This class will examine a) how religious traditions shape African theory b) how the influence of colonial anthropology on concepts of African culture and tradition can be challenged c) how African theory relates to African politics of decolonization, in North and "sub-Saharan" Africa. The major dialectical problem we will examine during the class is the ongoing contradiction between claims of authenticity and demands of liberation, traditionalism and modernity, religion and secularism, culturalism and Marxism

RELI GU4215 Hinduism Here. 4 points.

Historical, theological, social and ritual dimensions of "lived Hinduism" in the greater New York area. Sites selected for in-depth study include worshipping communities, retreat centers, and national organizations with significant local influence. Significant fieldwork component

RELI GU4216 Religion and Capitalism: Faith and the American Market. 4.00 points.

Is the market a religious system? Can we consider "capitalism" to be a key arena in which the relationship between the religious and the secular is both negotiated and performed? In this course, students will explore the complicated relationship between faith and the market, the religious and the secular, and the evolution of vice and virtue as they relate to economic thriving in the United States. While no hard and fast rules for thinking about the relationship between right conduct and material interests cut across all religious and philosophical traditions, human agents invest real faith into currency, into markets, and into the reigning economic order to bring about increased opportunities, wealth, and freedom to people across the globe. Throughout this semester, we will chart both the long shadows and the future trajectories of these beliefs from our American perspective

Spring 2023: RELI GU4216

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4216	001/13068	T 2:10pm - 4:00pm 201 80 Claremont	Andrew Jungclaus	4.00	14/20

RELI GU4217 American Religions in extremis. 4.00 points.

This seminar focuses on historical, sociological, and first-hand accounts of a diverse set of American non-conformist religious and spiritual groups (including MOVE, the Branch Davidians at Waco, Father Divine's International Peace Mission, the Oneida Perfectionists, and Occupy and others). Diverse in their historical origins, their activities, and their ends, each of the groups sought or seeks to offer radically new ways of living, subverting American gender, sexuality, racial, or economic norms. The title of this seminar highlights the ways that these groups explain their reasons for existing (to themselves or others) not as a choice but as a response to a system or society out of whack, at odds with the plans of the divine, or at odds with nature and survival. Likewise, it considers the numerous ways that these same groups have often found themselves the targets of state surveillance and violence.

RELI GU4218 Heidegger and the Jews. 4 points.

The conundrum of Martin Heidegger and the Jews continues. The recent publications of Heidegger's *Black-Notebooks* reignited the debate over his ties to the National Socialist party and his personal anti-Semitism. These notebooks reveal that Heidegger establishes a *philosophical* case for his prejudices against Jews, one which arguably cuts to the very heart of his thinking. And yet, many of his closest and most brilliant students were Jewish, and it is becoming increasingly clear that his philosophy has left an indelible mark on twentieth century Jewish thought. This course is divided into two units: In the first unit we will become familiar with some central themes of Heidegger's thought and explore the question of the philosophical grounding of his political failing. In the second unit we will examine a variety of responses to Heidegger by Jewish thinkers who, in different ways and for different purposes, both profited greatly from his philosophical innovations and levelled profound criticism of his thought and actions. The animating question the course will attempt to answer is: Is it possible, as one student of Heidegger's had suggested, to think with and against Heidegger?

RELI GU4219 Colonialism and religion in South Asia. 4 points.

This course examines the conceptual trouble wrought by colonial rule in relation to boundaries, both of tradition and identity. We will begin by examining the category of 'religion' and how it emerged as an object of inquiry to understand and order life in the South Asian subcontinent. By exploring the wide-ranging effects of Orientalist knowledge production premised on secular historicity, this section of the course will help develop a shared set of concepts, which we will continuously encircle throughout. We will then question the role of this knowledge/power nexus in creating and reifying both notions of 'fluid' and 'communal' boundaries by studying

the internal coherence and colonial inflection of several religious traditions in the subcontinent (Hinduism, Sikhism, Islam, and Buddhism). In concluding, we will consider how colonialism shifted the parameters of selfhood, creating new grounds, as well as reifying old ones, from which subjects came to contest the parameters of a given tradition.

RELI GU4220 Political Theology. 4 points.

Prerequisites: Prior coursework in Religion, MESAAS, political theory, or related field is advised.

This reading-intensive course will engage the notion of "political theology," a phrase that emerges within the Western tradition (Varro, Augustine) and has become instrumental in thinking and institutionalizing the distinction between religion and politics over the course of the twentieth century. We will take as our point of departure the key texts that have revived this notion (Schmitt, Kantorowicz), and engage their interpretation of the Bible and of Augustine and medieval followers. We will then examine the role of Spinoza and Moses Mendelsohn, the extension of the notion of religion to "the East" (Said, Grosrichard, Asad), and conclude with some of the current debates over secularization in the colonizing and colonized world.

The main part of the course will be dedicated to the question of religion as it informs our thinking of disciplinary divisions. Is religion a sphere than can be isolated? How did it become so? What are the effects of this isolation?

RELI GU4222 Heidegger and Derrida. 4 points.

This seminar will explore the relationship between Heidegger and Derrida through a close reading of texts in which they consider common questions and issues. Works from both early and late Heidegger will be considered. An examination of Derrida's writings on Heidegger reveals how he simultaneously appropriates and criticizes Heidegger in developing his critique of the western philosophical and theological tradition. Special attention will be paid to their contrasting interpretations of time and their alternative accounts of the work of art. This course is a sequel to Hegel and Kierkegaard, though the previous course is not a prerequisite for this seminar.

RELI GU4223 Dreams. 4.00 points.

This seminar for advanced undergraduates and graduate students is an interdisciplinary investigation of how dreams are viewed and understood across a range of the historical, sociocultural, political, and scholarly environments in which they are experienced and interpreted. Eclectic in approach, we will focus on close readings of a selection of dream texts, beginning with Freud's "The Dream of Irma's Injection." We will aim to open out the text over several weeks. To facilitate this process, the syllabus will include an array of suggested readings linked to each week's focus of inquiry. Students are expected to make a selection from these readings (or other readings that you find relevant) in order to prepare your own close reading of the dream text to discuss in class. We will then turn to other dreamers who draw on different aspects of the Islamic tradition to understand their own dreams, with

supplementary readings drawn from history, anthropology, and religious studies to provide contexts for interpreting these dreams

Fall 2022: RELI GU4223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4223	001/12876	W 12:10pm - 2:00pm 101 80 Claremont	Katherine Ewing	4.00	11/20

RELI GU4224 Dialectics: Theology and Philosophy between Europe and Africa. 4 points.

What is dialectical reason? Is it still a mode of theological reasoning, as many critiques have argued, or a revolutionary form of secular critique? To what degree did it shape the language of revolutionary Marxism both in Europe and Africa, as the work of Fanon notably testifies? How does it still define the horizon of contemporary philosophy, French theory and postcolonial thinking? The class will address this question. Beginning with Hegel, it will trace the becoming of his legacy in Marx, Fanon, Sartre and contemporary issues in French theory and African philosophy.

RELI GU4227 Empire and Decolonization in North Africa: Race, Religion, Climate. 4.00 points.

The course examines crucial debates in colonial and decolonial studies from a North African point of view, with a particular focus on Algeria. What does it mean to rethink conceptually and globally about empire and decoloniality from the point of view of North Africa; a region which is often marginalized in both postcolonial and decolonial theory? The questions that will guide us throughout the class read as follows: 1) How is one to rethink the Maghreb without either reducing it to the history of French colonialism or downplaying the impact of colonialism on North Africa? How can binaries of direct rule and indirect rule, settler colonialism in Algeria and protectorates in Morocco and Tunisia be challenged in order to understand the postcolonial Maghreb as a unit? 2) Can one think about the historicity of the Maghreb without taking the destruction of Al-Andalus and its influence on the birth of race as a point of departure? Does the Christian racialization of Jews and Muslims through the notion of a purity of blood permeate the French colonization of the Maghreb? Is French colonialism in North Africa secular or Christian? How does secularity emerge in the midst of this history by reconfiguring the legacy of the Crusades? 3) How are Muslims and particularly Sufi orders involved in the practices of resistance against French colonial violence? How are traditional Islamic languages and practices of sainthood or the longing of the Mahdi redeployed in this situation? How do these practices and languages of resistance transform themselves with the construction of anticolonial nationalism? How can one rethink decolonization by analyzing how Algiers became the capital of Third World resistance at a global scale? 4) How do contemporary debates about Islam, tradition and modernity deploy themselves in the Maghreb and particularly in Morocco? How do these debates shape our understanding of decolonization?

RELI GU4228 South Asia and the Secular. 4 points.

This seminar explores different contestations and inflections of the secular in South Asia. We will begin by tracing a genealogy of the secular, which gave rise to a particular discursive grammar. Grounding ourselves in this formative space of the secular, we will study the constitutive nature of imperialism within the secular by examining the disciplining and conscripting role of Orientalism and the colonial state. Though noting these changes produced by colonial rule, this course also explores the arguments scholars of South Asia have made distinguishing between “secularisms” and the production of a tolerant and cosmopolitan South Asian orientation. In conjunction and against these possibilities, rather than consider the religious retrograde or communal, we will consider the continual striving toward political autonomy through disputation in the parameters of a given tradition—which resist incorporation into a broader pluralist or syncretic Indic model.

RELI GU4255 Hegel, Information, “Artificial” Intelligence. 4.00 points.

The development of high-speed computers, artificial neural networks, miniaturized sensors, mobile phones, and Big Data has created the conditions for the transformation of artificial intelligence. These changes are not only transforming the world but are also recasting long-standing distinctions like nature/culture, natural/artificial, body/mind, complexity/simplicity, and organism/machine that have shaped human thought and life for centuries. This refiguring of opposites as irreducibly interrelated was anticipated by Kant’s notion of self-organization and developed systematically by Hegel. This course will approach current forms of artificial intelligence through Kant’s interpretation of self-organization and Hegel’s dialectical logic and will reread Hegel’s system through “natural” and “artificial” neural networks, complex systems, and information theory. If nature and culture are inextricably interrelated, then is “artificial” intelligence really artificial, and is “nature” every merely natural? What are the implications of these developments for the understanding of human “nature” that has shaped the Anthropocene since the time of Galileo, Newton, and Descartes?

Spring 2023: RELI GU4255

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4255	001/16567	T 10:10am - 12:00pm 201 80 Claremont	Mark Taylor	4.00	12/20

RELI GU4304 Krishna. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Study of a single deity in the Hindu pantheon as illuminated in art, music, dance, drama, theological treatises, patterns of ritual, and texts both classic and modern. Special attention to Krishna's consort Radha, to Krishna's reception in the West, and to his portrayal on Indian television.

RELI GU4305 SECULAR # SPIRITUAL AMERICA. 4.00 points.

Prerequisites: Majors and concentrators receive first priority. Are Americans becoming more secular or more spiritual (not religious), or both? What are the connections between secularism and what is typically called non-organized religion or the spiritual in the United States? We will address these questions by looking at some of the historical trajectories that shape contemporary debates and designations (differences) between spiritual, secular and religious.

Fall 2022: RELI GU4305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4305	001/11637	T 4:10pm - 6:00pm 201 80 Claremont	Courtney Bender	4.00	7/15

RELI GU4307 BUDDHISM # DAOISM IN CHINA. 4.00 points.

Prerequisites: one course on Buddhism or Chinese religious traditions is recommended, but not required, as background. In recent decades, the study of the so-called “Buddho-Daoism” has become a burgeoning field that breaks down the traditional boundary lines drawn between the two Chinese religious traditions. In this course we will read secondary scholarship in English that probes the complex relationships between Buddhism and Daoism in the past two millennia. Students are required not only to be aware of the tensions and complementarity between them, but to be alert to the nature of claims to either religious purity or mixing and the ways those claims were put forward under specific religio-historical circumstances. The course is organized thematically rather than chronologically. We will address topics on terminology, doctrine, cosmology, eschatology, soteriology, exorcism, scriptural productions, ritual performance, miracle tales and visual representations that arose in the interactions of the two religions, with particular attention paid to critiquing terms such as “influence,” “encounter,” “dialogue,” “hybridity,” “syncretism,” and “repertoire.” The course is designed for both advanced undergraduate and graduate students in the fields of East Asian religion, literature, history, art history, sociology and anthropology. One course on Buddhism or Chinese religious traditions is recommended, but not required, as background

RELI GU4308 Jewish Philosophy and Kabbalah. 4 points.

The purpose of this seminar is to study the interactions between two major intellectual trends in Jewish History, the philosophical and the mystical ones. From the medieval period to the twenty-first century, we will discuss their interactions, polemics and influences. We will compare Philosophy and Kabbalah in light of their understanding of divine representation and in light of their respective Theology and conception of God.

RELI GU4311 Fanon: Religion, Race, Philosophy in Africa and beyond. 4 points.

This class will examine the work of Fanon through its sources, its context and its contemporary interpretations.

RELI GU4314 Bhakti Poets. 4.00 points.

Hindu poetry of radical religious participation—bhakti—in translation: poets of different regions, genders, and theological leanings. Knowledge of the original languages is not expected. Music, art, and performance play a role

RELI GU4315 Sufis and the Qur'an. 4 points.

This course is a seminar for advanced undergraduates and graduate students who wish to gain an understanding of the complexity and richness of the Sufi exegetical tradition. the Qur'an has been the main source of of inspiration and contemplation for Sufis for centuries....

RELI GU4317 Islam in Southeast Asia. 4.00 points.

Despite the fact that a fifth of the world's Muslim population lives in Southeast Asia, the region is often considered peripheral to or insignificant for the study of Islam more broadly. In this course, we will not only learn about Islamic thought and practice in the history and present of this important part of the Islamic world; we will also reflect on issues that, while grounded in the Southeast Asian context, illustrate a variety of key Islamic Studies issues. The first half of the course will provide a historical overview over the development of Islam in Southeast Asia while the second half will focus on contemporary issues. The Malay-Indonesian world, home to 90% of Southeast Asia's Muslims, will be our primary focus. Our approach will be interdisciplinary, incorporating anthropological, historical, and media studies approaches. Students in this class are expected to have some prior knowledge of Islam

RELI GU4318 INTERPRETING BUDDHIST YOGA. 4.00 points.

Students and scholars approaching a vast amount of primary and secondary literature, as well as accounts and anthropological and sociological studies of Buddhism as a lived religion, are faced with an array of stories, data, theories and practices, many of which appear to be inconsistent with others. We try to make sense of these by interpreting them. The art or science of interpretation – “hermeneutics” after Hermes – has a long history in Asia and in the West. Buddhism itself has a tradition of hermeneutics, as does each of the Western religious traditions and Western philosophy and law, starting with Plato and Aristotle, becoming “romantic” with Schleiermacher, and “modern” with Heidegger, Gadamer, and Ricoeur. Today's Western hermeneutics has become largely de-regionalized from specific subject areas, and has been extended to the interpretation of all human experience. After a grounding in traditional Buddhist and Western hermeneutic principles, we will focus on a number of aspects of Buddhism, including the central question of whether there is a “self” or not, and on esoteric Buddhist yoga, Tantra, central to several of the better-known forms of Buddhism today, including Tibetan Buddhism. Here we will witness the confluence and, sometimes, collision of traditional Buddhist and Tantric hermeneutics focusing in large part on “spiritual” concerns, and the Western tradition, with its emphasis on economics, power, and gender. In thinking about which interpretations are “right” -- indeed, whether any

interpretation can be “right,” and, if so, “how much?” -- we will consider the cultures in which these scriptures and practices originated, as well as ourselves and our own contemporary perspectives, insights, presuppositions and prejudices. A primary concern of hermeneutics is the interpretation of so-called “objective” physical and subjective mental realities. In thinking about the hermeneutics of outer and inner time and space, towards the end of the semester we will consider whether the “objective” and the “subjective” intersect, how much, and look at some descriptions of quantum mechanics and the role of observation of physical reality there, and analogize and contrast those to and with some Buddhist systems of philosophy and practice

Fall 2022: RELI GU4318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4318	001/13955	Th 4:10pm - 6:00pm 201 80 Claremont	David Kittay	4.00	13/18

RELI GU4322 EXPLORING THE SHARIA: ISLAMIC LAW. 4.00 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The platform of every modern “Islamist” political party calls for the implementation of “the shari‘a.” This term is invariably (and incorrectly) interpreted as an unchanging legal code dating back to 7th century Arabia. In reality, Islamic law is an organic and constantly evolving human project aimed at ascertaining God’s will in a given historical and cultural context. This course offers a detailed and nuanced look at the Islamic legal methodology and its evolution over the last 1400 years. The first part of the semester is dedicated to “classical” Islamic jurisprudence, concentrating on the manner in which jurists used the Qur’an, the Sunna (the model of the Prophet), and rationality to articulate a coherent legal system. The second part of the course focuses on those areas of the law that engender passionate debate and controversy in the contemporary world. Specifically, we examine the discourse surrounding Islamic family (medical ethics, marriage, divorce, women’s rights) and criminal (capital punishment, apostasy, suicide/martyrdom) law. The course ends by discussing the legal implications of Muslims living as minorities in non-Islamic countries and the effects of modernity on the foundations of Islamic jurisprudence. This class is designed for students interested in a close examination of the Islamic legal system; it is not a broad introduction to the Islamic religion. The format of the class will vary from topic to topic but students should anticipate *extensive* participation through in-class debates

Spring 2023: RELI GU4322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4322	001/00196	T 2:10pm - 4:00pm 225 Milbank Hall	Najam Haider	4.00	16/15

RELI GU4324 American Scriptures. 4.00 points.

What is scripture? How is cannon created? How do particular communities find meaning in varying works of literature? In this seminar, we will explore a number of influential American texts not simply in order to understand how they address

questions of the holy and divine presence but also for how they provide creative ways of considering questions that have dogged Americans for centuries. In so doing, we will place literary works in conversation with contemporary theological trends and present-day scholarship on these connections. The course’s main thematic focus will be on government and collective rights; racial difference and questions of theodicy; children’s literature and disciplinary formation; the American libertarian streak; how best to care for the self; and humanity’s connection to nature. Students will examine a variety of texts – from the Declaration of Independence to Carl Sagan and Moby Dick – to better understand what matters to Americans and what do the literary artifacts we leave behind say about our current civilizational moment. This course will have succeeded in its goals if by its end your operative definition of religion has been significantly jumbled, challenged, and complicated. While many of our historical actors will use the term in different ways, this course is invested not in identifying what is or is not properly “religious,” but rather in examining how ideas operate in the world for the people to whom they’re important. To a certain extent, we must take seriously the claims made by religious actors of God acting in their lives. But in terms of analysis, religion for us will be a fluid concept, one that evades simple definition, and that is always “real” in terms of its effects on belief, action, and identity

RELI GU4325 Sufism. 4 points.

Prerequisites: Permission of instructor.

This is a seminar for advanced undergraduate and graduate students who wish to gain an understanding of the richness of Sufism (Islamic mysticism). We will examine the historical origins, development and institutionalization of Sufism, including long-standing debates over its place within the wider Islamic tradition. By way of a close reading of a wide range of primary and secondary sources, we will examine Sufi attitudes toward the body, Sufi understandings of lineage, power and religious authority, as well as the continued importance of Sufism in the modern world

RELI GU4326 SUFISM IN SOUTH ASIA. 4.00 points.

Sufism or tassawuf has misleadingly been described as the mystical side of Islam, implying that it is somehow detached from the material world. Throughout the history of Islam, Sufi ideas, practices, and institutions have borne a complex, intimate, and sometimes fraught relationship with other aspects of Islamic tradition and practice, a relationship that has also been profoundly impacted by Orientalist scholarship in the colonial period and by global reformist currents in the postcolonial period. This seminar for advanced undergraduates and graduate students is an interdisciplinary investigation of how Sufism has been affected by the historical, sociocultural, political, and everyday environments in which it is experienced and practiced, with a particular focus on South Asia. Eclectic in approach, we will begin by considering how Sufism has been construed and even constructed by scholars, considering how modern notions of the self, religion, and the political have shaped scholarly understandings of what Sufism is. Focusing

on bodily practices and well known individual Sufis who lived in South Asia during different historical periods, we will use them as a vehicle for understanding Sufi experience within the context of the evolving Sufi orders within specific local spaces. We will consider why Sufism has become such a target of controversy and ambivalence among Muslims in the modern world and trace some of the changing controversies and tensions that Sufis have struggled with over time, focusing on their understandings of self, society and reality

Spring 2023: RELI GU4326

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4326	001/13069	W 12:10pm - 2:00pm 477 Alfred Lerner Hall	Quinn Clark	4.00	6/15

RELI GU4355 AFR AM PROPHETIC POL TRADITION. 4.00 points.

Through a wide range of readings and classroom discussions, this course will introduce students to the crucial role that the unique African-American appropriation of the Judeo-Christian prophetic biblical tradition has played -- and continues to play -- in the lives of black people in America

RELI GU4365 Revolutionary Women and Political Islam. 4 points.

Muslim female reformers and revolutionaries were at the forefront of many of the 20th and early 21st centuries' historic socio-political and religious movements across the Global South. Members of diverse classes, families, and ethnic communities, many worked within the tenets of Islam in multiple ways to construct religious identity and work towards achieving and demanding civil and political rights. Yet the myriad theoretical and popular discourses underpinning emergent and longstanding women's movements within revolutionary contexts are frequently overlooked. Moreover, representations of Muslim women too often rely on essentialist, ahistorical, static, victim-centered, and Orientalist descriptions and analyses. As a result, shades of difference in interpretation, ideology, practice, and culture are minimized. This course situates Muslim women as complex, multidimensional actors engaged in knowledge production and political and feminist struggles. We will read key texts and analyses from scholars and activists writing on religion, gender, sexuality, family planning, and women's status in the contemporary Global South. The following questions will emerge in our discussions: "When is a hejab just a hejab?," "Do Muslim Women Really Need Saving?," and "What is an 'Islamic Feminist' and Should We Care?" Readings include memoirs, editorials, ethnographies, and political treatises, as well as historical scholarship from North Africa, the Gulf, the Levant, and Southeast Asia.

RELI GU4407 Living Together: North American (Religious) Experiments. 3.00 points.

The purpose of this seminar is to study historical communal religious experiments in the United States. It will engage with the questions of religious counter-cultures, and in particular the

ways that communal religious groups challenge mainstream economic, political, gender, racial, and sexual norms through fashioning alternative modes of living together. The seminar will concentrate on study and analysis of texts, practices, and materials from two religious groups, the Shakers and Father Divine's International Peace Mission. The questions raised in considering these two historical groups will be refocused in a final unit that compares these communities to the comparatively short lived and "secular" Occupy movement, and brings the issues and challenges of alternative forms of living into the present moment

RELI GU4411 RELIGION, MIND#SCIENCE FICTION. 4.00 points.

While not yet fully recognized as a literary or philosophical genre, science fiction, through the "dislocation" it operates, raises (or amplifies) questions that have long been the preserve of religion, metaphysics, or philosophy, and it has brought some of these questions into the realm of popular culture. Science fiction is often perceived as hostile to religion, yet it often blurs the boundaries between science and religion. Recent SF, unlike the traditional "space opera," revolves around the relations between the human mind and Artificial Intelligence — a challenge that our fast-evolving technoscientific society is confronting with a new sense of urgency. This course examines overlapping issues and questions shared by religion and SF

RELI GU4412 RECOVERING PLACE. 4.00 points.

RELI GU4416 Empire and Secularization in Africa: Reform, Mission, Islam. 4 points.

This course examines how Empires paved the way to a new form of domination in Africa. Secularizing processes will be analyzed in relation to imperial histories in Africa. From the Expedition in Egypt to the Berlin Conference, Empires in Africa were both secular and religious. We will examine the multiple ways in which Empires colonized Africa by encountering, regulating or transforming African religious traditions. The class will compare historical geographies of "North Western" and "North Eastern" Africa by focusing on the Maghreb and West Africa but also on Egypt and Sudan. We will examine the relations of Empires with Islam and Christian missions in Africa. We will also examine how African uprisings challenge and challenged Imperial and State powers both before and during the Panafrikan movement. We will eventually look at both Imperial and Anti-Imperial legacies in Africa today.

RELI GU4417 Recovering Place. 4.00 points.

During the late 20th and early 21st centuries, the intersection of multiple disruptions has led to the loss of a sense of place. This has resulted in pervasive alienation and disorientation, which has led to a desire a growing desire to recover place. This course will examine the interplay between Displacement (Migration, Virtualization, Surveillance, Climate, Globalization) and Replacement (City, Rivers, Forests, Country). Special attention will be given to Displacement and Replacement in New York City. Students will have the

opportunity to write a term paper or to create a project in an alternative medium

RELI GU4418 On African Theory: Religion, Philosophy, Anthropology. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

What is African Theory? Is a theory African simply because it is rooted in the political present of the continent? Is it African because it corresponds to an African cultural singularity or simply because its authors and inventors come from or live in Africa? This class will examine some central aspects of both African and African philosophy. We will study a) how religious traditions shape African theory b) how the influence of colonial anthropology on concepts of African culture and tradition can be challenged c) how African theory relates to African politics of decolonization, in North and "sub-Saharan" Africa. The major dialectical problem we will examine during the class is the ongoing contradiction between claims of authenticity and demands of liberation, traditionalism and modernism, religion and secularism, culturalism and Marxism.

RELI GU4420 RELIGIOUS WORLDS OF NEW YORK. 4.00 points.

RELI GU4509 CRIME/PUNISHMENT-JEWISH CULTURE. 4.00 points.

Jews have stood on every imaginable side of criminal justice: accuser and accused; prosecutor, defendant, and defender; judge and judged; spectator; storyteller; journalist; critic; advocate. How did Jews approach these various roles, and what notions of crime, criminality, punishment, and justice did they bring with them? This course crosses chronological eras, geographical regions, and academic disciplines to explore configurations of crime and punishment in Jewish cultures. It strives to achieve a balance in its coverage of Ashkenaz vs. Sefarad; ancient, late ancient, medieval, modern, and contemporary Judaism; the specific and historical vs. the philosophical and theoretical; and varieties of sex, race, and gender. The role of classical Jewish texts, theology, and community in shaping Jewish approaches to criminal justice will all be considered

RELI GU4513 BUDDHISM AND NEUROSCIENCE. 4.00 points.

With the Dalai Lamas marked interest in recent advances in neuroscience, the question of the compatibility between Buddhist psychology and neuroscience has been raised in a number of conferences and studies. This course will examine the state of the question, look at claims made on both sides, and discuss whether or not there is a convergence between Buddhist discourse about the mind and scientific discourse about the brain

Spring 2023: RELI GU4513

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4513	001/19465	T 2:10pm - 4:00pm 101 80 Claremont	Bernard Faure	4.00	15/25

RELI GU4514 Defining Marriage. 4 points.

This seminar examines the changing purpose and meaning of marriage in the history of the United States from European colonization through contemporary debates over gay marriage. Topics include religious views of marriage, interracial marriage, and the political uses of the institution.

RELI GU4515 Reincarnation and Technology. 4 points.

A seminar exploring reincarnation, resurrection, and their contemporary cyber-relatives, uploading and simulation.

We'll explore Abrahamic, Amerind, Chinese, Greek, and Indian accounts, the Tibetan Buddhist reincarnation tradition and methodology in detail, and contemporary research on reincarnation, near-death, and out-of-body experiences. We will then turn to contemporary developments in science, religion, and philosophy concerning uploading consciousness to computer media and the probability that we are living a simulation. We will investigate whether religious traditions are consistent with or expressive of simulated reality, and the application of karma to all of the above.

RELI GU4516 The Politics of Freud in the Postcolony. 4 points.

This seminar examines the legacies of psychoanalysis through a critical exploration of how its concepts, practices and institutes have operated in colonial and postcolonial contexts. Weekly discussions will look at how practicing therapists, activists, anthropologists and others have extended, subverted and displaced psychoanalytic thought within non-European histories and imaginaries. Topics include challenges to the universality of the Oedipus emerging from early 20th century anthropologist's studies of kinship in Papua New Guinea, legacies of a self-made South Asian psychoanalyst's challenges to Freudian orthodoxies, and the study of a psychoanalysis of racism forged out of a Martinican psychiatrist's encounters with colonial neuroses in Algeria. We will also explore how psychoanalytic concepts have been deployed in debates about repression and sexuality in daily life during the Cultural Revolution and the psychic legacies of Maoism in contemporary China. In addition to reading the work of Freud and his critics, we will encounter primary materials—religious texts, movies, novels—that have been subjected to psychoanalytically-inflected interpretations. While attending to the cultural, racial and political assumptions suffusing psychoanalysis, our seminar will also show how variously situated authors have given this tradition new applications and meanings.

RELI GU4517 After the Human. 4.00 points.

The advent of high-speed computing, Big Data, new forms of Artificial Intelligence, and global networking is rapidly transforming all aspects of life. Implants, transplants, genetic engineering, cloning, nanotechnology, cyborgs, hybrids, prostheses, mobile phones, tracking devices and wearable devices. The Internet of Things and the Internet of Bodies are becoming interconnected to transform what once was known as human being. These developments raise fundamental

questions about what comes after the human. This course considers the philosophical and theological implications of this question by addressing the following issues: Natural vs. Artificial, Treatment vs. Enhancement, the Artificial Intelligence Revolution, Ubiquitous Computing, the Internet of Things, the Singularity, Extended Mind and Superintelligence, Internet of Bodies and Superorganisms, Death and After Life. Students will have the option of writing a term paper or doing a project related to the course readings

Fall 2022: RELI GU4517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4517	001/11638	W 10:10am - 12:00pm 201 80 Claremont	Mark Taylor	4.00	12/20

RELI GU4519 Gender, Islam and Society in North Africa. 4.00 points.

This course provides a range of perspectives for the study of gender and Islam in North Africa, foregrounding the entangled genealogies of religious, political and feminist thought across the region. Through lectures, readings, documentaries, and class discussions, students will be introduced to important conceptual and empirical frameworks related to the construction of religion and gender in the region. A significant part of this course will explore gendered experiences within sacred texts, rituals, political praxis and social expression. The course will also explore the different women's rights movements, with particular focus on the emergence of female Muslim activism. We will examine how feminism is shaped and/or challenged by the encounter with Islam, and look at the strategies and activism(s) of Muslim feminists and how they contribute to the development of civil society, social justice and feminist re-interpretation of religious texts. Students will be encouraged to think broadly across social, political and embodied ideas of gender and Islam, and therefore develop new avenues for capturing and interpreting the complexities of gender and religious subjectivity

RELI GU4524 UNCONSCIOUS AND JEWISH THOUGHT. 4.00 points.

This survey aims to reflect on the specific dialogue between faith and theories of the mind. After an overview of pre-Freudian notions of the unconscious, the course will examine Freud's 1896 Theory of the unconscious mind and the key analytical concepts which display similarities between psychoanalysis and Jewish thought, from Talmudic hermeneutics to Kabbalah studies. We will explore the unconscious through readings from Leibnitz, Schelling, Goethe, von Hartmann, Freud, Jung, as well as its preludes and echoes in the Talmud and in the writings of Azriel of Gerona, the Magid of Mezrich, Krochmal, Leiner, Lou Andreas Salome, Scholem, Idel, Wolfson

RELI GU4526 Food and Sex in Premodern Chinese Buddhism. 4 points.

This course is an upper-level seminar on appetite and its management, designed for advanced undergraduates and graduate students. Our focus will be on the appetites of food

hunger and sexual desire, and how Chinese Buddhist teachings propose to manage these. Food and sex are separate domains of experience, but as the primary objects of bodily appetites, they are analogous. Eating and sex both involve a direct and substantive interaction with the material world that is driven by powerful desires. In Buddhist teachings, these desires are said to bind us to the cycle of rebirth (*saṃsāra*) and to shape the actions (karma), both mental and corporeal, that constitute our moral engagement with the phenomenal world. Hence it is important to know how a Buddhist on the path out of suffering is to manage these activities. What do monastic codes stipulate? What disciplines did lay Buddhists undertake? How are transgressions identified and handled? How do ancient Chinese and Daoist ideas inform the development of Chinese Buddhist attitudes toward sex and diet? How did Chinese Buddhist monastics come to adopt a meatless diet? How do religions use food and sex as tools for determining one's ritual purity (i.e., moral worth)? We will explore these and related topics. Despite the common perception of Buddhism as a world-denying religion focused on transcending bodily needs, Chinese Buddhists (and their Indian or Central Asian counterparts) engaged in numerous body practices with worldly benefit, while at the same time mitigating the dangers of desire through various doctrinal and practical means. This course is an exploration of those means.

RELI GU4528 Religion and the Sexed Body. 4.00 points.

This seminar will examine how bodily practices associated with gender and sexualities are cultivated, regulated, and articulated within various religious traditions and how these practices have been influenced by global processes, including colonialism, the accelerating movement of people and technologies, and modern secularism and identity politics. Throughout the course we will tack back and forth between theoretical works and ethnographic/historical writing, in order to articulate what is probably the most difficult aspect of original research: how to bring together “high theory” and primary sources ranging from field research to data drawn from a variety of media

RELI GU4535 BUDDHIST CONTEMPLATIVE SCIENCES. 4.00 points.

Buddhist arts and sciences traditionally are divided into the interconnected disciplines of ethics (*śīla*), wisdom/philosophy (*prajñā*), and “meditation” or experiential cultivation (*samādhi/bhavaṇa*). This seminar course introduces the latter discipline, thus complementing and completing Prof. Yarnall's Columbia seminars on Buddhist Ethics (RELI UN3500) and Indo-Tibetan Buddhist Philosophy (RELI GU4630), either of which—in addition to his introductory lecture course on Indo-Tibetan Buddhism (RELI UN2205)—are encouraged as prerequisites. This course will provide a detailed presentation of key Buddhist contemplative sciences, including: stabilizing meditation (*śamatha*); analytic insight meditation (*vipaśyanā*); cultivation of the four immeasurables, and form and formless trances; mind cultivation (*lojong*); mindfulness meditation; Zen meditation; great perfection (*dzogchen*); and the subtle body-mind states activated and transformed through advanced tantric yoga

techniques. These arts and sciences will be explored both within their traditional interdisciplinary frameworks, as well as in dialog with related contemporary disciplines, including: cognitive sciences, neuroscience, psychology, psychiatry, philosophy, epistemology, and so forth. To be conducted in a mixed lecture/seminar format (active, prepared participation required)

RELI GU4562 Wittgenstein and Religion. 4 points.

Ludwig Wittgenstein is one of the most important philosophers of the twentieth century, and probably one of the most widely read by non-philosophers. His influence on a number of intellectual disciplines (philosophy, politics, theology, social science, history, etc.) has been considerable. This course will focus on Wittgenstein's own writings and their reception, with a focus on the study of religion and anthropology.

RELI GU4565 Women and Islam. 4.00 points.

This course is a comprehensive engagement with Islamic perspectives on women with a specific focus on the debates about woman's role and status in Muslim societies. Students will learn how historical, religious, socio-economic and political factors influence the lives and experiences of Muslim women. A variety of source materials (the foundational texts of Islam, historical and ethnographic accounts, women's and gender studies scholarship) will serve as the framework for lectures. Students will be introduced to women's religious lives and a variety of women's issues as they are reported and represented in the works written by women themselves and scholars chronicling women's religious experiences. We will begin with an overview of the history and context of the emergence of Islam from a gendered perspective. We will explore differing interpretations of the core Islamic texts concerning women, and the relationship between men and women: who speaks about and for women in Islam? In the second part of the course we will discuss women's religious experiences in different parts of the Muslim world. Students will examine the interrelationship between women and religion with special emphasis on the ways in which the practices of religion in women's daily lives impact contemporary societies. All readings will be in English. Prior course work in Islam or women's studies is recommended, but not required

Spring 2023: RELI GU4565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4565	001/17214	M 2:10pm - 4:00pm 201 80 Claremont	Aziza Shanazarova	4.00	17/20

RELI GU4611 The Lotus Sutra in East Asian Buddhism. 4 points.

Prerequisites: open to students who have taken one previous course in either Buddhism, Chinese religions, or a history course on China or East Asian.

The course examines some central Mahayana Buddhist beliefs and practices through an in-depth study of the Lotus sutra. Schools (Tiantai/Tendai, Nichiren) and cultic practices such as sutra-chanting, meditation, confessional rites, and Guanyin

worship based on the scripture. East Asian art and literature inspired by it.

RELI GU4613 Silence. 4 points.

We live in a world of noise where incessant buzz and endless chatter are used as strategies of distraction deployed for political and economic purposes. Increasingly invasive technologies leave little time for quiet reflection and thoughtful deliberation. As the volume rises, silence becomes either a tactic for repression or a means of resistance.

This course will consider the question of silence from the perspectives of theology, philosophy, literature, politics, and art. Special attention will be paid to the role silence plays in different religious traditions. An effort will be made to create a dialogue among philosophical, theological literary, artistic, and film treatments of silence.

Questions to be considered include: How does the importance of silence change with time and place? What are the theological and metaphysical presuppositions of different interpretations of silence? What is the relation of changing technologies to the cultivation of, or resistance to silence? What are the psychological dimensions of different kinds of silence? What is the pedagogical value of silence? How can silence be expressed in music, the visual arts, and architecture? How does the importance of silence change in different social, political, and economic circumstances? Do we need more or less silence today?

RELI GU4615 Media and Religion. 4 points.

Typewriters, trains, electricity, telephones, telegraph, stock tickers, plate glass, shop windows, radio, television, computers, Internet, World Wide Web, cell phones, tablets, search engines, big data, social networks, GPS, virtual reality, Google glass. The technologies turn back on their creators to transform them into their own image. This course will consider the relationship between mechanical, electronic, and digital technologies and different forms of twentieth-century capitalism. The regimes of industrial, consumer, and financial shape the conditions of cultural production and reproduction in different ways. The exploration of different theoretical perspectives will provide alternative interpretations of the interplay of media, technology, and religion that make it possible to chart the trajectory from modernity to postmodernity and beyond.

RELI GU4616 TECHNOLOGY,RELIGION,FUTURE. 4.00 points.

This seminar will examine the history of the impact of technology and media on religion and vice versa before bringing into focus the main event: religion today and in the future. We'll read the classics as well as review current writing, video and other media, bringing thinkers such as Eliade, McLuhan, Mumford and Weber into dialogue with the current writing of Kurzweil, Lanier and Taylor, and look at, among other things: ethics in a Virtual World; the relationship between Burning Man, a potential new religion, and technology; the relevance of God and The Rapture in

Kurzweils Singularity; and what will become of karma when carbon-based persons merge with silicon-based entities and other advanced technologies

Spring 2023: RELI GU4616

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4616	001/13075	Th 4:10pm - 6:40pm 201 80 Claremont	David Kittay	4.00	28/25

RELI GU4617 Image Theories in Chinese Religions. 4 points.

What does “image” mean in Chinese intellectual traditions? How did proponents of different religious persuasions construe the relationship between images and their referents differently and how did such construal change over time? Why did the practice of fashioning images often give rise to controversies in Chinese history? What makes images the object of adoration as well as destruction? Throughout the course, we will tackle these questions from diverse perspectives. The first half of the course examines a variety of accounts from Chinese indigenous classics and treatises. The second half looks at how discourses of the image further diversified after the arrival of Buddhism in China.

RELI GU4619 Islam in Popular Culture. 4.00 points.

This course interrogates seminal issues in the academic study of Islam through its popular representation in various forms of media from movies and television to novels and comic books. The class is structured around key theoretical readings from a range of academic disciplines ranging from art history and anthropology to comparative literature and religion. The course begins by placing the controversies surrounding the visual depiction of Muhammad in historical perspective (Gruber). This is followed by an examination of modern portrayals of Muslims in film that highlights both the vilification of the “other” (Shaheen) and the persistence of colonial discourses centered on the “native informant” (Mamdani). Particular emphasis is given to recent pop cultural works that challenge these simplistic discourses of Islam. The second half of the course revisits Muhammad, employing an anthropological framework (Asad) to understand the controversies surrounding Salman Rushdie’s *Satanic Verses*. The obsession with a gendered depiction of Islam is then examined through an anthropological framework that sheds light on the problems of salvation narratives (Abu Lughod). The course ends with a look at the unique history of Islam in America, particularly the tension between immigrant and African-American communities

Fall 2022: RELI GU4619

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4619	001/00286	T 4:10pm - 6:00pm 214 Milbank Hall	Najam Haider	4.00	10/12

RELI GU4620 RELIGIOUS WORLDS OF NEW YORK. 4.00 points.

RELI GU4626 READING (IN THEORY). 3.00 points.

This reading-intensive course will engage, over time with essential texts of the current critical canon. Offered over a

series of semesters, it is aimed at developing a practice of reading: close or distant, and always attentive. Let us say: slow reading. What does it mean to read? Where and when does reading start? Where does it founder? What does reading this author (Freud, for example) or that author (say, Foucault) do to the practice of reading? Can we read without misreading? Can we read for content or information without missing the essential? Is there such a thing as essential reading? Favoring a demanding and strenuous exposure to the text at hand, this course promises just that: a demanding and strenuous exposure to reading. The course can be repeated for credit

RELI GU4630 INDO-TIBETAN BUDDHIST PHILOSOPHY. 4.00 points.

Examination of topics in the religious philosophy of Tibet

Spring 2023: RELI GU4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4630	001/13076	Th 12:10pm - 2:00pm 201 80 Claremont	Thomas Yarnall	4.00	11/20

RELI GU4637 TALMUDIC NARRATIVE. 4.00 points.

This course examines the rich world of Talmudic narrative and the way it mediates between conflicting perspectives on a range of topics: life and death; love and sexuality; beauty and superficiality; politics and legal theory; religion and society; community and non-conformity; decision-making and the nature of certainty. While we examine each text closely, we will consider different scholars’ answers – and our own answers – to the questions, how are we to view Talmudic narrative generally, both as literature and as cultural artifact?

RELI GU4807 DIVINE HUMAN ANIMAL. 4.00 points.

This course focuses on thinking with animals (Levi-Strauss) through the lens of the religious imagination. The concentration will be primarily on Western religious cultures, especially Judaism and the question of Jewishness

RELI GU4998 RELIGION AND THE INDIAN WARS. 4.00 points.

The frontier is central to the United States’ conception of its history and place in the world. It is an abstract concept that reflects the American mythology of progress and is rooted in religious ideas about land, labor, and ownership. Throughout the nineteenth century, these ideas became more than just abstractions. They were tested, hardened, and revised by U.S. officials and the soldiers they commanded on American battlefields. This violence took the form of the Civil War as well as the series of U.S. military encounters with Native Americans known as the Indian Wars. These separate yet overlapping campaigns have had profound and lasting consequences for the North American landscape and its peoples. This course explores the relationship between religious ideology and violence in the last half of nineteenth century. Organized chronologically and geographically, we will engage with both primary sources and classic works in the historiography of the Indian Wars to examine how religion

shaped U.S. policy and race relations from the start of the Civil War through approximately 1910

Spring 2023: RELI GU4998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4998	001/00197	W 12:10pm - 2:00pm 214 Milbank Hall	Tiffany Hale	4.00	3/15

RELI GU4999 GLOBAL INDIGENOUS RELIGIOUS HISTORIES. 4.00 points.

Nomads, natives, peasants, hill people, aboriginals, hunter-gatherers, First Nations—these are just a handful of the terms in use to define indigenous peoples globally. The names these groups use to describe themselves, as well as the varying religious practices, attitudes, and beliefs among these populations are far more numerous and complex. For much of recorded history however, colonial centers of power have defined indigenous peoples racially and often in terms of lacking religion; as pagan, barbarian, non-modern, and without history or civilization. Despite this conundrum of identity and classification, indigenous religious traditions often have well-documented and observable pasts. This course considers the challenges associated with studying indigenous religious history, as well as the changing social, political, and legal dimensions of religious practice among native groups over time and in relationship to the state. Organized thematically and geographically, we will engage with classic works of ethnohistory, environmental history, indigenous studies, anthropology, and religious studies as well as primary sources that include legal documentation, military records, personal testimony, and oral narrative

Spring 2023: RELI GU4999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4999	001/00198	F 12:10pm - 2:00pm 214 Milbank Hall	Tiffany Hale	4.00	15/15

SLAVIC LANGUAGES

Departmental Office: 708 Hamilton; 212-854-3941

<http://www.columbia.edu/cu/slavic/>

Director of Undergraduate Studies:

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Russian Language Program Director:

Prof. Alla Smyslova, 708 Hamilton; 212-854-8155;
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The Department of Slavic Languages and Literatures is devoted to the study of the cultures, literatures, and languages of Russia and other Slavic peoples and lands. We approach our study and teaching of these cultures with an eye to their specificity and attention to their interaction with other cultures, in history and in the contemporary global context. We focus not only on the rich literary tradition, but also on the film, theater,

politics, art, music, media, religious thought, critical theory, and intellectual history of Russians and other Slavs. Our approach is interdisciplinary.

Students who take our courses have different interests. Many of our courses are taught in English with readings in English and have no prerequisites. As a consequence, our majors and concentrators are joined by students from other literature departments, by students of history and political science who have a particular interest in the Slavic region, and by others who are drawn to the subject matter for a variety of intellectual and practical reasons.

We provide instruction in Russian at all levels (beginning through very advanced), with a special course for heritage speakers. To improve the proficiency of Russian learners and speakers, we offer a number of literature and culture courses in which texts are read in the original and discussion is conducted in Russian. We offer three levels of other Slavic languages: Bosnian-Croatian-Serbian, Czech, Polish, and Ukrainian (with additional courses in culture in English). All language courses in the Slavic Department develop the four basic language skills (speaking, listening, reading, and writing) and cultural understanding.

Our department prides itself on the intellectual vitality of its program and on the sense of community among students and faculty. As they explore Russian and Slavic languages, literatures, and cultures, students develop not only their specific knowledge and cultural understanding, but also the capacity for critical thought, skills in analyzing literary and other texts, and the ability to express their ideas orally and in writing. Our graduates have used their knowledge and skills in different ways: graduate school, Fulbright and other fellowships, journalism, publishing, law school, NGO work, public health, government work, and politics. Our faculty is proud of its students and graduates.

MAJORS AND CONCENTRATIONS

Guided by the director of undergraduate studies and other faculty members, students majoring in Slavic create a program that suits their intellectual interests and academic goals. They choose from three tracks: Russian Language and Culture (for those with a strong interest in mastering the language), Russian Literature and Culture (for those who want to focus on literary and cultural studies), and Slavic Studies (a flexible regional studies major for those interested in one or more Slavic cultures). In each major, students may count related courses in other departments among their electives.

In addition to its majors, the department offers five concentrations. Three are analogous to the major tracks (Russian Language and Culture, Russian Literature and Culture, and Slavic Studies). There is also a concentration in Russian Literature that does not require language study and another concentration in Slavic Cultures that allows students to focus on a Slavic language and culture other than Russian.

Motivated seniors are encouraged but not required to write a senior thesis. Those who write a thesis enroll in the Senior Seminar in the fall term and work individually with a thesis adviser. Students have written on a wide range of topics in literature, culture, media, and politics.

SLAVIC CULTURE AT COLUMBIA OUTSIDE OF THE CLASSROOM

All interested students are welcome to take part in departmental activities, such as conversation hours, Slavic student organizations, the department's various film series (Russian, East Central European, Central Asian, and Ukrainian), and the country's first undergraduate journal of Eastern European and Eurasian Culture, *The Birch*. The Slavic Department has close ties to the Harriman Institute and the East Central European Center, which sponsor lectures, symposia, performances, and conferences.

STUDY AND RESEARCH ABROAD

The department encourages its students to enrich their cultural knowledge and develop their language skills by spending a semester or summer studying in Russia, the Czech Republic, Poland, Ukraine, or the countries of the former Yugoslavia. The department helps students find the program that suits their needs and interests. Undergraduates may apply to the Harriman Institute for modest scholarships for research during winter/spring breaks or the summer.

ADVANCED/NEWL PLACEMENT

A score of 5 on the AP/NEWL Russian exam satisfies the foreign language requirement. Upon successful completion of a 3-point 3000 level (or higher) course at Columbia, the Department of Slavic Languages will award 3 points of AP credit, provided the grade in the course is a B or better. Courses taught in English may not be used to earn AP credit. No credit or placement is given for the SAT II Subject test. If you wish to continue with Russian at Columbia, you should take the departmental placement test and speak with the Russian program director prior to registration to ensure proper placement.

PROFESSORS

Valentina Izmirlieva
Liza Knapp (Chair)
Mark Lipovetsky (Leiderman)
Irina Reyfman

ASSISTANT PROFESSORS

Ofer Dynes
Adam Leeds
Jessica Merrill

TERM ASSISTANT PROFESSORS

Erica Drennan (Barnard)

SENIOR LECTURERS

Christopher Harwood
Yuri Shevchuk
Alla Smyslova

LECTURERS

Aleksandar Boskovic
Christopher Caes
Tatiana Mikhailova

ON LEAVE

Adam Leeds (Fall 2022, Spring 2023)

GUIDELINES FOR ALL SLAVIC MAJORS AND CONCENTRATORS

Senior Thesis

A senior thesis is not required for any Slavic major. Students who wish to undertake a thesis project should confer with the director of undergraduate studies during the registration period in April of their junior year and register to take RUSS UN3595 SENIOR SEMINAR in the fall term of their senior year. Students can opt to expand the thesis into a two-semester project register for RUSS UN3998 SUPERVISED INDIVIDUAL RESEARCH, with their thesis adviser, in the spring term of their senior year. *Senior Seminar* may satisfy one elective requirement; the optional second semester of thesis work adds one course to the 15 required for the major.

Grading

Courses in which a grade of D has been received do not count toward major or concentration requirements.

MAJOR IN RUSSIAN LANGUAGE AND CULTURE

This major is intended for students who aim to attain maximal proficiency in the Russian language. Intensive language training is complemented by an array of elective courses in Russian culture that allow students to achieve critical understanding of contemporary Russian society and of Russian-speaking communities around the world. Since this major emphasizes language acquisition, it is not appropriate for native Russian speakers.

The program of study consists of 15 courses, distributed as follows:

Eight semesters of coursework in Russian language (from first- through fourth-year Russian) or the equivalent

Select two of the following surveys; at least one of these should be a Russian literature survey (RUSS UN3220 or RUSS UN3221):

RUSS UN3220	LITERATURE # EMPIRE (19C LIT)
RUSS UN3221	LIT # REVOLUTION (20TH C LIT)
RUSS UN3223	Magical Mystery Tour: The Legacy of Old Rus'
SLCL UN3001	SLAVIC CULTURES
RUSS GU4006	Russian Religious Thought, Praxis, and Literature
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
RUSS GU4107	RUSS LIT/CULTR-NEW MILLENNIUM

Five additional courses in Russian culture, history, literature, art, film, music, or in linguistics, chosen in consultation with the director of undergraduate studies. At least one of the selected courses should be taught in Russian

MAJOR IN RUSSIAN LITERATURE AND CULTURE

The goal of this major is to make students conversant with a variety of Russian literary, historical and theoretical texts in the original, and to facilitate a critical understanding of Russian literature, culture, and society. It is addressed to students who would like to complement serious literary studies with intensive language training, and is especially suitable for those who intend to pursue an academic career in the Slavic field.

The program of study consists of 15 courses, distributed as follows:

Six semesters of coursework in Russian language (from first- through third-year Russian) or the equivalent.

Select three of the following surveys; two of which must be in Russian literature (RUSS UN3220 and RUSS UN3221)

RUSS UN3220	LITERATURE # EMPIRE (19C LIT)
RUSS UN3221	LIT # REVOLUTION (20TH C LIT)
RUSS UN3223	Magical Mystery Tour: The Legacy of Old Rus'
SLCL UN3001	SLAVIC CULTURES
RUSS GU4006	Russian Religious Thought, Praxis, and Literature
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
RUSS GU4107	RUSS LIT/CULTR-NEW MILLENNIUM

Six additional courses in Russian literature, culture, history, film, art, music, or in advanced Russian language, chosen in consultation with the director of undergraduate studies. At least one course should be taught in Russian

Students considering graduate study in Russian literature are strongly advised to complete four years of language training.

MAJOR IN SLAVIC STUDIES

This flexible major provides opportunities for interdisciplinary studies within the Slavic field. Students are encouraged to choose one target language (Bosnian-Croatian-Serbian, Czech, Polish, Russian, or Ukrainian), though there are possibilities for studying a second Slavic language as well. Generally, the major has one disciplinary focus in history, political science, economics, religion, anthropology, sociology, art, film, or music. In addition, this program allows students to focus on a particular Slavic (non-Russian) literature and culture or to do comparative studies of several Slavic literatures, including Russian. Students should plan their program with the director of undergraduate studies as early as possible, since course availability varies from year to year.

The program of study consists of 15 courses, distributed as follows:

Six semesters of coursework in one Slavic language (from first- through third-year Russian, Bosnian-Croatian-Serbian, Czech, Polish, or Ukrainian) or the equivalent.

Two relevant courses in Russian, East/Central European or Eurasian history.

Two relevant literature or culture courses in Slavic, preferably related to the target language.

Five additional courses with Slavic content in history, political science, economics, literature, religion, anthropology, sociology, art, film, or music, chosen in consultation with the director of undergraduate studies. Two of these electives may be language courses for students who opt to include a second Slavic language in their program.

Altogether students should complete four courses in a single discipline, including, if appropriate, the required history or literature/culture courses.

CONCENTRATION IN RUSSIAN LANGUAGE AND CULTURE

This program is intended for students who aim to attain proficiency in the Russian language. Intensive language training is complemented by an array of elective courses in Russian culture that allow students to achieve critical understanding of contemporary Russian society and of Russian-speaking communities around the world. Since this concentration emphasizes language acquisition, it is not appropriate for native Russian speakers.

The program of study consists of 10 courses, distributed as follows:

Six semesters of coursework in Russian language (from first-through third-year Russian) or the equivalent.

Select one of the following surveys:

SLCL UN3001	SLAVIC CULTURES
RUSS UN3220	LITERATURE # EMPIRE (19C LIT)
RUSS UN3221	LIT # REVOLUTION (20TH C LIT)
RUSS UN3223	Magical Mystery Tour: The Legacy of Old Rus'
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism

Three additional courses in Russian culture, history, literature, art, film, music, or in linguistics, chosen in consultation with the director of undergraduate studies; at least one of the selected courses should be taught in Russian.

RUSS GU4107	RUSS LIT/CULTR-NEW MILLENNIUM
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CONCENTRATION IN SLAVIC (NON-RUSSIAN) LANGUAGE AND CULTURE

This program is intended for students who aim to attain proficiency in a Slavic language other than Russian. Intensive language training is complemented by an array of elective courses in Slavic cultures that allow students to achieve critical understanding of the communities that are shaped by the Slavic language of their choice. Since this concentration emphasizes language acquisition, it is not appropriate for native speakers of the target language.

The program of study consists of 10 courses, distributed as follows:

Six semesters of coursework in one Slavic language (from first- through third-year Bosnian-Croatian-Serbian, Czech, Polish, or Ukrainian) or the equivalent.

Four additional courses in Slavic literature, culture or history, or in linguistics, chosen in consultation with the director of undergraduate studies; at least two should be directly related to the target language of study.

CONCENTRATION IN RUSSIAN LITERATURE AND CULTURE

The goal of this concentration is to make students conversant with a variety of Russian literary texts and cultural artifacts that facilitate a critical understanding of Russian culture. It is addressed to students who would like to combine language training with study of the Russian literary tradition.

The program of study consists of 10 courses, distributed as follows:

Four semesters of coursework in Russian language (first- and second-year Russian) or the equivalent.

Select two of the following surveys; one of which must be a literature survey (RUSS UN3220 or RUSS UN3221)

RUSS UN3220	LITERATURE # EMPIRE (19C LIT)
RUSS UN3221	LIT # REVOLUTION (20TH C LIT)
RUSS UN3223	Magical Mystery Tour: The Legacy of Old Rus'
RUSS GU4006	Russian Religious Thought, Praxis, and Literature
SLCL UN3001	SLAVIC CULTURES
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
RUSS GU4107	RUSS LIT/CULTR-NEW MILLENNIUM

Four additional courses in Russian literature, culture, and history, chosen in consultation with the director of undergraduate studies.

CONCENTRATION IN SLAVIC STUDIES

This flexible concentration provides opportunities for interdisciplinary studies within the Slavic field. Students are encouraged to choose one target language (Bosnian-Croatian-Serbian, Czech, Polish, Russian, or Ukrainian), and one disciplinary focus in history, political science, economics, religion, anthropology, sociology, art, film, or music. In addition, this program allows students to focus on a particular Slavic (non-Russian) literature and culture, or to do comparative studies of several Slavic literatures, including Russian.

The program of study consists of 10 courses, distributed as follows:

Four semesters of coursework in one Slavic language (first- and second-year Bosnian-Croatian-Serbian, Czech, Polish, Russian, or Ukrainian) or the equivalent.

One relevant courses in Russian, East/Central European or Eurasian history.

One relevant literature or culture course in Slavic, preferably related to the target language.

Four additional courses with Slavic content in history, political science, economics, literature, religion, anthropology, sociology, art, film, or music, chosen in consultation with the director of undergraduate studies

Altogether students should complete three courses in a single discipline, including, if appropriate, the required history or literature/culture courses.

CONCENTRATION IN RUSSIAN LITERATURE

This concentration is addressed to serious literature students who would like to pursue Russian literature but have no training in Russian. It allows students to explore the Russian literary tradition, while perfecting their critical skills and their techniques of close reading in a variety of challenging courses in translation.

The program of study consists of 8 courses, with no language requirements, distributed as follows:

Select two of the following Russian literature surveys (in translation):

RUSS UN3220	LITERATURE # EMPIRE (19C LIT)
RUSS UN3221	LIT # REVOLUTION (20TH C LIT)

Six additional courses, focused primarily on Russian literature, culture, and history, though courses in other Slavic literatures are also acceptable if approved by the director of undergraduate studies.

Relevant literature courses from other departments may count toward the concentration only if approved by the director of undergraduate studies.

BOSNIAN/CROATIAN/SERBIAN LANGUAGE AND LITERATURE

BCRS UN1101 ELEM BOSNIAN/CROATIAN/SERBIAN. 4.00 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year

Fall 2022: BCRS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1101	001/10681	W 10:10am - 11:25am 352b International Affairs Bldg	Aleksandar Boskovic	4.00	6/12
BCRS 1101	001/10681	T F 10:10am - 11:25am 352c International Affairs Bldg	Aleksandar Boskovic	4.00	6/12

BCRS UN1102 ELEM BOSNIAN/CROATIAN/SERBIAN. 4.00 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year

Spring 2023: BCRS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1102	001/10495	T W F 10:10am - 11:25am 352b International Affairs Bldg	Aleksandar Boskovic	4.00	5/12

BCRS UN2101 INTER BOSNIAN/CROATIAN/SERBIAN. 4.00 points.

Prerequisites: BCRS UN1102 or the equivalent.

Prerequisites: BCRS UN1102 or the equivalent. Readings in Serbian/Croatian/Bosnian literature in the original, with emphasis depending upon the needs of individual students

Fall 2022: BCRS UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 2101	001/10682	W 11:40am - 12:55pm 351a International Affairs Bldg	Aleksandar Boskovic	4.00	6/12
BCRS 2101	001/10682	T F 11:40am - 12:55pm 352b International Affairs Bldg	Aleksandar Boskovic	4.00	6/12

BCRS UN2102 INTER BOSNIAN/CROATIAN/SERBIAN. 4.00 points.

Prerequisites: BCRS UN1102 or the equivalent.

Prerequisites: BCRS UN1102 or the equivalent. Readings in Serbian/Croatian/Bosnian literature in the original, with emphasis depending upon the needs of individual students. This course number has been changed to BCRS 2102

Spring 2023: BCRS UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 2102	001/10496	T W F 11:40am - 12:55pm 352b International Affairs Bldg	Aleksandar Boskovic	4.00	7/12

BCRS GU4002 YUGOSLAV#POST-YUGOSLAV CINEMA. 3.00 points.

This course investigates the complex relationship between aesthetics and ideology in Yugoslav and post-Yugoslav cinema. Specifically, it examines the variety of ways in which race, ethnicity, gender inequality, and national identity are approached, constructed, promoted, or contested and critically dissected in film texts from the Socialist Federative Republic of Yugoslavia (SFRY) and its successor states (Bosnia, Croatia, Serbia, FYR Macedonia). The course has four thematic units and is organized chronologically.

Spring 2023: BCRS GU4002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 4002	001/11238	T 4:10pm - 6:00pm 709 Hamilton Hall	Aleksandar Boskovic	3.00	17/18

BCRS GU4331 ADV BOSNIAN/CROATIAN/SERBIAN. 3.00 points.

Prerequisites: BCRS UN2102

Prerequisites: BCRS UN2102 Further develops skills in speaking, reading, and writing, using essays, short stories, films, and fragments of larger works. Reinforces basic grammar and introduces more complete structures

BCRS GU4332 ADV BOSNIAN/CROATIAN/SERBIAN. 3.00 points.

Prerequisites: BCRS UN2102

Prerequisites: BCRS UN2102 Further develops skills in speaking, reading, and writing, using essays, short stories, films, and fragments of larger works. Reinforces basic grammar and introduces more complete structures

COMPARATIVE LITERATURE - CZECH

CLCZ GU4020 Czech Culture Before Czechoslovakia. 3 points.

Not offered during 2022-23 academic year.

Prerequisites: sophomore standing or the instructor's permission.

An interpretive cultural history of the Czechs from earliest times to the founding of the first Czechoslovak republic in 1918. Emphasis on the origins, decline, and resurgence of Czech national identity as reflected in the visual arts, architecture, music, historiography, and especially the literature of the Czechs.

CLCZ GU4030 POSTWAR CZECH LITERATURE. 3.00 points.

A survey of postwar Czech fiction and drama. Knowledge of Czech not necessary. Parallel reading lists available in translation and in the original

Fall 2022: CLCZ GU4030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCZ 4030	001/10579	T Th 2:40pm - 3:55pm 709 Hamilton Hall	Christopher Harwood	3.00	4/18

CLCZ GU4035 THE WRITERS OF PRAGUE. 3.00 points.

After providing an overview of the history of Prague and the Czech lands from earliest times, the course will focus on works by Prague writers from the years 1895-1938, when the city was a truly multicultural urban center. Special attention will be given to each of the groups that contributed to Prague's cultural diversity in this period: the Austro-German minority, which held disproportionate social, political and economic influence until 1918; the Czech majority, which made Prague the capital of the democratic First Czechoslovak Republic (1918-1938); the German- and Czech-speaking Jewish communities, which were almost entirely wiped out between 1938 and 1945; and the Russian and Ukrainian émigré community, which—thanks in large part to support from the Czechoslovak government—maintained a robust, independent cultural presence through the 1920s and early 1930s. Through close reading and analysis of works of poetry, drama, prose fiction, reportage, literary correspondence and essays, the course will trace common themes that preoccupied more than one Prague writer of this period. In compiling and comparing different versions of cultural myth, it will consider the applicability of various possible definitions of the literary genius loci of Prague

CLCZ GU4038 PRAGUE-SPRING 1968-FILM # LIT. 3.00 points.

The course explores the unique period in Czech film and literature during the 1960s that emerged as a reaction to the imposed socialist realism. The new generation of writers (Kundera, Skvorecky, Havel, Hrabal) in turn had an influence on young emerging film makers, all of whom were part of the Czech new wave

COMPARATIVE LITERATURE - POLISH

CLPL GU4042 Bestsellers of Polish Literature. 3 points.
Not offered during 2022-23 academic year.

A study of the 20th-century Polish novel during its most invigorated, innovative inter-war period. A close study of the major works of Kuncewiczowa, Choromanski, Wittlin, Unilowski, Kurek, Iwaszkiewicz, Gombrowicz, and Schulz. The development of the Polish novel will be examined against the background of new trends in European literature, with emphasis on the usage of various narrative devices. Reading knowledge of Polish desirable but not required. Parallel reading lists are available in the original and in translation.

CLPL GU4040 Mickiewicz. 3 points.

Not offered during 2022-23 academic year.

The Polish literary scene that in this particular period stretched from Moscow, Petersburg, and Odessa, to Vilna, Paris, Rome. The concept of exile, so central to Polish literature of the 19th-century and world literature of the 20th will be introduced and discussed. The course will offer the opportunity to see the new Romantic trend initially evolving from classicism, which it vigorously opposed and conquered. We will examine how the particular literary form - sonnet, ballad, epic poem and the romantic drama developed on the turf of the Polish language. Also we will see how such significant themes as madness, Romantic suicide, Romantic irony, and elements of Islam and Judaism manifested themselves in the masterpieces of Polish poetry. The perception of Polish Romanticism in other, especially Slavic, literatures will be discussed and a comparative approach encouraged. Most of the texts to be discussed were translated into the major European languages. Mickiewicz was enthusiastically translated into Russian by the major Russian poets of all times; students of Russian may read his works in its entirety in that language. The class will engage in a thorough analysis of the indicated texts; the students' contribution to the course based on general knowledge of the period, of genres, and/or other related phenomena is expected.

CLPL GU4300 The Polish Novel After 1989. 3 points.
Not offered during 2022-23 academic year.

This seminar is designed to offer an overview of Post-1989 Polish prose. The literary output of what is now called post-dependent literature demonstrates how political transformations influenced social and intellectual movements and transformed the narrative genre itself. The aesthetic

and formal developments in Polish prose will be explored as a manifestation of a complex phenomenon bringing the reassessment of national myths, and cultural aspirations. Works by Dorota Masłowska, Andrzej Stasiuk, Paweł Huelle, Olga Tokarczuk, Magdalena Tulik and others will be read and discussed. Knowledge of Polish not required.

CLPL GU4301 Survey of Polish Literature and Culture. 3 points.

This course introduces and explores key works, traditions, and tendencies in Polish literature and culture from the Middle Ages to the present. Focusing in particular on the monuments of Polish literature, the course embeds them in historical context and places them in dialog with important ideas and trends in both Polish and European culture of their time. The aim is to engender and establish an understanding of Poland's position on the literary and cultural map of Europe. In addition to literature, works of history, political science, film, and the performing arts will be drawn on for course lecture and discussion. No prerequisites. Readings in English.

COMPARATIVE LITERATURE – SLAVIC

CLSL UN3304 How To Read Violence: The Literature of Power, Force and Brutality from 20th Century Russia and America. 3 points.

This course seeks to understand how authors and filmmakers in the 20th century communicate the experience of violence to their audiences. We will discuss how fragmentation, montage, language breakdown and other techniques not only depict violence, but reflect that violence in artistic forms. We will also ask what representing violence does to the artistic work. Can the attempt to convey violence become an act of violence in itself? We will consider texts from Vladimir Mayakovsky, John Dos Passos, Andrei Platonov, Vasilii Grossman, Allen Ginsberg, Anna Akhmatova, Richard Wright, Cormac McCarthy, Vladimir Sorokin, as well as films from Sergei Eisenstein, Alexei Balabanov and Quentin Tarantino. Full course description and syllabus available at readingviolence.weebly.com.

CLSL GU4003 Central European Drama in the Twentieth Century. 3 points.

Focus will be on the often deceptive modernity of modern Central and East European theater and its reflection of the forces that shaped modern European society. It will be argued that the abstract, experimental drama of the twentieth-century avant-garde tradition seems less vital at the century's end than the mixed forms of Central and East European dramatists.

CLSL GU4004 Introduction to Twentieth-Century Central European Fiction. 3 points.

This course introduces students to works of literature that offer a unique perspective on the tempestuous twentieth century, if only because these works for the most part were written in "minor" languages (Czech, Polish, Hungarian, Serbian), in countries long considered part of the European backwaters, whose people were not makers but victims of history. Yet

the authors of many of these works are today ranked among the masters of modern literature. Often hailing from highly stratified, conservative societies, many Eastern and Central European writers became daring literary innovators and experimenters. To the present day, writers from this "other" Europe try to escape history, official cultures, politics, and end up redefining them for their readers. We will be dealing with a disparate body of literature, varied both in form and content. But we will try to pinpoint subtle similarities, in tone and sensibility, and focus, too, on the more apparent preoccupation with certain themes that may be called characteristically Central European.

CLSL GU4008 Slavic Avant-Garde Surfaces. 3 points. Not offered during 2022-23 academic year.

This lecture course will provide a punctual survey of the major trends and figures in the interwar visual culture and avant-garde poetry of the Soviet Russia and East Central Europe (Poland, Czechoslovakia, Hungary, and Yugoslavia), including the opulent field of their intersection. Topics include various interfaces of visual culture and graphic arts, such as public spaces, walls, propaganda trains, windows, postcards, posters, books, and screens. The course will address the innovative use of typography and photography, typophoto and photomontage, as well as the short written and hybrid genres such as manifesto, cinemopoetry, photo essay, and photo frescoes. We will discuss poets and artists such as Mayakovsky, Lissitsky, Rodchenko, Klutis, Vertov, Teige, Nezval, Sutnar, Štirsky, Szczuka, Stern, Themersons, Kassák, Kertész, Moholy-Nagy, Goll, Miciński, Vučko, Matijević. Each session will include a lecture followed by discussion.

CLSL GU4010 What We Do in the Shadows: A History of the Night in Eastern Europe. 3.00 points.

This course looks at nighttime as an object of inquiry from an experiential, historical, religious, literary, and cultural perspectives, introducing the students with the growing field of night studies. It covers the Early Modern and the Modern Periods and centers primarily on Eastern Europe and East Central Europe, with a secondary focus on Jewish Literature and Culture in these regions. The course caters for students who are interested in night studies, in the history and culture of Eastern Europe, students who are interested in Jewish (Hebrew and Yiddish) Studies, as well as students who are interested in the intersection of history and literature

CLSL GU4075 POST COLONIAL/POST SOV CINEMA. 3.00 points.

The course will discuss how filmmaking has been used as an instrument of power and imperial domination in the Soviet Union as well as on post-Soviet space since 1991. A body of selected films by Soviet and post-Soviet directors which exemplify the function of filmmaking as a tool of appropriation of the colonized, their cultural and political subordination by the Soviet center will be examined in terms of postcolonial theories. The course will focus both on Russian cinema and often overlooked work of Ukrainian, Georgian,

Belarusian, Armenian, etc. national film schools and how they participated in the communist project of fostering a «new historic community of the Soviet people» as well as resisted it by generating, in hidden and, since 1991, overt and increasingly assertive ways their own counter-narratives. Close attention will be paid to the new Russian film as it re-invents itself within the post-Soviet imperial momentum projected on the former Soviet colonies

Fall 2022: CLSL GU4075

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLSL 4075	001/10578	T 6:10pm - 10:00pm 707 Hamilton Hall	Yuri Shevchuk	3.00	11/25

CLSS GU4101 Balkan as a Metaphor. 3 points.

This seminar for graduate and advanced undergraduate students has two main objectives. First, it is to critically assess competing and conflicting conceptions of the Balkans, Balkanism, and Balkanization. Second, it engages with border studies, a vast and thriving field that makes sense of widely different and constantly changing definitions of the border. The course's case studies focus on the region of the former Yugoslavia across the disciplines currently recognized as the humanities and social sciences. We will examine what those disciplinary borders do to the different types of borders we have chosen to analyze. We will discuss the concepts of copy and imitation in relation to Balkan arts and politics in the contemporary globalized world. We will explore documentary film and performance art representations of how refugees, migrant minorities, and borderline populations counter marginalizations and trauma.

CLSL GU4995 Central European Jewish Literature: Assimilation and Its Discontents. 3 points.

Examines prose and poetry by writers generally less accessible to the American student written in the major Central European languages: German, Hungarian, Czech, and Polish. The problematics of assimilation, the search for identity, political commitment and disillusionment are major themes, along with the defining experience of the century: the Holocaust; but because these writers are often more removed from their Jewishness, their perspective on these events and issues may be different. The influence of Franz Kafka on Central European writers, the post-Communist Jewish revival, defining the Jewish voice in an otherwise disparate body of works.

COMPARATIVE LITERATURE - RUSSIAN

CLRS UN3314 The Story, She Told: Women's Autofiction # Life Writing in Russian. 3.00 points.

In her 1975 essay *The Laughter of Medusa*, Hélène Cixous compared women's writing—in French, “écriture féminine”—to the unexplored African continent. To date, literary criticism has been grappling with the distinct qualities of literary works, crafted by women. This course offers a survey of main autofictional works and memoirs, written originally in the Russian language within the last 100 years. We will start

our journey with the tumults of the WW1 and the Bolshevik Revolution, the Civil War, through the WW2, the Soviet dissident movement, the emigration waves into Israel and the United States, the advent of a post-socialist Russia in 1991—in order to arrive at the two plus decades of Vladimir Putin's presidency. We will consider the ways in which each author transposes and conveys her own—and others' memories—through the medium of autofiction, defined by Serge Doubrovsky, who coined the term in French, as “the adventure of the language, outside of wisdom and the syntax of the novel.” All selected works, with very few exceptions, are available in English; no reading knowledge of Russian is required. No prerequisites

Spring 2023: CLRS UN3314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 3314	001/10510	M W 11:40am - 12:55pm 425 Pupin Laboratories	Alex Pekov	3.00	10/25

CLRS UN3309 Fact and Fiction: The Document in Russian and American Literature. 3 points.

“Truth is stranger than fiction,” wrote Mark Twain in 1897. It is an axiom more relevant today than ever before, as more and more writers draw on “true events” for their literary works. Svetlana Alexievich, 2015 winner of the Nobel Prize for Literature, goes so far as to insist that “there are no borders between fact and fabrication, one flows into the other” in contemporary literature. In this course we read works from Russian and American literature that dance along this line between fact and fiction. Sometimes called “creative non-fiction,” “literary journalism,” or “documentary prose,” these works (Sergei Tretiakov, Viktor Shklovsky, Truman Capote, Tom Wolfe, John McPhee, Artem Borovik, and others) blur the boundaries between documentary evidence and literary art. No prerequisites.

CLRS GU4011 DOSTOEVSKY, TOLSTOY # ENG NOVEL. 3.00 points.

A close reading of works by Dostoevsky (*Netochka Nezvanova*; *The Idiot*; *A Gentle Creature*) and Tolstoy (*Childhood*, *Boyhood*, *Youth*; *Family Happiness*; *Anna Karenina*; *The Kreutzer Sonata*) in conjunction with related English novels (Brontë's *Jane Eyre*, Eliot's *Middlemarch*, Woolf's *Mrs. Dalloway*). No knowledge of Russian is required

Fall 2022: CLRS GU4011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4011	001/10580	M W 10:10am - 11:25am 516 Hamilton Hall	Liza Knapp	3.00	34/50
CLRS 4011	AU1/16763	M W 10:10am - 11:25am 516 Hamilton Hall	Liza Knapp	3.00	2/2

CLRS GU4017 Chekhov [English]. 3 points.

A close reading of Chekhov's best work in the genres on which he left an indelible mark (the short story and the drama) on the subjects that left an indelible imprint on him (medical science,

the human body, identity, topography, the nature of news, the problem of knowledge, the access to pain, the necessity of dying, the structure of time, the self and the world, the part and the whole) via the modes of inquiry (diagnosis and deposition, expedition and exegesis, library and laboratory, microscopy and materialism, intimacy and invasion) and forms of documentation (the itinerary, the map, the calendar, the photograph, the icon, the Gospel, the Koan, the lie, the love letter, the case history, the obituary, the pseudonym, the script) that marked his era (and ours). No knowledge of Russian required.

CLRS GU4022 Russia and Asia: Orientalism, Eurasianism, Internationalism. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores the formation of Russian national and imperial identity through ideologies of geography, focusing on a series of historical engagements with the concept of "Asia." How has the Mongol conquest shaped a sense of Russian identity as something distinct from Europe? How has Russian culture participated in Orientalist portrayals of conquered Asian lands, while simultaneously being Orientalized by Europe and, indeed, Orientalizing itself? How do concepts of Eurasianism and socialist internationalism, both arising in the early 20th century, seek to redraw the geography of Russia's relations with East and West? We will explore these questions through a range of materials, including: literary texts by Russian and non-Russian writers (Pushkin, Lermontov, Tolstoy, Solovyov, Bely, Blok, Pilnyak, Khlebnikov, Planotov, Xiao Hong, Kurban Said, Aitimatov, Iskander, Bordsky); films (Eisenstein, Tarkovsky, Kalatozov, Paradjanov, Mikhalkov); music and dance (the Ballets Russes); visual art (Vereshchagin, Roerich); and theoretical and secondary readings by Chaadaev, Said, Bassin, Trubetskoy, Leontiev, Lenin, and others.

CLRS GU4036 Nabokov and Global Culture. 3 points.

In 1955, an American writer of Russian descent published in Paris a thin book that forever shaped English language, American culture, and the international literary scene. That book, of course, was Vladimir Nabokov's *Lolita*.

We will speak of exile, memory and nostalgia, of hybrid cultural identities and cosmopolitan elites, of language, translation and multilingualism. All readings will be in English.

CLRS GU4037 Poets, Rebels, Exiles: 100 Years of Russians and Russian Jews in America. 3.00 points.

Poets, Rebels, Exiles examines the successive generations of the most provocative and influential Russian and Russian Jewish writers and artists who brought the cataclysm of the Soviet and post-Soviet century to North America. From Joseph Brodsky—the bad boy bard of Soviet Russia and a protégé of Anna Akhmatova, who served 18 months of hard labor near the North Pole for social parasitism before being exiled—to the most recent artistic descendants, this course will interrogate

diaspora, memory, and nostalgia in the cultural production of immigrants and exiles

Fall 2022: CLRS GU4037

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4037	001/15467	Th 2:10pm - 4:00pm 707 Hamilton Hall	Anna Katsnelson	3.00	6/25

CLRS GU4038 DOSTOEVSKY, DEMONS, DICKENS. 3.00 points.

A study of Dostoevsky and Dickens as two writers whose engagement in the here and now was vital to their work and to their practice of the novel. Readings from Dostoevsky cluster in the 1870s and include two novels, *Demons* (1872) and *The Adolescent* (1876), and selections from his *Diary of a Writer*. Readings from Dickens span his career and include, in addition to *David Copperfield* (1850), sketches and later essays.

CLRS GU4040 The Future is Red (White and Blue): Modernity and Social Justice in U.S. and U.S.S.R.. 4 points.

In the 1920s, the Soviet Union and the U.S. emerged as growing world powers, offering each other two compelling, if often opposed, versions of modernity. At the same time, each country saw its intercontinental rival as an attractive, but dangerous "other": a counterexample of the road not taken, and a foil for its own ideology and identity. From the 1920s to the heat of the Cold War, some of the USSR's most prominent public figures came to the U.S. and several American intellectuals, progressive activists, and officials traveled to the Soviet experiment. This course examines the cultural images of the American and Soviet "other" in the texts that resulted from these exchanges. We will read works about America from Sergei Esenin, Vladimir Mayakovsky, Ilya Il'f and Evgeny Petrov, and poems, essays, and novels about Russia by Langston Hughes, Claude McKay, Louise Bryant, W.E.B. Du Bois, John Steinbeck, and others. Each of these texts attempts to grapple with what it means to be modern—both technologically advanced and socially liberated—in different national contexts and under different proclaimed ideologies.

CLRS GU4111 Narrative and Repetition: Circling in Time and Space. 3.00 points.

An introduction to central concepts in narrative theory: plot, archetype, myth, story vs. discourse, Freudian analysis, history and narrative, chronotype and personal narrative. These are explored in the context of sustained investigation of a particular plot device: the time loop. Examples come from Russian modernist fiction, Soviet and American science fiction, and film. We compare being stuck in a time loop with being lost in space—a theme found in personal narratives shared orally and online, as well as in literary fiction. Students develop a final paper topic on time loop narrative of their choice

CZECH LANGUAGE AND LITERATURE

CZCH UN1101 ELEMENTARY CZECH I. 4.00 points.

Essentials of the spoken and written language. Prepare students to read texts of moderate difficulty by the end of the first year

Fall 2022: CZCH UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1101	001/10672	T Th F 10:10am - 11:25am 352b International Affairs Bldg	Christopher Harwood	4.00	5/12

CZCH UN1102 ELEMENTARY CZECH II. 4.00 points.

Essentials of the spoken and written language. Prepare students to read texts of moderate difficulty by the end of the first year

Spring 2023: CZCH UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1102	001/10498	T Th F 10:10am - 11:25am 352b International Affairs Bldg	Christopher Harwood	4.00	4/12

CZCH UN2101 INTERMEDIATE CZECH I. 4.00 points.

Prerequisites: CZCH UN1102 or the equivalent

Prerequisites: CZCH UN1102 or the equivalent Rapid review of grammar. Readings in contemporary fiction and nonfiction, depending upon the interests of individual students

Fall 2022: CZCH UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 2101	001/10673	T Th F 11:40am - 12:55pm 401 Hamilton Hall	Christopher Harwood	4.00	3/12

CZCH UN2102 INTERMEDIATE CZECH II. 4.00 points.

Prerequisites: CZCH UN1102 or the equivalent.

Prerequisites: CZCH UN1102 or the equivalent. Rapid review of grammar. Readings in contemporary fiction and nonfiction, depending upon the interests of individual students

Spring 2023: CZCH UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 2102	001/10499	T Th F 11:40am - 12:55pm 408 Hamilton Hall	Christopher Harwood	4.00	6/12

CZCH GU4333 READINGS IN CZECH LITERATURE I. 3.00 points.

Prerequisites: two years of college Czech or the equivalent. A close study in the original of representative works of Czech literature. Discussion and writing assignments in Czech aimed at developing advanced language proficiency

Fall 2022: CZCH GU4333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 4333	001/10674	T Th 4:10pm - 5:25pm 408 Hamilton Hall	Christopher Harwood	3.00	1/12

CZCH GU4334 READINGS IN CZECH LITERATURE II. 3.00 points.

Prerequisites: two years of college Czech or the equivalent.

Prerequisites: two years of college Czech or the equivalent. A close study in the original of representative works of Czech literature. Discussion and writing assignments in Czech aimed at developing advanced language proficiency

Spring 2023: CZCH GU4334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 4334	001/10500	T Th 4:10pm - 5:25pm 616 Hamilton Hall	Christopher Harwood	3.00	0/12

POLISH LANGUAGE AND LITERATURE

POLI UN1101 ELEMENTARY POLISH I. 4.00 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year

Fall 2022: POLI UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1101	001/10678	T Th F 11:40am - 12:55pm 408 Hamilton Hall	Christopher Caes	4.00	4/12

POLI UN1102 ELEMENTARY POLISH II. 4.00 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year

Spring 2023: POLI UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1102	001/10501	T Th F 1:10pm - 2:25pm 406 Hamilton Hall	Christopher Caes	4.00	3/12

POLI UN2101 INTERMEDIATE POLISH I. 4.00 points.

Prerequisites: POLI UN1102 or the equivalent.

Prerequisites: POLI UN1102 or the equivalent. Rapid review of grammar; readings in contemporary nonfiction or fiction, depending on the interests of individual students

Fall 2022: POLI UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 2101	001/10679	T Th F 10:10am - 11:25am 408 Hamilton Hall	Christopher Caes	4.00	6/12

POLI UN2102 INTERMEDIATE POLISH II. 4.00 points.

Prerequisites: POLI UN1102 or the equivalent.

Prerequisites: POLI UN1102 or the equivalent. Rapid review of grammar; readings in contemporary nonfiction or fiction, depending on the interests of individual students

Spring 2023: POLI UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLI 2102 001/10502 T Th F 10:10am - Christopher 4.00 5/12
11:25am Caes
406 Hamilton Hall

POLI GU4051 Movements in Polish Cinema. 3 points.

This course introduces and explores three separate movements in Polish post-World War II cinema – the “Polish School” of 1955–1965, the “Cinema of Moral Concern” of 1976–1981, and the “New Naïveté,” of 1999–2009. Each of these currents adopted a loosely conceived, historically specific aesthetic and ideological platform, which they sought to put into practice artistically in order to exert a therapeutic and a didactic influence on the culture and society of their time.

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- The “Polish School,” which was characterized by a blend of Italian neorealist and Polish Romantic or absurdist/existentialist styles, sought to represent and work through the national trauma of World War II in a context in which political censorship prevented the direct address of such issues. It includes the early work of world-renowned director Andrzej Wajda, as well as works by prominent filmmakers such as Andrzej Munk, Jerzy Kawalerowicz, and Wojciech Has.
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- The “Cinema of Moral Concern,” which drew on and combined the techniques of West European “cinemas of truth” with those of the New Hollywood, was in the forefront of the cultural ferment of the late 70s, which was devoted to the establishment of an underground civil society outside the institutions of the communist state and led up to the founding of the trade union Solidarity. It includes early work by internationally recognized filmmakers Krzysztof Kieślowski, Krzysztof Zanussi, and Agnieszka Holland.
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- The “New Naïveté” drew on a broad variety of Hollywood and international styles, seeking to transform the legacy of Solidarity’s anti-communist “revolution of the spirit” into contemporary forms of cultural capital in order to lay the foundations for “capitalism with a human face.” Among filmmakers active in this movement are Krzysztof Krauze, Robert Gliński, and Piotr Trzaskalski.
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Screening approximately one film a week, we will view at least five works from each movement, examining and discussing their individual formal and aesthetic principles and ideological investments, their relation to their respective movement as a whole, and their impact on the culture of their day.

POLI GU4101 ADVANCED POLISH. 3.00 points.

Prerequisites: two years of college Polish or the instructor’s permission. Extensive readings from 19th- and 20th-century texts in the original. Both fiction and nonfiction, with emphasis depending on the interests and needs of individual students

POLI GU4102 ADVANCED POLISH II. 3.00 points.

Prerequisites: two years of college Polish or the instructors permission. Extensive readings from 19th- and 20th-century

texts in the original. Both fiction and nonfiction, with emphasis depending on the interests and needs of individual students

Spring 2023: POLI GU4102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 4102	001/10503	T Th 11:40am - 12:55pm 406 Hamilton Hall	Christopher Caes	3.00	2/12

RUSSIAN LANGUAGE

RUSS UN1101 FIRST-YEAR RUSSIAN I. 5.00 points.

Grammar, reading, composition, and conversation

Fall 2022: RUSS UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1101	001/13743	M T W Th 8:50am - 9:55am 709 Hamilton Hall	Alex Pekov	5.00	9/12
RUSS 1101	002/13744	M T W Th 10:10am - 11:15am 709 Hamilton Hall	Veniamin Gushchin	5.00	10/12
RUSS 1101	004/13746	M T W Th 6:10pm - 7:15pm 709 Hamilton Hall	Zachary Deming	5.00	11/12

RUSS UN1102 FIRST-YEAR RUSSIAN II. 5.00 points.

Grammar, reading, composition, and conversation

Spring 2023: RUSS UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1102	001/11002	M T W Th 8:50am - 9:55am 709 Hamilton Hall	Veniamin Gushchin	5.00	5/12
RUSS 1102	002/11003	M T W Th 10:10am - 11:15am 709 Hamilton Hall	Uma Payne	5.00	8/12
RUSS 1102	003/11004	M T W Th 6:10pm - 7:15pm 709 Hamilton Hall	Zachary Deming	5.00	9/12

RUSS UN2101 SECOND-YEAR RUSSIAN I. 5.00 points.

Prerequisites: RUSS UN1102 or the equivalent.

Prerequisites: RUSS UN1102 or the equivalent. Drill practice in small groups. Reading, composition, and grammar review. Off-sequence

Fall 2022: RUSS UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 2101	001/13748	M T W Th 8:50am - 9:55am 707 Hamilton Hall	Jamie Bennett	5.00	9/12
RUSS 2101	002/13750	M T W Th 11:40am - 12:45pm 709 Hamilton Hall	Tomi Haxhi	5.00	7/12
RUSS 2101	003/13751	M T W Th 1:10pm - 2:15pm 709 Hamilton Hall	Alexey Shvyrykov	5.00	9/12

RUSS UN2102 SECOND-YEAR RUSSIAN II. 5.00 points.

Prerequisites: RUSS UN2101 or the equivalent.

Prerequisites: RUSS UN2101 or the equivalent. Drill practice in small groups. Reading, composition, and grammar review

Spring 2023: RUSS UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 2102	001/11005	M T W Th 8:50am - 9:55am 616 Hamilton Hall	Alexey Shvyrykov	5.00	4/12
RUSS 2102	002/11006	M T W Th 11:40am - 12:45pm 709 Hamilton Hall	Izolda Savenkova	5.00	8/12
RUSS 2102	003/11007	M T W Th 1:10pm - 2:15pm 709 Hamilton Hall	Izolda Savenkova	5.00	6/12

RUSS UN3101 THIRD-YEAR RUSSIAN I. 4.00 points.
Limited enrollment.

Prerequisites: RUSS UN2102 or the equivalent, and the instructor's permission.

Prerequisites: RUSS UN2102 or the equivalent, and the instructor's permission. Recommended for students who wish to improve their active command of Russian. Emphasis on conversation and composition. Reading and discussion of selected texts and videotapes. Lectures. Papers and oral reports required. Conducted entirely in Russian

Fall 2022: RUSS UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3101	001/13753	M W F 10:10am - 11:25am 707 Hamilton Hall	Tatiana Mikhailova	4.00	12/12

RUSS UN3102 THIRD-YEAR RUSSIAN II. 4.00 points.

Prerequisites: RUSS UN2102 or the equivalent and the instructor's permission.

Prerequisites: RUSS UN2102 or the equivalent and the instructors permission. Enrollment limited. Recommended for students who wish to improve their active command of Russian. Emphasis on conversation and composition. Reading and discussion of selected texts and videotapes. Lectures. Papers and oral reports required. Conducted entirely in Russian

Spring 2023: RUSS UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3102	001/10489	M W F 10:10am - 11:25am 313 Hamilton Hall	Tatiana Mikhailova	4.00	12/15

RUSS UN3105 Real World Russian. 3 points.

Prerequisites: (RUSS UN2102) (department placement test)
This content-based course has three focal points: 1) communicative skills 1) idiomatic language; 3) cross-cultural awareness.

The course is designed to help students further develop all of their language skills with particular focus on communicative and information processing skills, as well as natural student collaboration in the target language. The materials and assignments that will be used in class allow to explore a broad range of social, cultural, and behavioral contexts and familiarize students with idiomatic language, popular phrases and internet

memes, developments of the colloquial language, and the use of slang in everyday life.

On each class students will be offered a variety of content-based activities and assignments, including, information gap filling, role-play and creative skits, internet search, making presentations, and problem-solving discussions. Listening comprehension assignments will help students expand their active and passive vocabulary and develop confidence using natural syntactic models and idiomatic structures.

Students will be exposed to cultural texts of different registers, which will help them enhance their stylistic competence. Students will learn appropriate ways to handle linguo-social situations, routines, and challenges similar to those they come across when traveling to Russia. They will explore various speech acts of daily communication, such as agreement/disagreement, getting and giving help, asking for a favor, expressing emotions, and so forth. Part of class time will be devoted to nonverbal communication, the language of gestures, emotional phonetics and intonation.

RUSS UN3430 RUSSIAN FOR HERITAGE SPEAKERS. 3.00 points.

Prerequisites: *RUSS V3430* or the instructor's permission.

Prerequisites: RUSS V3430 or the instructor's permission. This course is designed to help students who speak Russian at home, but have no or limited reading and writing skills to develop literary skills in Russian. **THIS COURSE, TAKEN WITH RUSS V3431, MEET A TWO YEAR FOREIGN LANGUAGE REQUIREMENT.** Conducted in Russian

Fall 2022: RUSS UN3430

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3430	001/13755	M W 1:10pm - 2:25pm 315 Hamilton Hall	Alla Smyslova	3.00	10/12

RUSS UN3431 RUSSIAN FOR HERITAGE SPKRS II. 3.00 points.

Prerequisites: RUSS V3430 or the instructors permission. This course is designed to help students who speak Russian at home, but have no or limited reading and writing skills to develop literary skills in Russian. **THIS COURSE, TAKEN WITH RUSS V3430, MEET A TWO YEAR FOREIGN LANGUAGE REQUIREMENT.** Conducted in Russian

Spring 2023: RUSS UN3431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3431	001/10490	M W 1:10pm - 2:25pm 413 Hamilton Hall	Alla Smyslova	3.00	10/15

RUSS GU4342 FOURTH-YEAR RUSSIAN I. 4.00 points.

Prerequisites: RUSS UN3101 and RUSS UN3102 Third-Year Russian I and II, or placement test.

Prerequisites: RUSS UN3101 and RUSS UN3102 Third-Year Russian I and II, or placement test. Systematic study of problems in Russian syntax; written exercises, translations into Russian, and compositions. Conducted entirely in Russian

Fall 2022: RUSS GU4342

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4342	001/13756	M W F 2:40pm - 3:55pm 305 Uris Hall	Tatiana Mikhailova	4.00	7/12

RUSS GU4343 FOURTH-YEAR RUSSIAN II. 4.00 points.
FOURTH-YEAR RUSSIAN II**Spring 2023: RUSS GU4343**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4343	001/10491	M W F 2:40pm - 3:55pm 407 Hamilton Hall	Tatiana Mikhailova	4.00	6/15

RUSS GU4350 Moving to Advanced-Plus: Language, Culture, Society in Russian Today. 3 points.

Prerequisites: Six semesters of college Russian and the instructor's permission.

The course is designed to provide advanced and highly-motivated undergraduate and graduate students of various majors with an opportunity to develop professional vocabulary and discourse devices that will help them to discuss their professional fields in Russian with fluency and accuracy. The course targets all four language competencies: speaking, listening, reading and writing, as well as cultural understanding. Conducted in Russian.

RUSS GU4351 Moving to Advanced-Plus: Language, Culture, Society in Russian Today. 3 points.

Prerequisites: eight semesters of college Russian and the instructor's permission.

The course is designed to provide advanced and highly-motivated undergraduate and graduate students of various majors with an opportunity to develop professional vocabulary and discourse devices that will help them to discuss their professional fields in Russian with fluency and accuracy. The course targets all four language competencies: speaking, listening, reading and writing, as well as cultural understanding. Conducted in Russian.

RUSS GU4434 PRACTICAL STYLISTICS-RUSS LANG. 3.00 points.

Prerequisites: *RUSS W4334* or the equivalent or the instructor's permission.

Prerequisites: *RUSS W4334* or the equivalent or the instructor's permission. Prerequisite: four years of college Russian or instructor's permission. The course will focus on theoretical matters of language and style and on the practical aspect of improving students' writing skills. Theoretical aspects of Russian style and specific Russian stylistic conventions will be combined with the analysis of student papers and translation assignments, as well as exercises focusing on reviewing certain specific difficulties in mastering written Russian

Fall 2022: RUSS GU4434

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RUSS 4434	001/10583	M W 2:40pm - 3:55pm 709 Hamilton Hall	Irina Reyfman	3.00	4/18
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RUSS GU4910 LITERARY TRANSLATION. 4.00 points.

Prerequisites: four years of college Russian or the equivalent.

Prerequisites: four years of college Russian or the equivalent.

Workshop in literary translation from Russian into English focusing on the practical problems of the craft. Each student submits a translation of a literary text for group study and criticism. The aim is to produce translations of publishable quality

RUSSIAN LITERATURE (IN ENGLISH)**RUSS UN3220 LITERATURE # EMPIRE (19C LIT). 3.00 points.**

Explores the aesthetic and formal developments in Russian prose, especially the rise of the monumental 19th-century novel, as one manifestation of a complex array of national and cultural aspirations, humanistic and imperialist ones alike. Works by Pushkin, Lermontov, Gogol, Turgenev, Tolstoy, Dostoevsky, and Chekhov. Knowledge of Russian not required

Fall 2022: RUSS UN3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3220	001/10581	T Th 10:10am - 11:25am 503 Hamilton Hall	Liza Knapp	3.00	20/45
RUSS 3220	AU1/16762	T Th 10:10am - 11:25am 503 Hamilton Hall	Liza Knapp	3.00	2/2

RUSS UN3221 LIT # REVOLUTION (20TH C LIT). 3.00 points.

The revolutionary period (1905-1938) in Russia was not only one of extreme social upheaval but also of exceptional creativity. Established ideas about individuality and collectivity, about how to depict reality, about language, gender, authority, and violence, were all thrown open to radical questioning. Out of this chaos came ideas about literature and film (just for example) which have shaped Western thought on these subjects to this day. In this course we will study a variety of media and genres (poetry, manifestos, film, painting, photomontage, the novel, theoretical essays) in an effort to gain a deep understanding of this complex and fascinating period in Russian cultural history

Spring 2023: RUSS UN3221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3221	001/00389	T Th 11:40am - 12:55pm 307 Milbank Hall	John Wright	3.00	11/30

RUSS UN3222 TOLSTOY AND DOSTOEVSKY. 3.00 points.

Two epic novels, Tolstoy's *War and Peace* and Dostoevsky's *The Brothers Karamazov*, will be read along with selected shorter works. Other works by Tolstoy include his early *Sebastopol Sketches*, which changed the way war is represented in literature; *Confession*, which describes his spiritual crisis;

the late stories *Kreutzer Sonata* and *Hadji Murad*; and essays on capital punishment and a visit to a slaughterhouse. Other works by Dostoevsky include his fictionalized account of life in Siberian prison camp, *The House of the Dead*; *Notes from the Underground*, his philosophical novella on free will, determinism, and love; *A Gentle Creature*, a short story on the same themes; and selected essays from *Diary of a Writer*. The focus will be on close reading of the texts. Our aim will be to develop strategies for appreciating the structure and form, the powerful ideas, the engaging storylines, and the human interest in the writings of Tolstoy and Dostoevsky. No knowledge of Russian is required

Spring 2023: RUSS UN3222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3222	001/10508	M W 10:10am - 11:25am 717 Hamilton Hall	Liza Knapp	3.00	53/60
RUSS 3222	AU1/18178	M W 10:00am - 11:25am Othr Other	Liza Knapp	3.00	5/5

RUSS UN3223 Magical Mystery Tour: The Legacy of Old Rus'. 3 points.

Winston Churchill famously defined Russia as "a riddle wrapped in a mystery inside an enigma." This course aims at demystifying Russia by focusing on the core of its "otherness" in the eyes of the West: its religious culture. We will explore an array of texts, practices and pragmatic sites of Russian religious life across such traditional divides as medieval and modern, popular and elite, orthodox and heretical. Icons, liturgical rituals, illuminated manuscripts, magic amulets, religious sects, feasting and fasting, traveling practices from pilgrimages to tourism, political myths and literary mystification, decadent projects of life-creation, and fervent anticipation of the End are all part of the tour that is as illuminating as it is fun. No knowledge of Russian required.

RUSS UN3230 Tricksters in World Culture: Mockery, Subversion, Rebellion. 3.00 points.

Tricksters constitute one of the universal themes or tropes in mythology and folklore of many cultures. Through the discussions of ancient Greek, North-American, African, Paleo- Asiatic, Scandinavian, African-American, Muslim and Jewish myths and folklore about tricksters, the course will telescope the cultural functions of the comedic transgression as a form of social critique; it will also highlight cynicism, its productive and dangerous aspects. Then we'll introduce different historical subtypes of tricksters, such as buffoon, fool, jester, holy fool, kynik, picaro, adventurer, imposter, con artist, female and transgender tricksters, thus moving through premodern and early modern periods. Each type of the trickster is illustrated by literary examples from different world cultures (European and non-European alike) as well as theoretical works of Mikhail Bakhtin, Michel Foucault, Giorgio Agamben, and Peter Sloterdijk. Finally, the role of the trickster in modernity will be discussed through the case of Soviet tricksters, who had become true superstars manifesting the resistance to repressive

political ideology by the means of "cynical reason". The course will culminate in the trial of the most popular and important trickster in Soviet culture, Ostap Bender from Ilf and Petrov's satirical novels. In the course's finale will discuss the role of tricksters in contemporary politics

Spring 2023: RUSS UN3230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3230	001/10509	T Th 1:10pm - 2:25pm 233 Seeley W. Mudd Building	Mark Lipovetsky	3.00	38/40
RUSS 3230	AU1/18179	T Th 1:10pm - 2:25pm Othr Other	Mark Lipovetsky	3.00	2/2

RUSS GU4006 Russian Religious Thought, Praxis, and Literature. 3 points.

This course examines the interaction of religious thought, praxis, and literature in the nineteenth and early twentieth centuries. As the Russian Empire sought to define its place in the world, many Russian writers and thinkers turned to religious experience as a source of meaning. A varied body of work emerged as they responded to the tradition of Russian Orthodoxy. The goals of this course are to acquaint students with key texts of Russian religious thought and to give students the knowledge and tools required for critical inquiry into the religious dimension of Russian literature and culture.

RUSS GU4013 Late Tolstoy (Beyond Anna Karenina): Thinker, Writer, Activist, Pacifist, Humanitarian, and Mortal. 4 points.

The focus of the course is Tolstoy's work in the last 35 years of his life. On finishing *War and Peace* and *Anna Karenina*, Tolstoy swore off the kind of literature and decided to devote himself to what he believed would be more meaningful work. This work included confessions, letters, tracts, critiques, proclamations, invectives, exposes, meditations, and gospel, and as more fiction, some of which is overly didactic and some which is, like his earlier fiction, more covertly so.

RUSS GU4046 The Trickster in the Modern Russian Lit. 3.00 points.

"Trickster" does not simply mean "deceiver" or "rogue" (the definition of trickster according to the Oxford Encyclopedic English Dictionary), but rather "creative idiot", to use Lewis Hyde's expression. This hero unites the qualities of characters who at first sight have little in common — the "selfish buffoon" and the "culture hero"; someone whose subversions and transgressions paradoxically amplify the culture-constructing effects of his (and most often it is a "he") tricks. The trickster is a typical comic protagonist — it is enough to recollect Renard the Fox from the medieval *Roman de Renard*, Panurge from François Rabelais' *The Life of Gargantua and of Pantagruel*, Cervantes' *Sancho Panza*, Beaumarchais's *Figaro*, Gogol's *Khlestakov*, Mark Twain's *Tom Sawyer* and *Huckleberry Finn*, Jaroslav Hašek's *Švejk*, Charlie Chaplin's *Tramp*, Max Bialystock in Mel Brooks' *Producers*, Bart Simpson and Borat (Sacha Baron Cohen), as well as Jon Stewart and Stephen

Colbert along with many other comical characters of the same genre – to confirm this self-evident thesis

RUSS GU4107 RUSS LIT/CULTR-NEW MILLENNIUM. 3.00 points.

This course examines most representative works of Russian literature and culture since the 1990s and until the present moment. While discussing recent novels, short stories, dramas, poems, and films, we will address the issues of politics, re-assessment of history, gender, family, national identity, violence and terrorism. No knowledge of Russian is expected

RUSS GU4126 Remediating Protest: Transgressive Aesthetics in Soviet & Post-Soviet Culture. 3.00 points.

In the past ten years the authoritarian regime in Russia has rendered political protest exceedingly dangerous but it has not immobilized the cultural forms of dissent shaping contemporary anti-war resistance. From a feminist performance in a church to satirical documentary and whimsical trial speeches, contemporary artists, journalists, and activists have been creating the language of protest essential to understanding post-Soviet space. Why has protest in the post-Soviet region been taking these specific aesthetic forms? Taking our point of departure from Rancière's idea of resistance – signifying both firm persistence and a practice yielding change – we will explore how contemporary post-Soviet protest genres rely on the communication strategies that return to Soviet parody, poetic form, underground art, and dissident practices of cultural distribution. Looking at laughter as a transgressive communicative device, we will search for the reverberations of Soviet satire in Russian and Belorussian stand-up, as well as in less obvious genres, such as the recent documentary work by Alexey Navalny. We will focus on mimesis as a tool of resistance in Soviet underground art and contemporary performative practices. Exploring the aesthetics of testimony rooted in Soviet show trials, we will examine how Soviet journalistic prose and, later, contemporary theater reclaimed its devices. We will study the persistence of bodily tropes and language of violence in women's prose, drama, contemporary feminist poetry and feminist performance from Russia and Belarus. Finally, we will discuss how dissident practices of samizdat and tamizdat helped create cultural networks in Soviet Russia and beyond as we reflect on the use of new media platforms and technologies of digital activism in post-Soviet space. Rather than searching for instances of direct influence between cultural producers, we will examine how protest strategies are shaped and remediated while activating multiple layers of cultural memory. Students will learn to annotate images and videos online, write blog posts and carry out an independent research project in consultation with the instructor. At the end of the course they have a choice of presenting the project in the form of a paper or a multimedia digital piece. Enrollment is open to upper level undergraduate and graduate students. All primary and secondary readings are in English or have subtitles

Spring 2023: RUSS GU4126

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RUSS 4126 001/10987	T 4:10pm - 6:00pm	Tatiana Efremova	3.00	5/25
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RUSS GU4453 Women and Resistance in Russia. 3 points.

Cultural and political history of women and resistance in Russia, from the Putin era to medieval saints. Explores forms and specificity of female resistance in Russia across history. Addresses questions of historical narrative in light of missing sources. Material includes: prose by Svetlana Alexievich, Lydia Chukovskaya, Lidiya Ginzburg, Alexandra Kollontai, Masha Gessen, Anna Politkovskaia, and Pussy Riot's Nadezhda Tolokonnikova; poetry by Anna Akhmatova, Marina Tsvetaeva and Sophia Parnok; films by Kira Muratova; visual art by Natalia Goncharova and fellow "amazons" of the Russia Avant Garde, together with memoirs, saint's lives, letters, diaries, and urban legend. Final project: curating a museum exhibit.

Prerequisites: Open to undergraduate and graduate students. No Russian required for the undergraduate students. Graduate students are expected to do the readings in Russian.

RUSSIAN LITERATURE

RUSS UN3332 Vvedenie v russkuiu literaturu: Scary Stories. 3 points.

For non-native speakers of Russian.

Prerequisites: two years of college Russian or the instructor's permission.

The course is devoted to the reading, analysis, and discussion of a number of Russian prose fiction works from the eighteenth to twentieth century. Its purpose is to give students an opportunity to apply their language skills to literature. It will teach students to read Russian literary texts as well as to talk and write about them. Its goal is, thus, twofold: to improve the students' linguistic skills and to introduce them to Russian literature and literary history. A close study in the original of the "scary stories" in Russian literature from the late eighteenth century. Conducted in Russian.

RUSS UN3333 VVEDENIE V RUSSKUIU LITERATURU. 3.00 points.

For non-native speakers of Russian.

Prerequisites: two years of college Russian or the instructor's permission.

Prerequisites: two years of college Russian or the instructor's permission. The course is devoted to the reading, analysis, and discussion of a number of Russian prose fiction works from the eighteenth to twentieth century. Its purpose is to give students an opportunity to apply their language skills to literature. It will teach students to read Russian literary texts as well as to talk and write about them. Its goal is, thus, twofold: to improve the students' linguistic skills and to introduce them to Russian literature and literary history. In 2007-2008: A close study in the original of the "fallen woman" plot in Russian literature from the late eighteenth century. Conducted in Russian

Fall 2022: RUSS UN3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3333	001/10593	M W 11:40am - 12:55pm 707 Hamilton Hall	Irina Reyfman	3.00	13/18

RUSS GU4332 CHTENIIA PO RUSSKOI LITERATURE.**3.00 points.**

Prerequisites: Three years of college Russian and the instructor's permission.

Prerequisites: Three years of college Russian and the instructors permission. The course is devoted to reading shorter works by Nikolai Gogol. The syllabus includes a selection of stories from Evenings at a Farm near Dikanka and Mirgorod, "Nevsky Prospect," "The Overcoat," "Nose," and "Petersburg Tales," and The Inspector General

RUSS GU4338 CHTENIIA PO RUSSKOI LITERATURE.**3.00 points.**

The course is devoted to reading and discussing of Tolstoy's masterpiece. Classes are conducted entirely in Russian.

Spring 2023: RUSS GU4338

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4338	001/10512	M W 1:10pm - 2:25pm 318 Hamilton Hall	Irina Reyfman	3.00	6/25

RUSS GU4340 Chteniiia po russkoi literature: Bulgakov.**3.00 points.**

The course is devoted to reading and discussing of Mikhail Bulgakov's masterpiece Master i Margarita. Classes are conducted entirely in Russian

RUSS GU4344 ADV RUSSIAN THROUGH HISTORY.**3.00 points.**

Prerequisites: RUSS UN3101 and RUSS UN3102 Third-Year Russian I and II, or placement test.

Prerequisites: RUSS UN3101 and RUSS UN3102 Third-Year Russian I and II, or placement test. A language course designed to meet the needs of those foreign learners of Russian as well as heritage speakers who want to develop further their reading, speaking, and writing skills and be introduced to the history of Russia

Fall 2022: RUSS GU4344

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4344	001/00333	M W 1:10pm - 2:25pm 237 Milbank Hall	Julia Trubikhina	3.00	5/15

RUSS GU4345 ADV RUSSIAN THROUGH HISTORY.**3.00 points.**

Prerequisites: three years of Russian.

Prerequisites: three years of Russian. This is a language course designed to meet the needs of those foreign learners of Russian as well as heritage speakers who want to further develop their reading, listening, speaking, and writing skills and be introduced to the history of Russia

Spring 2023: RUSS GU4345

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4345	001/00392	M W 1:10pm - 2:25pm 237 Milbank Hall	Julia Trubikhina	3.00	2/15

SLAVIC CULTURE**SLCL UN3001 SLAVIC CULTURES. 3.00 points.**

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The history of Slavic peoples - Russians, Czechs, Poles, Serbs, Croats, Ukrainians, Bulgarians - is rife with transformations, some voluntary, some imposed. Against the background of a schematic external history, this course examines how Slavic peoples have responded to and have represented these transformations in various modes: historical writing, hagiography, polemics, drama and fiction, folk poetry, music, visual art, and film. Activity ranges over lecture (for historical background) and discussion (of primary sources)

Spring 2023: SLCL UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SLCL 3001	001/10511	T Th 2:40pm - 3:55pm 141 Uris Hall	Christopher Harwood, Jessica Merrill	3.00	49/60

SLCL UN3100 FOLKLORE PAST # PRESENT. 3.00 points.

An introduction to the concept of folklore as an evolving, historical concept, and to primary source materials which have been framed as such. These are translated from Bosnian, Chukchi, Czech, Finnish, German, Polish, Russian, Serbian, Tuvan, Ukrainian, Yiddish, Yupik languages, and others. Geographical range is from South-Eastern Europe to the Russian Far East. We learn about particular oral traditions, their social mechanisms of transmission and performance, their central themes and poetics. Attention is paid to the broader sociopolitical factors (Romantic nationalism, colonization) which have informed the transcription, collection and publication of these traditions. For the final project, students learn how to conduct an ethnographic interview, and to analyze the folklore of a contemporary social group. Our goal is to experientially understand—as folklorists and as members of folk groups ourselves—the choices entailed in transcribing and analyzing folklore

HNGR GU4028 Modern Hungarian Prose in Translation: Exposing Naked Reality. 3 points.

This course introduces students to representative examples of an essentially robust, reality-bound, socially aware literature. In modern Hungarian prose fiction, the tradition of nineteenth-century "anecdotal realism" remained strong and was further enlivened by various forms of naturalism. Even turn-of-the century and early twentieth-century modernist fiction is characterized by strong narrative focus, psychological realism, and an emphasis on social conditions and local color. During the tumultuous decades of the century, social, political, national

issues preoccupied even aesthetics-conscious experimenters and ivory-tower dwellers. Among the topics discussed will be "populist" and "urban" literature in the interwar years, post-1945 reality in fiction, literary memoirs and reportage, as well as late-century minimalist and postmodern trends.

HNGR GU4050 The Hungarian New Wave: Cinema in Kadarist Hungary [In English]. 3 points.
Not offered during 2022-23 academic year.

Hungarian cinema, like film-making in Czechoslovakia, underwent a renaissance in the 1960's, but the Hungarian new wave continued to flourish in the 70's and film remained one of the most important art forms well into the 80's. This course examines the cultural, social and political context of representative Hungarian films of the Kadarist period, with special emphasis on the work of such internationally known filmmakers as Miklos Jancso, Karoly Makk, Marta Meszaros, and Istvan Szabo. In addition to a close analysis of individual films, discussion topics will include the "newness" of the new wave in both form and content (innovations in film language, cinematic impressionism, allegorical-parabolic forms, auteurism, etc.), the influence of Italian, French, German and American cinema, the relationship between film and literature, the role of film in the cultures of Communist Eastern Europe, the state of contemporary Hungarian cinema. The viewing of the films will be augmented by readings on Hungarian cinema, as well as of relevant Hungarian literary works.

SLAVIC LITERATURES

SLLT GU4000 EURASIAN EXILES & LIT IN N.Y.. 3 points.

Eurasian Exiles and Literature in New York examines Eurasian exile literature in the United States and especially New York over the course of four emigration waves: so called Second Wave writers who fled the Russian Revolution (Vladimir Nabokov), the Third Wave exiles, who came after World War II (Joseph Brodsky and Sergei Dovlatov), the exile literature of the last Soviet generation who came as refugees in the late 1970s and early 1980s (Gary Shteyngart, Irina Reyn), and the perestroika and post-Soviet diaspora, who came to New York after 1991. All four waves drew upon a rich Russian cultural heritage and influences that they encountered abroad to create innovative work: new topoi and urban fiction as well as unique images of New York. All four have complicated and fascinating engagements with American society and the cultures of New York City, and also with the Russian and Eurasian émigré communities, vibrant worlds unto themselves. The initial waves drew mainly on East European themes and were still attached to Russia while the latter were increasingly concerned with non-Russian nationalities like Bukharan Jews, Georgians, and Tajiks. The course looks closely and critically at the meanings of "exile" and "Eurasia," as well as the poetics of exilic and urban writing; it asks whether we can still speak of exiles and exile fiction in the postSoviet age of globalization, social media, and unprecedented migration.

UKRAINIAN LANGUAGE AND LITERATURE

UKRN UN1101 ELEMENTARY UKRAINIAN I. 4.00 points.

Designed for students with little or no knowledge of Ukrainian. Basic grammar structures are introduced and reinforced, with equal emphasis on developing oral and written communication skills. Specific attention to acquisition of high-frequency vocabulary and its optimal use in real-life settings

Fall 2022: UKRN UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1101	001/10675	M W Th 11:40am - 12:55pm 404 Hamilton Hall	Serhii Tereshchenko	4.00	4/12

UKRN UN1102 ELEMENTARY UKRAINIAN II. 4.00 points.

Designed for students with little or no knowledge of Ukrainian. Basic grammar structures are introduced and reinforced, with equal emphasis on developing oral and written communication skills. Specific attention to acquisition of high-frequency vocabulary and its optimal use in real-life settings

Spring 2023: UKRN UN1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1102	001/10504	M W Th 11:40am - 12:55pm 352b International Affairs Bldg	Yuri Shevchuk	4.00	2/12

UKRN UN2101 INTERMEDIATE UKRAINIAN I. 4.00 points.

Prerequisites: UKRN UN1102 or the equivalent.

Prerequisites: UKRN UN1102 or the equivalent. Reviews and reinforces the fundamentals of grammar and a core vocabulary from daily life. Principal emphasis is placed on further development of communicative skills (oral and written). Verbal aspect and verbs of motion receive special attention

Fall 2022: UKRN UN2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 2101	001/10676	M W Th 10:10am - 11:25am 507 Lewisohn Hall	Yuri Shevchuk	4.00	3/12

UKRN UN2102 INTERMEDIATE UKRAINIAN II. 4.00 points.

Prerequisites: UKRN UN1102 or the equivalent.

Prerequisites: UKRN UN1102 or the equivalent. Reviews and reinforces the fundamentals of grammar and a core vocabulary from daily life. Principal emphasis is placed on further development of communicative skills (oral and written). Verbal aspect and verbs of motion receive special attention

Spring 2023: UKRN UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 2102	001/10505	M W Th 10:10am - 11:25am	Yuri Shevchuk	4.00	2/12

963 Ext
Schermerhorn Hall

UKRN GU4001 Advanced Ukrainian I. 3 points.

Prerequisites: UKRN UN2102 or the equivalent.

The course is for students who wish to develop their mastery of Ukrainian. Further study of grammar includes patterns of word formation, participles, gerunds, declension of numerals, and a more in-depth study of difficult subjects, such as verbal aspect and verbs of motion. The material is drawn from classical and contemporary Ukrainian literature, press, electronic media, and film. Taught almost exclusively in Ukrainian.

UKRN GU4002 Advanced Ukrainian II. 3 points.

Prerequisites: UKRN UN2102 or the equivalent.

The course is for students who wish to develop their mastery of Ukrainian. Further study of grammar includes patterns of word formation, participles, gerunds, declension of numerals, and a more in-depth study of difficult subjects, such as verbal aspect and verbs of motion. The material is drawn from classical and contemporary Ukrainian literature, press, electronic media, and film. Taught almost exclusively in Ukrainian.

UKRN GU4006 Advanced Ukrainian Through Literature, Media, and Politics. 3.00 points.

This course is organized around a number of thematic centers or modules. Each is focused on stylistic peculiarities typical of a given functional style of the Ukrainian language. Each is designed to assist the student in acquiring an active command of lexical, grammatical, discourse, and stylistic traits that distinguish one style from the others and actively using them in real-life communicative settings in contemporary Ukraine. The styles include literary fiction, scholarly prose, and journalism, both printed and broadcast

Fall 2022: UKRN GU4006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4006	001/10677	Th 11:40am - 12:55pm 406 Hamilton Hall	Yuri Shevchuk	3.00	3/12
UKRN 4006	001/10677	T 4:15pm - 5:30pm 351a International Affairs Bldg	Yuri Shevchuk	3.00	3/12

UKRN GU4007 Advanced Ukrainian Through Literature, Media and Politics II. 3.00 points.

This course is organized around a number of thematic centers or modules. Each is focused on stylistic peculiarities typical of a given functional style of the Ukrainian language. Each is designed to assist the student in acquiring an active command of lexical, grammatical, discourse, and stylistic traits that distinguish one style from the others and actively using them in real-life communicative settings in contemporary Ukraine. The styles include literary fiction, scholarly prose, and journalism, both printed and broadcast

Spring 2023: UKRN GU4007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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UKRN 4007	001/10506	M W 1:10pm - 2:25pm 406 Hamilton Hall	Yuri Shevchuk	3.00	3/12
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UKRN GU4033 FIN DE SIECLE UKRAINIAN LIT. 3.00 points.

The course focuses on the emergence of modernism in Ukrainian literature in the late 19th century and early 20th century, a period marked by a vigorous, often biting, polemic between the populist Ukrainian literary establishment and young Ukrainian writers who were inspired by their European counterparts. Students will read prose, poetry, and drama written by Ivan Franko, the writers of the Moloda Muza, Olha Kobylianska, Lesia Ukrainka, and Volodymyr Vynnychenko among others. The course will trace the introduction of feminism, urban motifs and settings, as well as decadence, into Ukrainian literature and will analyze the conflict that ensued among Ukrainian intellectuals as they shaped the identity of the Ukrainian people. The course will be supplemented by audio and visual materials reflecting this period in Ukrainian culture. Entirely in English with a parallel reading list for those who read Ukrainian

UKRN GU4037 SOV UKRAINIAN MODERNISM: REV, REB, EXPER. 3.00 points.

This course studies the renaissance in Ukrainian culture of the 1920s - a period of revolution, experimentation, vibrant expression and polemics. Focusing on the most important developments in literature, as well as on the intellectual debates they inspired, the course will also examine the major achievements in Ukrainian theater, visual art and film as integral components of the cultural spirit that defined the era. Additionally, the course also looks at the subsequent implementation of the socialist realism and its impact on Ukrainian culture and on the cultural leaders of the renaissance. The course treats one of the most important periods of Ukrainian culture and examines its lasting impact on today's Ukraine. This period produced several world-renowned cultural figures, whose connections with the 1920s Ukraine have only recently begun to be discussed. The course will be complemented by film screenings, presentations of visual art and rare publications from this period. Entirely in English with a parallel reading list for those who read Ukrainian

Spring 2023: UKRN GU4037

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4037	001/10507	T Th 1:10pm - 2:25pm 424 Pupin Laboratories	Mark Andryczyk	3.00	5/25

UKRN GU4054 CREATING ID-CONTEMP UKRN CULT. 3.00 points.

This course presents and examines post-Soviet Ukrainian literature. Students will learn about the significant achievements, names, events, scandals and polemics in contemporary Ukrainian literature and will see how they have contributed to Ukraine's post-Soviet identity. Students will examine how Ukrainian literature became an important site

for experimentation with language, for providing feminist perspectives, for engaging previously-banned taboos and for deconstructing Soviet and Ukrainian national myths. Among the writers to be focused on in the course are Serhiy Zhadan, Yuri Andrukhovych, Oksana Zabuzhko and Taras Prokhasko. Centered on the most important successes in literature, the course will also explore key developments in music and visual art of this period. Special focus will be given to how the 2013/2014 Euromaidan revolution and war are treated in today's literature. By also studying Ukrainian literature with regards to its relationship with Ukraine's changing political life, students will obtain a good understanding of the dynamics of today's Ukraine and the development of Ukrainians as a nation in the 21st century. The course will be complemented by audio and video presentations. Entirely in English with a parallel reading list for those who read Ukrainian

SOCIOLOGY

Department Office: 501 Knox Hall; 212-853-1909
<http://www.sociology.columbia.edu>

Director of Undergraduate Studies: Teresa Sharpe, 501 Knox; ts2785@columbia.edu

Director of Academic Administration and Finance:
 Teresa Aguayo, 501C Knox Hall; 212-854-9890;
 ta2015@columbia.edu

Student Program Coordinator: Winston Gordon, 501 Knox;
 wg2339@columbia.edu

Sociology is the study of society. In examining patterns of association, sociologists explore the interactions of people, communities, and organizations. In this sense, sociology is not the study of people; it is the study of the relationships among people. This study includes the associations between people and the products of human interaction, such as organizations, technologies, economies, cities, culture, media, and religion. In the kinds of questions it asks, sociology is a deeply humanist discipline and sociologists demand the analytic rigor of scientific investigation.

In training students in our department, we encourage them to ask big questions and we work to give them the tools to provide answers. These tools might mean ethnographic observation, pouring through historical archives, looking at census data, analyzing social networks, or interviewing people from various walks of life.

As a bridging discipline that seeks the scientific exploration of questions that matter to human communities, such as inequality and social injustice, sociology addresses many of the same areas of life as our neighboring social science disciplines. Yet we often approach these areas quite differently. For example, problems of economic and political life are a central concern

to sociologists. Rather than explore these as independent or particular features of society, we seek to embed them within the complex whole of the social world. Students will find the Department of Sociology to be a broad, demanding department that provides its students with the conceptual and methodological tools to make sense of the opportunities and social problems of the global communities in which we live.

GRADING

A letter grade of C- or better is needed in all Sociology courses in order to satisfy the program requirements.

DEPARTMENTAL HONORS

In order to be considered for departmental honors, majors must have a minimum GPA of 3.6 overall and 3.8 in courses in the Department of Sociology. In addition, students must produce an exceptional honors thesis in the two-semester *Senior Seminar* (SOCI UN3995-SOCI UN3996 SENIOR SEMINAR).

In order to register for the *Senior Seminar*, students must have completed SOCI UN3010 METHODS FOR SOCIAL RESEARCH and have had their research project accepted by the faculty member teaching the Senior Seminar. Submissions of research projects are due by May 1 preceding the seminar. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

PROFESSORS

Peter Bearman
 Courtney Bender (Religion)
 Elizabeth Bernstein (Barnard)
 Yinon Cohen
 Jonathan R. Cole
 Thomas A. DiPrete
 Gil Eyal
 Todd Gitlin (Journalism)
 Bruce Kogut (Business)
 Jennifer Lee
 Bruce Link (School of Public Health)
 Debra C. Minkoff (Barnard)
 Mignon Moore (Chair, Barnard)
 Aaron Pallas (Teachers College)
 Jonathan Rieder (Barnard)
 Saskia Sassen
 Seymour Spilerman
 David Stark (also School of International and Public Affairs)
 Julien Teitler (Social Work)
 Diane Vaughan
 Sudhir Alladi Venkatesh
 Amy Stuart Wells (Teachers College)
 Bruce Western (Chair)
 Andreas Wimmer

ASSOCIATE PROFESSORS

Mark Hatzenbuehler (Sociomedical)
 Jennifer Lena (Teachers College)

Desmond Upton Patton (School of Social Work)
 Adam Reich (Director of Graduate Studies)
 Emmanuelle Saada (French and Romance Philology)
 Josh Whitford

ASSISTANT PROFESSORS

Maria Abascal
 Debbie Becher (Barnard)
 Christel Kesler (Barnard)
 Yao Lu
 Angela M. Simms (Barnard)
 Gerard Torrats-Espinoso
 Dan Wang (Business School)
 Amy Yuan Zhou (Barnard)

LECTURERS

Denise Milstein
 Teresa Sharpe
 Kristin Murphy

MAJOR IN SOCIOLOGY

The major in sociology requires a minimum of 30-31 points as follows:

Core Courses

The following three courses are required (10 points):

SOCI UN1000	THE SOCIAL WORLD
SOCI UN3000	SOCIAL THEORY
SOCI UN3010	METHODS FOR SOCIAL RESEARCH

Elective Courses

Select six courses (20-21 points) in the Department of Sociology, to include at least three lecture courses (2000- or 3000-level, 3 points each) and at least two seminars (4 points each). The sixth course could be either a lecture course (to a total of 30 points) or a seminar (to a total of 31 points). For students taking the two-semester Senior Seminar, the sixth course must be a seminar. Some examples of electives include: *

SOCI UN3020	Social Statistics
SOCI UN3213	Sociology of African American Life
SOCI UN3235	SOCIAL MOVEMENTS
SOCI UN3490	MISTAKE, MISCONDUCT, DISASTER
SOCI UN3285	ISRAELI SOC # ISR-PLS CONFLICT
SOCI UN3264	The Changing American Family
SOCI UN3900	Societal Adaptations to Terrorism
SOCI UN3914	INEQUALITY, POVERTY # MOBILITY
SOCI UN3931	Sociology of the Body
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING

SOCI UN3995	Senior Seminar
SOCI UN3996	SENIOR SEMINAR

*

These may include the two-semester *Senior Seminar* (SOCI UN3995-SOCI UN3996).

CONCENTRATION IN SOCIOLOGY

The concentration in sociology requires a minimum of 20 points as follows:

Core Courses

The following three courses are required (10 points):

SOCI UN1000	THE SOCIAL WORLD
SOCI UN3000	SOCIAL THEORY
SOCI UN3010	METHODS FOR SOCIAL RESEARCH

Elective Courses

Select three courses (10 points) in the Department of Sociology, one of which must be a seminar. Some examples of electives include:

SOCI UN3900	Societal Adaptations to Terrorism
SOCI UN3914	INEQUALITY, POVERTY # MOBILITY
SOCI UN3915	Stigma and Discrimination
SOCI UN3931	Sociology of the Body
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING
SOCI UN3985	Queer Practice
SOCI UN3995	Senior Seminar
SOCI UN3996	SENIOR SEMINAR

SPRING 2023

SOCI UN1000 THE SOCIAL WORLD. 3.00 points.

Identification of the distinctive elements of sociological perspectives on society. Readings confront classical and contemporary approaches with key social issues that include power and authority, culture and communication, poverty and discrimination, social change, and popular uses of sociological concepts

Fall 2022: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/11122	M W 1:10pm - 2:25pm 309 Havemeyer Hall	Ryan Hagen	3.00	165/200

Spring 2023: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/13749	M W 10:10am - 11:25am 501 Northwest Corner	Gil Eyal	3.00	135/164

SOCI UN3000 SOCIAL THEORY. 4.00 points.

Prerequisites: Sophomore standing.

Prerequisites: Sophomore standing. Required for all sociology majors. Prerequisite: at least one sociology course of the instructor's permission. Theoretical accounts of the rise and transformations of modern society in the 19th and 20th centuries. Theories studied include those of Adam Smith, Tocqueville, Marx, Durkheim, Max Weber, Roberto Michels. Selected topics: individual, society, and polity; economy, class, and status; organization and ideology; religion and society; moral and instrumental action

Fall 2022: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/00710	T Th 11:40am - 12:55pm 504 Diana Center	Deborah Becher	4.00	70/70

Spring 2023: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/13746	M W 2:40pm - 3:55pm 330 Uris Hall	Ryan Hagen	4.00	66/60

SOCI UN3009 Contemporary Social Theory. 3 points.

This is a survey class that will familiarize students with the most important theoretical developments in post-war sociology.

SOCI UN3010 METHODS FOR SOCIAL RESEARCH.

4.00 points.

Prerequisites: SOCI UN1000 The Social World or Instructor Permission

Prerequisites: SOCI UN1000 The Social World or Instructor Permission Required for all Sociology majors. Introductory course in social scientific research methods. Provides a general overview of the ways sociologists collect information about social phenomena, focusing on how to collect data that are reliable and applicable to our research questions

Fall 2022: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/12552	M W 2:40pm - 3:55pm 517 Hamilton Hall	Gerard Torrats-Espinosa	4.00	59/75

Spring 2023: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/00038	T Th 11:40am - 12:55pm 405 Milbank Hall	Randa Serhan	4.00	70/70

SOCI UN3011 METHODS SOCIAL RESEARCH-DISC.

0.00 points.

Prerequisites: SOCI UN1000

Prerequisites: SOCI UN1000 Section Discussion for SOCI UN3010, METHODS FOR SOCIAL RESEARCH

Fall 2022: SOCI UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/19919	M 4:10pm - 5:00pm 415 Schapiro Ceper	Alexander Aleksanyan	0.00	36/35
SOCI 3011	002/20049	W 12:00pm - 1:00pm	Katy Habr	0.00	23/35

214 Pupin Laboratories

Spring 2023: SOCI UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/00039	Th 5:10pm - 6:00pm LI001 Milstein Center	Jennifer Leigh	0.00	37/35
SOCI 3011	002/00040	F 10:10am - 11:00am 214 Milbank Hall	Seungwon Lee	0.00	31/35

SOCI UN3265 SOCIOLOGY OF WORK # GENDER. 3.00 points.

This course examines gender as a flexible but persistent boundary that continues to organize our work lives and our home lives, as well as the relationship between the two spheres. We will explore the ways in which gender affects how work is structured; the relationship between work and home; the household as a place of paid (and unpaid) labor; and how changes in the global economy affect gender and work identities

Spring 2023: SOCI UN3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3265	001/14849	T Th 11:40am - 12:55pm 501 Northwest Corner	Teresa Sharpe	3.00	141/150

SOCI UN3297 Sociology of Transnational Market Making. 4 points.

The course will introduce core theories and key concepts in economic and political sociology, plus international political economy to provide a broad overview about the debates linked to the coming about and development of transnational markets. Classes are organized around three topics. We will start with the discussion of the works of classics like Weber, Durkheim and Polanyi on the emergence and evolution of national markets, followed by reading recent applications of the works of classics on the evolution of transnational markets. The third part of the course will explore the question of how can one apply these theoretical approaches to the study of the politics of the Single European Market and use their tools of analysis for the better understanding of the evolution of core-periphery relations in the EU.

Students taking this course will acquire the capacity for informed participation in debates on the politics of transnational market making. They will gain the analytical tools to start independent research on issues linked to the politics of economic integration in Europe

SOCI UN3915 Stigma and Discrimination. 4 points.

This course considers stigma and discrimination as general processes that apply to a broad range of phenomena, from mental illness to obesity to HIV/AIDS to racial groups. We will use a conceptual framework that considers power and social stratification to be central to stigma and discrimination. We will focus on both macro- and micro-level social processes and

their interconnections, and we will draw on literature from both sociology and psychology.

SOCI UN3921 HIGHER EDUCATION AND INEQUALITY. 4 points.

Prerequisites: (SOCI UN1000)

Higher education in the U.S. is going through a period of rapid change. State support is shrinking, student debt is increasing, full-time faculty are being replaced by adjuncts, and learning outcomes are difficult to measure, at best. This class will try to make sense of these changes. Among other questions, it will ask whether higher education is a source of social mobility or a means of class reproduction; how the college experience differs by race, class, and type of college attended; how the economics of higher education have led to more expensive college and more student loans; and how we might make college better. We will consider several different points of view on the current state of U.S. higher education: that of students who apply to and attend college, that of colleges and universities, and that of society at large. As part of this course, students will conduct research on their own universities: Columbia College or Barnard College.

SOCI UN3926 Race, Place, and the United States. 4.00 points.

The course analyzes the relationship between race/ethnicity and spatial inequality, emphasizing the institutions, processes, and mechanisms that shape the lives of urban dwellers. It surveys major theoretical approaches and empirical investigations of racial and ethnic stratification in several urban cities, and their concomitant policy considerations

SOCI UN3937 Sociology of Human Rights. 4.00 points.

Sociology came to the study of human rights much later than law, philosophy, or political science. In this course, you'll learn (1) what constitutes a sociology of human rights and (2) what sociology, its classics, and its diverse methods bring to the empirical study and theory of human rights. We'll explore the history, social institutions and laws, ideas, practices, and theories of human rights. We'll become familiar with the social actors, social structures, and relationships involved in practices such as violation, claims-making, advocacy, and protection. We'll consider how social, cultural, political, and economic forces affect human rights issues. We'll learn about the questions sociologists ask, starting with the most basic (but far from simple) question, "what is a human right?" We'll tackle key debates in the field, considering – for instance – whether human rights are universal and how human rights relate to cultural norms/values, national sovereignty, and national security. Finally, we'll apply the concepts we've learned to a wide range of issues (ex: how racial, ethnic, gender, and other social inequalities relate to human rights), rights (ex: LGBTQ rights, the rights of laborers, the rights of refugees), and cases (ex: enslavement, the separation of children from their families, circumcision, sterilization, the use of torture). We'll consider human rights cases in the United States and across the globe, and how events and actions in one place relate to human rights violations in another

Fall 2022: SOCI UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3937	001/15454	F 12:10pm - 2:00pm 302 Hamilton Hall	Rosemary McGunnigle-Gonzales	4.00	15/20

Spring 2023: SOCI UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3937	001/14851	F 12:10pm - 2:00pm 306 Hamilton Hall	Rosemary McGunnigle-Gonzales	4.00	20/20

SOCI UN3960 SEMINAR - PROBLEMS OF LAW # SOCIETY. 4.00 points.

This course addresses basic contemporary social issues from several angles of vision: from the perspective of scientists, social scientists, legal scholars, and judges. Through the use of case studies, students will examine the nature of theories, evidence, facts, proof, and argument as found in the work of scientists and scholars who have engaged the substantive issues presented in the course

SOCI UN3974 SOCI OF SCHOOLS,TEACH,LEARNING. 4.00 points.

In this class we will examine the school as a central institution in modern society, and we will grapple with an important question in the sociology of education: what role to schools play in reinforcing or challenging broader patterns of social inequality? We will pay special attention to the ways in which students class, race/ethnicity and gender shape their educational experiences. We will also look at how schools are organized, how schools construct differences among students, and how schools sort kids into different (and unequal) groups. Finally we will explore the types of interventions - at both the individual and organizational levels - that can mitigate inequality in educational achievement and help low-income students to succeed. One such intervention that has shown promise is tutoring in academic and social and behavioral skills, and interventions that strengthen self-affirmation. A major component of this class is your experience as a tutor. You will be trained as tutors to work with students from local high schools both through in-person tutoring and through tutoring using social networking technologies. Throughout the semester we will combine our academic learning with critical reflection on our experience in the field. Because you will be working with NYC high school students, we will pay special attention to how NYC high schools are organized and how current issues in education play out in the context of NYC schools

SOCI UN3980 Immigrant New York: The Changing American City. 4 points.

How has immigration transformed New York City? What are the major ethnic groups in the city? How are immigrants and their U.S.-born children incorporated into the city's schools, workplaces and neighborhoods? How will their integration reshape patterns of ethnic and racial inequality in the city? This course will focus on New York City as a case study to highlight

how immigration has transformed the city's demographic, political, socioeconomic and spatial landscape.

SOCI UN3981 Migration and Development. 4 points.

This is a seminar course on the social structure of migration—the movement of people from place to place—and its developmental consequences. The readings are organized by topic and include examples drawn from many countries, in order to highlight the commonality of migration processes across societies as well as specific societal differences that reflect national differences in social institutions, regional variations in economic development, etc. Papers concerned both with internal migration and international migration are included; as we will see, the apparent distinction between these two forms of migration—the presence of institutional barriers with respect to international migration and the supposed absence of such barriers with respect to internal migration—breaks down in societies that impose institutional constraints on internal migration: China, the former Soviet Union, and apartheid-era South Africa, among others.

SOCI UN3996 SENIOR SEMINAR. 3.00-4.00 points.

Prerequisites: required methods and theory courses for the major, and the instructor's permission.

Prerequisites: required methods and theory courses for the major, and the instructors permission. Students wishing to qualify for departmental honors must take W3996y. Students carry out individual research projects and write a senior thesis under the supervision of the instructor and with class discussion. Written and oral progress reports

Fall 2022: SOCI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/11160	W 10:10am - 12:00pm 201a Philosophy Hall	Teresa Sharpe	3.00-4.00	1/15

Spring 2023: SOCI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/14850	W 10:10am - 12:00pm 212a Lewisohn Hall	Teresa Sharpe	3.00-4.00	1/15

SOCI GU4701 CREATIVITY/TECH:WAR # COMMERCE. 4.00 points.

This course examines the ways that technological shifts have catalyzed innovation and social change in human societies. The focus is on the social basis for creativity. Analysis centers on the conflicts, disruptions and tensions that emerge in society when new and/or competing technologies are introduced. Students will explore two substantive spheres of social life. The first is war. Throughout recorded history, participants have sought to garner competitive advantages in battle via technological innovation. We look at several moments in which the development of a particular innovation helped bring about massive societal change. The second focus is on commerce. The class will examine the impact of digital technologies on those who work in creative industries

undergoing transformation via technology and diffusion of tech-inspired ideas. The learning objectives for students are:

- To situate technology within a wider social and historical context.
- To consider creativity as a social activity, not only as individual aptitude.
- To place the contemporary period of so-called “fast paced technological progress” within a sociological framework of change and innovation

Spring 2023: SOCI GU4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 4701	001/14860	T 2:10pm - 4:00pm 477 Alfred Lerner Hall	Sudhir Venkatesh	4.00	12/20

FALL 2022

SOCI UN1000 THE SOCIAL WORLD. 3.00 points.

Identification of the distinctive elements of sociological perspectives on society. Readings confront classical and contemporary approaches with key social issues that include power and authority, culture and communication, poverty and discrimination, social change, and popular uses of sociological concepts

Fall 2022: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/11122	M W 1:10pm - 2:25pm 309 Havemeyer Hall	Ryan Hagen	3.00	165/200

Spring 2023: SOCI UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/13749	M W 10:10am - 11:25am 501 Northwest Corner	Gil Eyal	3.00	135/164

CSER UN1040 CRIT APPRO-STUDY OF ETH # RACE. 3.00 points.

This course provides an introduction to central approaches and concepts animating the investigation of race and ethnicity. We will not treat either of these categories of difference as a given, nor as separable from other axes of social difference. Rather, we will apply an interdisciplinary and intersectional framework to illuminate how these concepts have come to emerge and cohere within a number of familiar and less familiar socio-cultural and historical contexts. We will consider how racial and ethnic differentiation as fraught but powerful processes have bolstered global labor regimes and imperial expansion projects; parsed, managed, and regulated populations; governed sexed and gendered logics of subject and social formation; and finally, opened and constrained axes of self-understanding, political organization, and social belonging. Special attention will be given to broadening students understanding of racial and ethnic differentiation beyond examinations of identity. Taken together, theoretical and empirical readings, discussions, and outside film screenings will prepare students for further coursework in race and ethnic studies, as well as fields such

as literary studies, women's studies, history, sociology, and anthropology

SOCI UN2208 CULTURE IN AMERICA. 3.00 points.

The values and meanings that form American pluralism. The three sections explore taste, consumption, and art; moral conflict, religion and secularism; identity, community and ideology. Examples range widely: Individualism, liberalism and conservatism; Obama's "transracial" endeavor; the food revolution; struggles over family and sexuality; multiculturalism; assimilation and immigration

SOCI UN2235 Sexuality in Social Context. 4.00 points.

Despite the ubiquity of sexual imagery in contemporary Western popular culture, most people regard sexuality to be an intimate topic that concerns the drives, experiences and pleasures of individuals. In this course, we will examine the social and pluralistic character of sexual desires, meanings, practices and politics, their variations, cultural locations, institutional determinants and even geopolitical dimensions. We will begin by surveying some of the most influential theoretical works from psychoanalysis, sexology and early sociological writings on sexualities, paying particular attention to how they undergird more contemporary social thought. We then move on to examine the influence of queer theoretical critique on sociological thinking about heterosexuality, whiteness, sexual diversity, and cross-national differences in the interrelationships between gender and sexuality. We will end the course by looking at three discrete topics within the larger sociological subfield of sexuality studies: global sex work, the ethics of participants observation in sexual; communities and contemporary discourses of sexual consent (the last with a particular focus on campus sexual cultures)

SOCI UN3000 SOCIAL THEORY. 4.00 points.

Prerequisites: Sophomore standing.

Prerequisites: Sophomore standing. Required for all sociology majors. Prerequisite: at least one sociology course of the instructor's permission. Theoretical accounts of the rise and transformations of modern society in the 19th and 20th centuries. Theories studied include those of Adam Smith, Tocqueville, Marx, Durkheim, Max Weber, Roberto Michels. Selected topics: individual, society, and polity; economy, class, and status; organization and ideology; religion and society; moral and instrumental action

Fall 2022: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/00710	T Th 11:40am - 12:55pm 504 Diana Center	Deborah Becher	4.00	70/70

Spring 2023: SOCI UN3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/13746	M W 2:40pm - 3:55pm 330 Uris Hall	Ryan Hagen	4.00	66/60

SOCI UN3001 Social Theory- DISC. 0.00 points.

Prerequisites: SOCI UN3000 Discussion section for Social Theory (SOCI UN3000)

Fall 2022: SOCI UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3001	001/00706	F 1:10pm - 2:00pm 323 Milbank Hall	Rose Porter	0.00	42/42
SOCI 3001	002/00707	Th 2:10pm - 3:00pm 325 Milbank Hall	Jacob LaViolette	0.00	26/35

Spring 2023: SOCI UN3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3001	001/18620	W 12:10pm - 1:00pm 509 Knox Hall	Greer Mellon	0.00	32/30
SOCI 3001	002/18625	W 9:10am - 10:00am 509 Knox Hall	Anthony Adams	0.00	32/30

SOCI UN3010 METHODS FOR SOCIAL RESEARCH. 4.00 points.

Prerequisites: SOCI UN1000 The Social World or Instructor Permission

Prerequisites: SOCI UN1000 The Social World or Instructor Permission Required for all Sociology majors. Introductory course in social scientific research methods. Provides a general overview of the ways sociologists collect information about social phenomena, focusing on how to collect data that are reliable and applicable to our research questions

Fall 2022: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/12552	M W 2:40pm - 3:55pm 517 Hamilton Hall	Gerard Torrats-Espinosa	4.00	59/75

Spring 2023: SOCI UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/00038	T Th 11:40am - 12:55pm 405 Milbank Hall	Randa Serhan	4.00	70/70

SOCI UN3011 METHODS SOCIAL RESEARCH-DISC. 0.00 points.

Prerequisites: SOCI UN1000

Prerequisites: SOCI UN1000 Section Discussion for SOCI UN3010, METHODS FOR SOCIAL RESEARCH

Fall 2022: SOCI UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/19919	M 4:10pm - 5:00pm 415 Schapiro Cepser	Alexander Aleksanyan	0.00	36/35
SOCI 3011	002/20049	W 12:00pm - 1:00pm 214 Pupin Laboratories	Katy Habr	0.00	23/35

Spring 2023: SOCI UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3011	001/00039	Th 5:10pm - 6:00pm	Jennifer Leigh	0.00	37/35

		LI001 Milstein Center			
SOCI 3011	002/00040	F 10:10am -	Seungwon	0.00	31/35
		11:00am			
		214 Milbank Hall	Lee		

SOCI UN3120 Trust and Mistrust in Science and Expertise. 4 points.

Skepticism about science and expertise is evident today in multiple arenas and clearly can no longer be considered a passing phenomenon. From climate change to vaccines; from mammograms to Coronavirus testing; from opposition to rules regulating acceptable levels of carcinogens to AI algorithms purporting to yield better decisions than human experts; the challenges to the authority of experts come from both sides of the political spectrum and take multiple forms. Most discussions of the challenges to expertise start from the question of mistrust. They ask why do people mistrust science and experts given their obvious and well-documented successes and their contribution to immense improvements in collective well-being? This way of posing the question inevitably leads to the conclusion that people mistrusting experts are irrational, uninformed or duped. This, however, may not be the most productive way to pose the question. For the social scientist, mistrust is not the puzzle, trust is. It is not surprising that people would tend to mistrust decisions taken in locales far removed from their daily lives, that are supported by forms of knowledge and technical arrangements that can be relatively opaque and difficult to grasp. It is not surprising especially since these decisions impact some individuals and groups adversely, while benefitting others. Finally, every now and then, but predictably so, it becomes obvious in hindsight that the wrong decisions were taken. Under these circumstances it is far more puzzling, counter-intuitive and difficult to understand why, how, and under what conditions people do trust science and experts. If we want to understand mistrust, and ultimately arrive at a more balanced arrangement of the relations between experts and laypeople, we need to begin by asking what is trust? How is it typically organized and secured? What sustains trust in experts and scientists? Only after we have some grasp of the mechanisms by which trust is cultivated, can we hope to have an explanation of the contemporary atmosphere of mistrust, that does not deteriorate into mere name-calling (“climate denial,” “anti-vaxxers,” etc.) This course will be organized, accordingly, in two parts. In the first part, we will consider different approaches to trust, and specifically for how trust in science and experts is elicited and secured. The second half of the course will be dedicated to examining contemporary case studies of mistrust in science and experts, while exploring different “engines of crisis”: the demand for parity between doctors and patients/parents, especially in the case of vaccinations; the emergence of “risk” as the central topic of the politics of expertise, especially as regarding environmental pollution; the strategic manufacturing of ignorance (“agnotology”) by tobacco manufacturers and by opponents of climate change research; the replacement of expert judgment with “black-boxed” algorithms in forensics and risk assessment; the legitimization crisis of

regulatory science; and the rejection of dependence on experts in the name of an ethics of “care of self.”

SOCI UN3121 Trust and Mistrust in Science and Expertise - DISC. 0.00 points.

Discussion Section for SOCI 3120UN - TRUST AND MISTRUST IN SCIENCE AND EXPERTISE. Skepticism about science and expertise is evident today in multiple arenas and clearly can no longer be considered a passing phenomenon. From climate change to vaccines; from mammograms to Coronavirus testing; from opposition to rules regulating acceptable levels of carcinogens to AI algorithms purporting to yield better decisions than human experts; the challenges to the authority of experts come from both sides of the political spectrum and take multiple forms. Most discussions of the challenges to expertise start from the question of mistrust. They ask why do people mistrust science and experts given their obvious and well-documented successes and their contribution to immense improvements in collective well-being? This way of posing the question inevitably leads to the conclusion that people mistrusting experts are irrational, uninformed or duped. This, however, may not be the most productive way to pose the question. For the social scientist, mistrust is not the puzzle, trust is. It is not surprising that people would tend to mistrust decisions taken in locales far removed from their daily lives, that are supported by forms of knowledge and technical arrangements that can be relatively opaque and difficult to grasp. It is not surprising especially since these decisions impact some individuals and groups adversely, while benefitting others. Finally, every now and then, but predictably so, it becomes obvious in hindsight that the wrong decisions were taken. Under these circumstances it is far more puzzling, counter-intuitive and difficult to understand why, how, and under what conditions people do trust science and experts

SOCI BC3219 RACE, ETHNICITY # SOCIETY. 3.00 points.

Examines the social construction of race and ethnicity in the United States from colonial period to present. Analyzes how capitalist interests, class differences, gender, immigration, and who “deserves” the full rights and privileges of citizenship, shape boundaries between and within racial and ethnic groups. Also considers how racism affects resource access inequities between racial groups in education, criminal justice, media, and other domains. Explores factors underpinning major social change with an eye toward discerning social conditions necessary to create and sustain just social systems

Fall 2022: SOCI BC3219

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3219	001/00767	M W 8:40am - 9:55am 207 Milbank Hall	Gillian Gualtieri	3.00	37/45

SOCI UN3324 Global Urbanism. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Using classical texts about cities (do they still work for us?) and on the diverse new literatures on cities and larger subjects

with direct urban implications, we will use a variety of data sets to get a detailed empirical information, and draw on two large ongoing research projects involving major and minor global cities around the world (a total of over 60 cities are covered in detail as of 2008). Students will need to register for a discussion section as well; details to be announced.

SOCI UN3235 SOCIAL MOVEMENTS. 3.00 points.

Prerequisites: One introductory course in Sociology suggested.

Prerequisites: One introductory course in Sociology suggested.

Social movements and the theories social scientists use to explain them, with emphasis on contemporary American activism. Cases include the Southern civil rights movement, Black Lives Matter, contemporary feminist mobilizations, LGBTQ activism, immigrant rights and more recent forms of grassroots politics

Fall 2022: SOCI UN3235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3235	001/00119	T Th 10:10am - 11:25am 307 Milbank Hall	Andrew Anastasi	3.00	38/45

SOCI UN3321 Global Urbanism Discussion Section. 0 points.

Discussion Section for "Global Urbanism" SOCI UN3324

SOCI UN3675 ORGANIZING INNOVATION. 4.00 points.

This course examines major innovations in organizations and asks whether innovation itself can be organized. We study a range of forms of organizing (e.g. bureaucratic, post-bureaucratic, and open architecture network forms) in a broad variety of settings: from fast food franchises to the military-entertainment complex, from airline cockpits to Wall Street trading rooms, from engineering firms to mega-churches, from scientific management at the turn of the twentieth century to collaborative filtering and open source programming at the beginning of the twenty-first. Special attention will be paid to the relationship between organizational forms and new digital technologies

Fall 2022: SOCI UN3675

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3675	001/13614	T Th 10:10am - 11:25am 330 Uris Hall	David Stark	4.00	50/60

SOCI UN3900 Societal Adaptations to Terrorism. 4 points.

Prerequisites: Junior or Senior standing

Examines how countries have adjusted to the threat of terrorism. How the adaptation reflects the pattern of terrorist attacks, as well as structural and cultural features of the society. Adaptations by individuals, families, and organizational actors.

SOCI UN3914 INEQUALITY, POVERTY # MOBILITY. 4.00 points.

This is an undergraduate seminar in social stratification. The course focuses on the current American experience with socioeconomic inequality and mobility. The goals of the course are to understand how inequality is conceptualized and

measured in the social sciences, to understand the structure of inequality in the contemporary U.S. to learn the principal theories and evidence for long term trends in inequality, to understand the persistence of poverty and the impact of social policies on American rates of poverty, and to understand the forces that both produce and inhibit intergenerational social mobility in the U.S. Given the nature of the subject matter, a minority of the readings will sometimes involve quantitative social science material. The course does not presume that students have advanced training in statistics, and any readings sections that contain mathematical or statistical content will be explained in class in nontechnical terms as needed. In these instances, our focus will not be on the methods, but rather on the conclusions reached by the author concerning the research question that is addressed in the text

Fall 2022: SOCI UN3914

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3914	001/11131	T 2:10pm - 4:00pm 509 Knox Hall	Thomas DiPrete	4.00	15/20

SOCI BC3916 CROSSOVER CULTURE. 4.00 points.

The rise of crossover culture: racially segregated markets and genres; organizational environments and the rise of independent labels; the creative process and black-white conflict and connection; the emergence of rock as a white genre; civil rights, Black Power, and the politics of soul; cultural borrowing and the postracial ethos

Spring 2023: SOCI BC3916

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3916	001/00726	Th 2:10pm - 4:00pm 111 Milstein Center	Jonathan Rieder	4.00	15/15

SOCI BC3920 ADV TOPICS GENDER # SEXUALITY. 4.00 points.

This research and writing-intensive seminar is designed for senior majors with a background and interest in the sociology of gender and sexuality. The goal of the seminar is to facilitate completion of the senior requirement (a 25-30 page paper) based on ;hands on; research with original qualitative data. Since the seminar will be restricted to students with prior academic training in the subfield, students will be able to receive intensive research training and guidance through every step of the research process, from choosing a research question to conducting original ethnographic and interview-based research, to analyzing and interpreting ones findings. The final goal of the course will be the production of an original paper of standard journal-article length. Students who choose to pursue their projects over the course of a second semester will have the option of revisiting their articles further for submission and publications

Fall 2022: SOCI BC3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3920	001/00122	Th 4:10pm - 6:00pm 318 Milbank Hall	Elizabeth Bernstein	4.00	13/15

SOCI BC3925 Advanced Topics in Law & Society. 4 points.

Law creates order. And yet, outlaws or lawbreakers are everywhere. Students will learn to ask and answer questions about living law, understanding that it involves law-followers and law-breakers. Students will read and discuss sociological investigations of the law and perform their own research into a significant question about law-in-action.

SOCI UN3926 Race, Place, and the United States. 4.00 points.

The course analyzes the relationship between race/ethnicity and spatial inequality, emphasizing the institutions, processes, and mechanisms that shape the lives of urban dwellers. It surveys major theoretical approaches and empirical investigations of racial and ethnic stratification in several urban cities, and their concomitant policy considerations

SOCI UN3937 Sociology of Human Rights. 4.00 points.

Sociology came to the study of human rights much later than law, philosophy, or political science. In this course, you'll learn (1) what constitutes a sociology of human rights and (2) what sociology, its classics, and its diverse methods bring to the empirical study and theory of human rights. We'll explore the history, social institutions and laws, ideas, practices, and theories of human rights. We'll become familiar with the social actors, social structures, and relationships involved in practices such as violation, claims-making, advocacy, and protection. We'll consider how social, cultural, political, and economic forces affect human rights issues. We'll learn about the questions sociologists ask, starting with the most basic (but far from simple) question, "what is a human right?" We'll tackle key debates in the field, considering – for instance – whether human rights are universal and how human rights relate to cultural norms/values, national sovereignty, and national security. Finally, we'll apply the concepts we've learned to a wide range of issues (ex: how racial, ethnic, gender, and other social inequalities relate to human rights), rights (ex: LGBTQ rights, the rights of laborers, the rights of refugees), and cases (ex: enslavement, the separation of children from their families, circumcision, sterilization, the use of torture). We'll consider human rights cases in the United States and across the globe, and how events and actions in one place relate to human rights violations in another

Fall 2022: SOCI UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3937	001/15454	F 12:10pm - 2:00pm 302 Hamilton Hall	Rosemary McGunnigle-Gonzales	4.00	15/20

Spring 2023: SOCI UN3937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3937	001/14851	F 12:10pm - 2:00pm 306 Hamilton Hall	Rosemary McGunnigle-Gonzales	4.00	20/20

SOCI BC3946 GLOBAL HEALTH, POLITICS, AND SOCIETY. 4.00 points.

What is global health? Where do global health disease priorities come from, and how do the ways that we understand disease shape how we respond to it? What happens when good ideas and good intentions go wrong? This course critically examines the politics of global health and its impact on local institutions and people. Drawing on social science research, the course will address three main themes: 1) how global health priorities are defined and constructed, 2) how our understandings of disease influence our response to that disease, and 3) how efforts to respond to disease intersect with people on the ground, sometimes in unexpected ways. We will examine the global health industry from the vantage point of different institutions and actors – international organizations, governments, local healthcare institutions, healthcare workers, and people living with or at risk of various illnesses like HIV/AIDS, malaria, cancer, and Ebola. A primary goal of this course is to help you to develop skills in critical thinking in relation to global health issues and their impact on society. Students will demonstrate their knowledge through individual writing, class discussion, presentations, and a final research project

SOCI UN3974 SOCI OF SCHOOLS,TEACH,LEARNING. 4.00 points.

In this class we will examine the school as a central institution in modern society, and we will grapple with an important question in the sociology of education: what role to schools play in reinforcing or challenging broader patterns of social inequality? We will pay special attention to the ways in which students class, race/ethnicity and gender shape their educational experiences. We will also look at how schools are organized, how schools construct differences among students, and how schools sort kids into different (and unequal) groups. Finally we will explore the types of interventions - at both the individual and organizational levels - that can mitigate inequality in educational achievement and help low-income students to succeed. One such intervention that has shown promise is tutoring in academic and social and behavioral skills, and interventions that strengthen self-affirmation. A major component of this class is your experience as a tutor. You will be trained as tutors to work with students from local high schools both through in-person tutoring and through tutoring using social networking technologies. Throughout the semester we will combine our academic learning with critical reflection on our experience in the field. Because you will be working with NYC high school students, we will pay special attention to how NYC high schools are organized and how current issues in education play out in the context of NYC schools

SOCI UN3996 SENIOR SEMINAR. 3.00-4.00 points.

Prerequisites: required methods and theory courses for the major, and the instructor's permission.

Prerequisites: required methods and theory courses for the major, and the instructors permission. Students wishing to qualify for departmental honors must take W3996y. Students carry out individual research projects and write a senior

thesis under the supervision of the instructor and with class discussion. Written and oral progress reports

Fall 2022: SOCI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/11160	W 10:10am - 12:00pm 201a Philosophy Hall	Teresa Sharpe	3.00-4.00/15	

Spring 2023: SOCI UN3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/14850	W 10:10am - 12:00pm 212a Lewisohn Hall	Teresa Sharpe	3.00-4.00/15	

SOCI GU4043 WORKSHOP ON WEALTH # INEQUALITY. 1.00 point.

This Workshop is linked to the Workshop on Wealth - Inequality Meetings. This is meant for graduate students, however, if you are an advanced undergraduate student you can email the professor for permission to enroll

Fall 2022: SOCI GU4043

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 4043	001/18820	Th 2:00pm - 4:00pm 509 Knox Hall	Marissa Thompson	1.00	10/20

Spring 2023: SOCI GU4043

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 4043	001/19824	T 2:00pm - 4:00pm 509 Knox Hall	Yao Lu	1.00	18/20

SOCI GU4801 Israel and the Palestinians. 4.00 points.

The seminar will examine the main political, economic, and social processes that have been shaping contemporary Israel. The underlying assumption in this seminar is that much of these processes have been shaped by the 100-year Israeli-Arab/Palestinian conflict. The first part of the course will accordingly focus on the historical background informing the conflict and leading to the Palestinian refugee problem and establishment of a Jewish, but not Palestinian, state in 1948. The second part of the seminar focuses on Israel's occupation of the West Bank (and Gaza) and the settlement project, as well as on USA's role and its impact on the conflict, the occupation, and Israel. These topics did not get much academic attention until recently, but as researchers began to realize that the Occupation and the West Bank settlements are among the most permanent institutions in Israel, they have come under the scrutiny of academic research. The third part the seminar will concentrate on the development of the conflict after the establishment of Israel and its effects on sociological processes and institutions in contemporary Israel. Analyzing patterns of continuity and change in the past seven decades, we will discuss immigration and emigration patterns, as well as issue relating to ethnicity, gender, religion and politics, and the Israeli military

OF RELATED INTEREST

African American Studies

Colloquia, Interdepartmental Seminars, and Professional School Offerings

INSM W3950	Friendship in Asian and Western Civilization
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Journalism

Sociology (Barnard)

SOCI BC3087	INDIVIDUAL SENIOR PROJECTS
SOCI BC3207	Music, Race and Identity
SOCI BC3214	SOC OF AFRICAN AMERICAN LIFE
SOCI BC3911	The Social Contexts of U.S. Immigration Law and Policy
SOCI BC3920	ADV TOPICS GENDER # SEXUALITY
SOCI BC3932	Climate Change, Global Migration, and Human Rights in the Anthropocene
SOCI BC3935	Gender and Organizations
Women's and Gender Studies	
WMST UN1001	INTRO-WOMEN # GENDER STUDIES

STATISTICS

The Statistics Department Office:

1005 School of Social Work (1255 Amsterdam Avenue);
212-851-2132

<http://www.stat.columbia.edu>

Statistics Major and Concentration Advising:

Ronald Neath, 612 Watson; 212-853-1398;
rcn2112@columbia.edu
Gabriel Young, 610 Watson; 212-853-1395;
gjy2107@columbia.edu (rcn2112@columbia.edu)

Data Science Major Advising:

Computer Science: Augustin Chaintreau, 610 CEPSR; 212-939-7082; augustin@cs.columbia.edu (cannon@cs.columbia.edu)
Statistics: Ronald Neath, 612 Watson; 212-853-1398; rcn2112@columbia.edu
Statistics: Gabriel Young, 610 Watson; 212-853-1395; gjy2107@columbia.edu (rcn2112@columbia.edu)

Economics - Statistics Major Advising:

Economics: Susan Elmes, 1006 IAB; 212-854-9124;
se5@columbia.edu
Statistics: Ronald Neath, 612 Watson; 212-853-1398; rcn2112@columbia.edu

Statistics: Gabriel Young, 610 Watson;
212-853-1395; gjy2107@columbia.edu
(rcn2112@columbia.edu)

Mathematics - Statistics Major Advising:

Mathematics: Julien Dubedat, 601 Mathematics;
212-854-8806; jd2653@columbia.edu
Statistics: Ronald Neath, 612 Watson;
212-853-1398; rcn2112@columbia.edu
Statistics: Gabriel Young, 610 Watson;
212-853-1395; gjy2107@columbia.edu
(rcn2112@columbia.edu)

Political Science - Statistic Major Advising:

Political Science: Naoki Egami, 734 IAB; 212-854-3623;
naoki.egami@columbia.edu (rys3@columbia.edu)
Statistics: Ronald Neath, 612 Watson;
212-853-1398; rcn2112@columbia.edu
Statistics: Gabriel Young, 610 Watson;
212-853-1395; gjy2107@columbia.edu
(rcn2112@columbia.edu)

Department Administrator:

Dood Kalicharan, 1003 School of Social Work;
212-851-2130; dk@stat.columbia.edu

The Department offers several introductory courses. Students interested in statistical concepts, who plan on consuming, but not creating statistics, should take STAT UN1001 INTRO TO STATISTICAL REASONING. The course is designed for students who have taken a pre-calculus course, and the focus is on general principles. It is suitable for students seeking to satisfy the Barnard quantitative reasoning requirements.

Students seeking an introduction to applied statistics should take STAT UN1101 INTRODUCTION TO STATISTICS. The course is designed for students who have some mathematical maturity, but who may not have taken a course in calculus, and the focus is on the elements of data analysis. It is recommended for pre-med students, and students contemplating the concentration in statistics. Students seeking a foundation for further study of probability theory and statistical theory and methods should take STAT UN1201 CALC-BASED INTRO TO STATISTICS. The course is designed for students who have taken a semester of college calculus or the equivalent, and the focus is on preparation for a mathematical study of probability and statistics. It is recommended for students seeking to complete the prerequisite for econometrics, and for students contemplating the major in statistics. Students seeking a one-semester calculus-based survey of probability theory and statistical theory and methods should take STAT GU4001 INTRODUCTION TO PROBABILITY AND STATISTICS. This course is designed for students who have taken calculus, and is meant as a terminal course. It provides a somewhat abridged version of the more demanding sequence STAT GU4203 PROBABILITY THEORY and STAT GU4204 STATISTICAL INFERENCE. While some mathematically mature students take the more demanding sequence as an introduction to the field, it is generally recommended that

students prepare for the sequence by taking STAT UN1201 CALC-BASED INTRO TO STATISTICS.

The Department offers the Major in Statistics, the Concentration in Statistics, and interdisciplinary majors with Computer Science, Economics, Mathematics, and Political Science. The concentration is suitable for students preparing for work or study where substantial skills in data analysis are valued and may be taken without mathematical prerequisites.

The concentration consists of a sequence of six courses in applied statistics, but students may substitute statistics electives numbered 4203 or above with permission of the concentration advisors. The major consists of mathematical and computational prerequisites, an introductory course, and five core courses in probability theory and theoretical and applied statistics together with three electives. The training in the undergraduate major is comparable to a masters degree in statistics.

Students may wish to consult the following guidelines when undertaking course planning. It is advisable to take STAT UN1101 INTRODUCTION TO STATISTICS and STAT UN2102 Applied Statistical Computing before taking any of the more advanced concentration courses, STAT UN2103 APPLIED LINEAR REG ANALYSIS, STAT UN2104 APPL CATEGORICAL DATA ANALYSIS, STAT UN3105 APPLIED STATISTICAL METHODS, and STAT UN3106 APPLIED MACHINE LEARNING. It is advisable to take STAT UN1201 CALC-BASED INTRO TO STATISTICS, STAT GU4203 PROBABILITY THEORY, STAT GU4204 STATISTICAL INFERENCE, and STAT GU4205 LINEAR REGRESSION MODELS in sequence. Courses in stochastic analysis should be preceded by STAT GU4203 PROBABILITY THEORY, and for many students, it is advisable to take STAT GU4207 ELEMENTARY STOCHASTIC PROCESS before embarking on STAT GU4262 Stochastic Processes for Finance, STAT GU4264 STOCHASTIC PROCESSES-APPLICANTS I, or STAT GU4265 STOCHASTIC METHODS IN FINANCE. Most of the statistics courses numbered from 4221 to 4234 are best preceded by STAT GU4205 LINEAR REGRESSION MODELS. The data science courses STAT GU4206 STAT COMP # INTRO DATA SCIENCE, STAT GU4241 STATISTICAL MACHINE LEARNING, and STAT GU4242 Advanced Machine Learning should be taken in sequence.

ADVANCED PLACEMENT

The Department offers three points of advanced credit for a score of 5 on the AP statistics exam. Students who are required to take an introductory statistics course for their major should check with their major advisor to determine whether this credit provides exemption from their requirement.

DEPARTMENTAL HONORS

Students are considered for department honors on the basis of GPA and the comprehensiveness and difficulty of their

course work in the Department. The Department is generally permitted to nominate one tenth of graduating students for departmental honors.

UNDERGRADUATE RESEARCH IN STATISTICS AND THE SUMMER INTERNSHIP

Matriculated students who will be undergraduates at Columbia College, Barnard College, the School of General Studies, or the School of Engineering and Applied Sciences may apply to the Department's summer internship program. The internship provides summer housing and a stipend. Students work with Statistics Department faculty mentors. Applicants should send a brief statement of interest and a copy of their transcript to Ms. Dood Kalicharan in the Statistics Department office by the end of March to be considered. If summer project descriptions are posted on the Department's website, please indicate in the statement of interest which project is of interest. Students seeking research opportunities with Statistics Department faculty during the academic year are advised to be entrepreneurial and proactive: identify congenial faculty whose research is appealing, request an opportunity to meet, and provide some indication of previous course work when asking for a project.

PROFESSORS

David Blei (with Computer Science)
John Cunningham
Richard R. Davis
Victor H. de la Peña
Andrew Gelman (with Political Science)
Ioannis Karatzas (with Mathematics)
Jingchen Liu
Shaw-Hwa Lo
Marcel Nutz (with Mathematics)
Liam Paninski
Philip Protter
Daniel Rabinowitz
Bodhisattva Sen
Michael Sobel
Simon Tavaré (with Biological Sciences)
Zhiliang Ying
Ming Yuan
Tian Zheng (Chair)

ASSOCIATE PROFESSORS

Samory Kpotufe
Arian Maleki
Sumit Mukherjee

ASSISTANT PROFESSORS

Marco Avella
Yuqi Gu

Cynthia Rush
Anne van Delft

TERM ASSISTANT PROFESSORS

Carsten Chong
Gokce Dayanikli
Yongchen Kwon
Johannes Wiesel
Chenyang Zhong

ADJUNCT FACULTY

Demissie Alemayehu
Mark Brown
Guy Cohen
Regina Dolgoarshinnykh
Hammou El Barmi
Tat Sang Fung
Xiaofu He
Ying Liu
Ka-Yi Ng
Ha Nguyen
Cristian Pasarica
Kamiar Rahnama Rad
Ori Shental
Haiyuan Wang
Rongning Wu

LECTURERS IN DISCIPLINE

Banu Baydil
Anthony Donoghue
Wayne Lee
Dobrin Marchev
Ronald Neath
Alex Pijyan
David Rios
Joyce Robbins
Gabriel Young

MAJOR IN STATISTICS

The requirements for this program were modified in March 2016. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

The major should be planned with the director of undergraduate studies. Courses taken for a grade of Pass/D/Fail, or in which the grade of D has been received, do not count toward the major. The requirements for the major are as follows:

Mathematics and Computer Science Prerequisites

MATH UN1101	CALCULUS I
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MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN2010	LINEAR ALGEBRA

One of the following five courses

COMS W1007	Honors Introduction to Computer Science
ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI
COMS W1005	Introduction to Computer Science and Programming in MATLAB
STAT UN2102	Applied Statistical Computing
COMS W1004	Introduction to Computer Science and Programming in Java

Core courses in probability and statistics

STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4206	STAT COMP # INTRO DATA SCIENCE
STAT GU4207	ELEMENTARY STOCHASTIC PROCESS

Three approved electives in statistics or, with permission, a cognate field.

- Students preparing for a career in actuarial science are encouraged to replace STAT GU4205 LINEAR REGRESSION MODELS with STAT GU4282 Linear Regression and Time Series Methods, and should take as one of their electives STAT GU4281 Theory of Interest.
- Students preparing for graduate study in statistics are encouraged to replace two electives with MATH GU4061 INTRO MODERN ANALYSIS I and MATH GU4062 INTRO MODERN ANALYSIS II .

CONCENTRATION IN STATISTICS

Courses taken for a grade of Pass/D/Fail, or in which the grade of D has been received, do not count towards the concentration. The requirements for the concentration are as follows.

STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN2102	Applied Statistical Computing
STAT UN2103	APPLIED LINEAR REG ANALYSIS
STAT UN2104	APPL CATEGORICAL DATA ANALYSIS
STAT UN3105	APPLIED STATISTICAL METHODS
STAT UN3106	APPLIED MACHINE LEARNING

- Students may replace courses required for the concentration by approved Statistics Department courses.

MAJOR IN DATA SCIENCE

In response to the ever growing importance of "big data" in scientific and policy endeavors, the last few years have seen an explosive growth in theory, methods, and applications at the interface between computer science and statistics. The Statistics Department and the Department of Computer Science have responded with a joint-major that emphasizes the interface between the disciplines.

Courses taken for a grade of Pass/D/Fail, or in which the grade of D has been received, do not count toward the major. The requirements for the major are as follows:

Mathematical Prerequisites

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN2010	LINEAR ALGEBRA

Statistics Required Courses

STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4241	STATISTICAL MACHINE LEARNING
or COMS W4771	MACHINE LEARNING

Statistics Electives

Select two of the following courses:

STAT UN3106	APPLIED MACHINE LEARNING
STAT GU4206	STAT COMP # INTRO DATA SCIENCE
STAT GU4243	APPLIED DATA SCIENCE
STAT GU4224	BAYESIAN STATISTICS
STAT GU4242	Advanced Machine Learning

Computer Science Introductory Courses

Select one of the following courses:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI
COMS W1007	Honors Introduction to Computer Science

And select one of the following courses:

COMS W3134	Data Structures in Java
COMS W3136	ESSENTIAL DATA STRUCTURES

COMS W3137	HONORS DATA STRUCTURES # ALGOL
Computer Science Required Courses	
COMS W3203	DISCRETE MATHEMATICS
CSOR W4231	ANALYSIS OF ALGORITHMS I
Computer Science Electives	
Select three of the following courses:	
COMS W3261	COMPUTER SCIENCE THEORY
COMS W4236	INTRO-COMPUTATIONAL COMPLEXITY
COMS W4252	INTRO-COMPUTATIONAL LEARN THRY
COMS W4111	INTRODUCTION TO DATABASES
COMS W4130	Principles and Practice of Parallel Programming
Any COMS W47xx course EXCEPT W4771	

MAJOR IN ECONOMICS-STATISTICS

Please read *Requirements for all Economics Majors, Concentrators, and Interdepartmental Majors* in the [Economics](#) (p. 443) section of this Bulletin.

The major in Economics-Statistics provides students with a grounding in economic theory comparable to that of the general economics major, but also exposes students to a more rigorous and extensive statistics training. This program is recommended for students with strong quantitative skills and for those contemplating graduate studies in economics.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Statistics. The economics adviser can only advise on economics requirements and the statistics adviser can only advise on statistics requirements.

Students should be aware of the rules regarding the use of the Pass/D/Fail option. Courses in which a grade of D has been received do not count toward the major requirements.

The economics-statistics major requires a total of 59 points: 29 in economics, 15 points in statistics, 12 points in mathematics, and 3 points in computer science, as follows:

Economics Core Courses

Complete the Economics core courses.

Economics Electives

Select three electives at the 3000-level or above, of which no more than one may be a Barnard course.

Mathematics

Select one of the following sequences:

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1201	and CALCULUS III
- MATH UN2010	and LINEAR ALGEBRA

MATH UN1101	CALCULUS I
- MATH UN1102	and CALCULUS II
- MATH UN1205	and ACCELERATED
- MATH UN2010	MULTIVARIABLE CALC
	and LINEAR ALGEBRA
MATH UN1207	HONORS MATHEMATICS A
- MATH UN1208	and HONORS MATHEMATICS B
Statistics	
STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS

One elective from among courses numbered STAT GU4206 through GU4266.

Computer Science

Select one of the following courses:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
COMS W1007	Honors Introduction to Computer Science
ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI
STAT UN2102	Applied Statistical Computing
Seminar	
ECON GU4918	SEMINAR IN ECONOMETRICS

Students who declared before Spring 2014:

The requirements for this program were modified in 2014. Students who declared this program before Spring 2014 should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

MAJOR IN MATHEMATICS-STATISTICS

The program is designed to prepare the student for: (1) a career in industries such as finance and insurance that require a high level of mathematical sophistication and a substantial knowledge of probability and statistics; and (2) graduate study in quantitative disciplines. Students choose electives in finance, actuarial science, operations research, or other quantitative fields to complement requirements in mathematics, statistics, and computer science.

Courses taken for a grade of Pass/D/Fail, or in which the grade of D has been received, do not count toward the major. The requirements for the major are as follows:

Mathematics

Select one of the following sequences:

MATH UN1101	CALCULUS I
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MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN2010	LINEAR ALGEBRA
MATH UN2500	ANALYSIS AND OPTIMIZATION

OR

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1205	ACCELERATED MULTIVARIABLE CALC
MATH UN2010	LINEAR ALGEBRA
MATH UN2500	ANALYSIS AND OPTIMIZATION

OR

MATH UN1207	HONORS MATHEMATICS A
MATH UN1208	HONORS MATHEMATICS B
MATH UN2500	ANALYSIS AND OPTIMIZATION

Statistics required courses

STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS

And select one of the following courses:

STAT GU4207	ELEMENTARY STOCHASTIC PROCESS
STAT GU4262	Stochastic Processes for Finance
STAT GU4264	STOCHASTIC PROCESSES-APPLIED I
STAT GU4265	STOCHASTIC METHODS IN FINANCE

Computer Science

Select one of the following courses:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
ENGI E1006	INTRO TO COMP FOR ENG/APP SCI
COMS W1007	Honors Introduction to Computer Science

or an advanced Computer Science offering in programming

Electives

An approved selection of three advanced courses in mathematics, statistics, applied mathematics, industrial engineering and operations research, computer science, or approved mathematical methods courses in a quantitative discipline. At least one elective must be a Mathematics Department course numbered 3000 or above.

- Students interested in modeling applications are recommended to take MATH UN3027 Ordinary

Differential Equations and MATH UN3028 PARTIAL DIFFERENTIAL EQUATIONS

- Students interested in finance are recommended to include among their electives, MATH GR5010 INTRO TO THE MATH OF FINANCE, STAT GU4261 STATISTICAL METHODS IN FINANCE, and STAT GU4221 TIME SERIES ANALYSIS.
- Students interested in graduate study in mathematics or in statistics are recommended to take MATH GU4061 INTRO MODERN ANALYSIS I and MATH GU4062 INTRO MODERN ANALYSIS II.
- Students preparing for a career in actuarial science are encouraged to replace STAT GU4205 LINEAR REGRESSION MODELS with STAT GU4282 Linear Regression and Time Series Methods, and to take among their electives STAT GU4281 Theory of Interest.

MAJOR IN POLITICAL SCIENCE–STATISTICS

The interdepartmental major of political science–statistics is designed for students who desire an understanding of political science to pursue advanced study in this field and who also wish to have at their command a broad range of sophisticated statistical tools to analyze data related to social science and public policy research.

Students should be aware of the rules regarding the use of the Pass/D/Fail option. Courses in which a grade of D has been received do not count toward the major requirements.

Political science–statistics students are eligible for all prizes reserved for political science majors.

The political science–statistics major requires a minimum of 15 courses in political science, statistics, and mathematics, to be distributed as follows:

Political Science

Students must choose a primary subfield to study. Within the subfield, students must take a minimum of three courses, including the subfield's introductory course. The subfields and their corresponding introductory courses are as follows:

American Politics:

POLS UN1201	INTRO TO AMERICAN POLITICS
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Comparative Politics:

POLS UN1501	INTRO TO COMPARATIVE POLITICS
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International Relations:

POLS UN1601	INTERNATIONAL POLITICS
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Political Theory:

POLS UN1101	POLITICAL THEORY I
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Additionally, students must take a 4-point seminar in their primary subfield.

Research Methods

Students must take the following two research methods courses:

POLS GU4710	PRINC OF QUANT POL RESEARCH 1
or POLS UN3704	RESEARCH DESIGN: DATA ANALYSIS
POLS GU4712	PRINC OF QUANT POL RESEARCH 2

Statistics

Select one of the following two sequences.

Sequence recommended for students preparing for graduate study in statistics.

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN2010	LINEAR ALGEBRA
STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4206	STAT COMP # INTRO DATA SCIENCE

Students taking the first track may replace the Mathematics prerequisites with both of MATH UN1207 and MATH UN1208

or

Sequence recommend for students preparing to apply statistical methods in the social sciences.

STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN2102	Applied Statistical Computing
STAT UN2103	APPLIED LINEAR REG ANALYSIS
STAT UN2104	APPL CATEGORICAL DATA ANALYSIS
STAT UN3105	APPLIED STATISTICAL METHODS
STAT UN3106	APPLIED MACHINE LEARNING

Statistics elective:

Students must take an approved elective in a statistics or a quantitatively oriented course in a social science.

INTRODUCTORY COURSES

Students interested in statistical concepts, but who do not anticipate undertaking statistical analyses, should take STAT UN1001 Introduction to Statistical Reasoning. Students seeking an introduction to applied statistics or preparing for the concentration should take STAT UN1101 Introduction to Statistics (without calculus). Students seeking a foundation for further study of probability theory and statistical theory and methods should take STAT UN1201 Calculus-based Introduction to Statistics. Students seeking a one-semester calculus-based survey should take STAT GU4001 Introduction to Probability and Statistics. The undergraduate seminar STAT

UN1202 features faculty lectures prepared with undergraduates in mind; students may attend without registering.

STAT UN1001 INTRO TO STATISTICAL REASONING. 3.00 points.

A friendly introduction to statistical concepts and reasoning with emphasis on developing statistical intuition rather than on mathematical rigor. Topics include design of experiments, descriptive statistics, correlation and regression, probability, chance variability, sampling, chance models, and tests of significance

Fall 2022: STAT UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1001	001/13776	T Th 10:10am - 11:25am 209 Havemeyer Hall	Guy Cohen	3.00	105/110
STAT 1001	002/13777	M W 6:10pm - 7:25pm 402 Chandler	Musa Elbulok	3.00	53/86
STAT 1001	003/16024	M W 10:10am - 11:25am 903 School Of Social Work	Shaw-Hwa Lo	3.00	9/86

Spring 2023: STAT UN1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1001	001/14229	T Th 10:10am - 11:25am 520 Mathematics Building	Pratyay Datta	3.00	20/35
STAT 1001	002/14230	T Th 10:10am - 11:25am 207 Mathematics Building	Guy Cohen	3.00	112/150
STAT 1001	003/14231	M W 6:10pm - 7:25pm 602 Hamilton Hall	Ha Nguyen	3.00	61/86

STAT UN1010 Statistical Thinking For Data Science. 4.00 points.

CC/GS: Partial Fulfillment of Science Requirement

The advent of large scale data collection and the computer power to analyze the data has led to the emergence of a new discipline known as Data Science. Data Scientists in all sectors analyze data to derive business insights, find solutions to societal challenges, and predict outcomes with potentially high impact. The goal of this course is to provide the student with a rigorous understanding of the statistical thinking behind the fundamental techniques of statistical analysis used by data scientists. The student will learn how to apply these techniques to data, understand why they work and how to use the analysis results to make informed decisions. The student will gain this understanding in the classroom and through the analysis of real-world data in the lab using the programming language Python. The student will learn the fundamentals of Python and how to write and run code to apply the statistical concepts taught in the classroom

Spring 2023: STAT UN1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1010	001/14232	M W 1:10pm - 2:25pm 602 Hamilton Hall	Anthony Donoghue	4.00	38/86
STAT 1010	001/14232	W 2:40pm - 3:55pm 717 Hamilton Hall	Anthony Donoghue	4.00	38/86

STAT UN1101 INTRODUCTION TO STATISTICS. 3.00 points.

Prerequisites: intermediate high school algebra. Designed for students in fields that emphasize quantitative methods. Graphical and numerical summaries, probability, theory of sampling distributions, linear regression, analysis of variance, confidence intervals and hypothesis testing. Quantitative reasoning and data analysis. Practical experience with statistical software. Illustrations are taken from a variety of fields. Data-collection/analysis project with emphasis on study designs is part of the coursework requirement

Fall 2022: STAT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1101	001/13778	M W 8:40am - 9:55am 517 Hamilton Hall	Alexander Clark	3.00	65/86
STAT 1101	002/13779	M W 11:40am - 12:55pm 717 Hamilton Hall	Alex Pijyan	3.00	79/86
STAT 1101	003/13780	T Th 6:10pm - 7:25pm 702 Hamilton Hall	David Rios	3.00	48/86

Spring 2023: STAT UN1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1101	001/14555	M W 8:40am - 9:55am 312 Mathematics Building	Alexander Clark	3.00	75/86
STAT 1101	002/14556	T Th 10:10am - 11:25am 402 Chandler	Wayne Lee	3.00	68/86
STAT 1101	003/14558	M W 7:40pm - 8:55pm 602 Hamilton Hall	Ronald Neath	3.00	71/86

STAT UN1201 CALC-BASED INTRO TO STATISTICS. 3.00 points.

Prerequisites: one semester of calculus. Designed for students who desire a strong grounding in statistical concepts with a greater degree of mathematical rigor than in STAT W1111. Random variables, probability distributions, pdf, cdf, mean, variance, correlation, conditional distribution, conditional mean and conditional variance, law of iterated expectations, normal, chi-square, F and t distributions, law of large numbers, central limit theorem, parameter estimation, unbiasedness, consistency, efficiency, hypothesis testing, p-value, confidence intervals, maximum likelihood estimation. Serves as the pre-requisite for ECON W3412

Fall 2022: STAT UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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STAT 1201	001/13781	T Th 10:10am - 11:25am 602 Hamilton Hall	Joyce Robbins	3.00	84/86
STAT 1201	002/13782	M W 6:10pm - 7:25pm 517 Hamilton Hall	Johannes Wiesel	3.00	67/86
STAT 1201	003/13783	M W 10:10am - 11:25am 517 Hamilton Hall	Dobrin Marchev	3.00	74/86
STAT 1201	004/13784	T Th 2:40pm - 3:55pm 517 Hamilton Hall	Chenyang Zhong	3.00	64/86

Spring 2023: STAT UN1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1201	001/14233	M W 10:10am - 11:25am 602 Hamilton Hall	Philip Protter	3.00	56/86
STAT 1201	002/14234	M W 8:40am - 9:55am 602 Hamilton Hall	Banu Baydil	3.00	61/86
STAT 1201	003/14235	T Th 10:10am - 11:25am 602 Hamilton Hall	Joyce Robbins	3.00	89/86
STAT 1201	004/14236	M W 6:10pm - 7:25pm 702 Hamilton Hall	Alex Pijyan	3.00	78/86

STAT UN1202 UNDERGRADUATE SEM/STATISTICS. 1.00 point.

Prerequisites: Previous or concurrent enrollment in a course in statistics would make the talks more accessible. Prepared with undergraduates majoring in quantitative disciplines in mind, the presentations in this colloquium focus on the interface between data analysis, computation, and theory in interdisciplinary research. Meetings are open to all undergraduates, whether registered or not. Presenters are drawn from the faculty of department in Arts and Sciences, Engineering, Public Health and Medicine

Fall 2022: STAT UN1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1202	001/13785	F 10:10am - 12:00pm 308a Lewisohn Hall	Ronald Neath	1.00	20/25

STAT GU4001 INTRODUCTION TO PROBABILITY AND STATISTICS. 3.00 points.

Prerequisites: Calculus through multiple integration and infinite sums. A calculus-based tour of the fundamentals of probability theory and statistical inference. Probability models, random variables, useful distributions, conditioning, expectations, law of large numbers, central limit theorem, point and confidence interval estimation, hypothesis tests, linear regression. This course replaces SIEO 4150

Fall 2022: STAT GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4001	001/13791	T Th 1:10pm - 2:25pm 207 Mathematics Building	Banu Baydil	3.00	113/152

Spring 2023: STAT GU4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4001	001/14242	M W 6:10pm - 7:25pm 209 Havemeyer Hall	Isabella Sanders	3.00	62/86
STAT 4001	002/14243	T Th 6:10pm - 7:25pm 402 Chandler	Carsten Chong	3.00	57/86

APPLIED STATISTICS CONCENTRATION COURSES

The applied statistics sequence, together with an introductory course, forms the concentration in applied statistics. STAT UN2102 Applied statistical computing may be used to satisfy the computing requirement for the major, and the other concentration courses may be used to satisfy the elective requirements for the major. (Students who sat STAT GU4205 Linear Regression for the major would find that they have covered essentially all of the material in STAT UN2103 Applied Linear Regression Analysis.

STAT UN2102 Applied Statistical Computing. 3.00 points.

Corequisites: An introductory course in statistic (STAT UN1101 is recommended).

Corequisites: An introductory course in statistic (STAT UN1101 is recommended). This course is an introduction to R programming. After learning basic programming component, such as defining variables and vectors, and learning different data structures in R, students will, via project-based assignments, study more advanced topics, such as conditionals, modular programming, and data visualization. Students will also learn the fundamental concepts in computational complexity, and will practice writing reports based on their data analyses

Fall 2022: STAT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2102	001/13786	T Th 4:10pm - 5:25pm 614 Schermerhorn Hall	Anthony Donoghue	3.00	66/120

Spring 2023: STAT UN2102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2102	001/14237	T Th 4:10pm - 5:25pm 402 Chandler	Alex Pijyan	3.00	83/125

STAT UN2103 APPLIED LINEAR REG ANALYSIS. 3.00 points.

Prerequisites: An introductory course in statistics (STAT UN1101 is recommended). Students without programming experience in R might find STAT UN2102 very helpful. Develops critical thinking and data analysis skills for regression analysis in science and policy settings. Simple and multiple linear regression, non-linear and logistic models, random-effects models. Implementation in a statistical package. Emphasis on real-world examples and on planning, proposing, implementing, and reporting

Fall 2022: STAT UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2103	001/13787	M W 2:40pm - 3:55pm 702 Hamilton Hall	Wayne Lee	3.00	23/86

Spring 2023: STAT UN2103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2103	001/14238	M W 6:10pm - 7:25pm 903 School Of Social Work	Daniel Rabinowitz	3.00	41/45

STAT UN2104 APPL CATEGORICAL DATA ANALYSIS.

3.00 points.

Prerequisites: STAT UN2103 is strongly recommended.

Students without programming experience in R might find STAT UN2102 very helpful.

Prerequisites: STAT UN2103 is strongly recommended.

Students without programming experience in R might find STAT UN2102 very helpful. This course covers statistical models and methods for analyzing and drawing inferences for problems involving categorical data. The goals are familiarity and understanding of a substantial and integrated body of statistical methods that are used for such problems, experience in analyzing data using these methods, and proficiency in communicating the results of such methods, and the ability to critically evaluate the use of such methods. Topics include binomial proportions, two-way and three-way contingency tables, logistic regression, log-linear models for large multi-way contingency tables, graphical methods. The statistical package R will be used

Spring 2023: STAT UN2104

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2104	001/14239	M W 8:40am - 9:55am 413 Kent Hall	Ronald Neath	3.00	48/60

STAT UN3105 APPLIED STATISTICAL METHODS. 3.00 points.

Prerequisites: At least one, and preferably both, of STAT UN2103 and UN2104 are strongly recommended. Students without programming experience in R might find STAT UN2102 very helpful.

Prerequisites: At least one, and preferably both, of STAT UN2103 and UN2104 are strongly recommended. Students without programming experience in R might find STAT UN2102 very helpful. This course is intended to give students practical experience with statistical methods beyond linear regression and categorical data analysis. The focus will be on understanding the uses and limitations of models, not the mathematical foundations for the methods. Topics that may be covered include random and mixed-effects models, classical non-parametric techniques, the statistical theory causality, sample survey design, multi-level models, generalized linear regression, generalized estimating equations and over-dispersion, survival analysis including the Kaplan-Meier estimator, log-rank statistics, and the Cox proportional hazards

regression model. Power calculations and proposal and report writing will be discussed

Fall 2022: STAT UN3105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3105	001/13788	T Th 11:40am - 12:55pm 702 Hamilton Hall	David Rios	3.00	37/86

STAT UN3106 APPLIED MACHINE LEARNING. 3.00 points.

Prerequisites: STAT UN2103. Students without programming experience in R might find STAT UN2102 very helpful.

Prerequisites: STAT UN2103. Students without programming experience in R might find STAT UN2102 very helpful.

This course is a machine learning class from an application perspective. We will cover topics including data-based prediction, classification, specific classification methods (such as logistic regression and random forests), and basics of neural networks. Programming in homeworks will require R

Spring 2023: STAT UN3106

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3106	001/14240	T Th 2:40pm - 3:55pm 703 Hamilton Hall	Gabriel Young	3.00	44/45

FOUNDATION COURSES

The calculus-based foundation courses for the core of the statistics major. These courses are GU4203 Probability Theory, GU4204 Statistical Inference, GU4205 Linear Regression, GU4206 Statistical Computing and Introduction to Data Science, and GU4207 Elementary Stochastic processes. Ideally, students would take Probability theory or the equivalent before taking either Statistical Inference or Elementary Stochastic Processes, and would have taken Statistical Inference before, or at least concurrently with taking Linear Regression Analysis, and would have taken Linear Regression analysis before, or at least concurrently, with taking the computing and data science course. A semester of calculus should be taken before Probability, additional semesters of calculus are recommended before Statistical Inference, and a course in linear algebra before Linear Regression is strongly recommended. For the more advanced electives in stochastic processes, Probability Theory is an essential prerequisite, and many students would benefit from taking Elementary Stochastic Processes, too. Linear Regression and the computing and data science course should be taken before the advanced electives in machine learning and data science. Linear Regression is a strongly recommended prerequisite, or at least co-requisite, for the remaining advanced statistical electives.

STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4206	STAT COMP # INTRO DATA SCIENCE

STAT GU4207

ELEMENTARY STOCHASTIC PROCESS

ADVANCED STATISTICS COURSES

Advanced statistics courses combine theory with methods and practical experience in data analysis. Undergraduates enrolling in advanced statistics courses would be well-advised to have completed STAT GU4203 (Probability Theory), GU4204 (Statistical Inference), and GU4205 (Linear Regression).

STAT GU4221 TIME SERIES ANALYSIS. 3.00 points.

Prerequisites: STAT GU4205 or the equivalent. Least squares smoothing and prediction, linear systems, Fourier analysis, and spectral estimation. Impulse response and transfer function. Fourier series, the fast Fourier transform, autocorrelation function, and spectral density. Univariate Box-Jenkins modeling and forecasting. Emphasis on applications. Examples from the physical sciences, social sciences, and business. Computing is an integral part of the course

Fall 2022: STAT GU4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4221	001/13803	M W 2:40pm - 3:55pm 301 Pupin Laboratories	Rongning Wu	3.00	11/35

Spring 2023: STAT GU4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4221	001/14253	T Th 6:10pm - 7:25pm 301 Uris Hall	Gabriel Young	3.00	14/25

STAT GU4222 NONPARAMETRIC STATISTICS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: STAT GU4204 or the equivalent.

Prerequisites: STAT GU4204 or the equivalent. Statistical inference without parametric model assumption. Hypothesis testing using ranks, permutations, and order statistics.

Nonparametric analogs of analysis of variance. Non-parametric regression, smoothing and model selection

Spring 2023: STAT GU4222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4222	001/14254	T Th 4:10pm - 5:25pm 614 Schermerhorn Hall	Arian Maleki	3.00	4/25

STAT GU4223 MULTIVARIATE STAT INFERENCE. 3.00 points.

Prerequisites: STAT GU4205 or the equivalent.

Prerequisites: STAT GU4205 or the equivalent. Multivariate normal distribution, multivariate regression and classification; canonical correlation; graphical models and Bayesian networks; principal components and other models for factor analysis; SVD; discriminant analysis; cluster analysis

STAT GU4224 BAYESIAN STATISTICS. 3.00 points.

Prerequisites: STAT GU4204 or the equivalent.

This course introduces the Bayesian paradigm for statistical inference. Topics covered include prior and posterior distributions: conjugate priors, informative and non-informative priors; one- and two-sample problems; models for normal data, models for binary data, Bayesian linear models; Bayesian computation: MCMC algorithms, the Gibbs sampler; hierarchical models; hypothesis testing, Bayes factors, model selection; use of statistical software. Prerequisites: A course in the theory of statistical inference, such as STAT GU4204 or a course in statistical modeling and data analysis, such as STAT GU4205

Fall 2022: STAT GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4224	001/13804	M W 6:10pm - 7:25pm 501 Schermerhorn Hall	Ronald Neath	3.00	22/35

Spring 2023: STAT GU4224

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4224	001/15243	M W 6:10pm - 7:25pm 501 Schermerhorn Hall	Dobrin Marchev	3.00	6/25

STAT GU4231 SURVIVAL ANALYSIS. 3.00 points.

Prerequisites: STAT GU4205 or the equivalent.

Prerequisites: STAT GU4205 or the equivalent. Survival distributions, types of censored data, estimation for various survival models, nonparametric estimation of survival distributions, the proportional hazard and accelerated lifetime models for regression analysis with failure-time data. Extensive use of the computer

Spring 2023: STAT GU4231

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4231	001/14256	F 1:10pm - 3:40pm 903 School Of Social Work	Zhiliang Ying	3.00	0/25

STAT GU4232 GENERALIZED LINEAR MODELS. 3.00 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: STAT GU4205 or the equivalent.

Prerequisites: STAT GU4205 or the equivalent. Statistical methods for rates and proportions, ordered and nominal categorical responses, contingency tables, odds-ratios, exact inference, logistic regression, Poisson regression, generalized linear models

Spring 2023: STAT GU4232

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4232	001/14257	T Th 2:40pm - 3:55pm 312 Mathematics Building	Michael Sobel	3.00	1/25

STAT GU4233 Multilevel Models. 3 points.

Prerequisites: STAT GU4205 or the equivalent.

Theory and practice, including model-checking, for random and mixed-effects models (also called hierarchical, multi-level models). Extensive use of the computer to analyse data.

STAT GU4234 SAMPLE SURVEYS. 3.00 points.

Prerequisites: STAT GU4204 or the equivalent. Introductory course on the design and analysis of sample surveys. How sample surveys are conducted, why the designs are used, how to analyze survey results, and how to derive from first principles the standard results and their generalizations. Examples from public health, social work, opinion polling, and other topics of interest

Spring 2023: STAT GU4234

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4234	001/14258	M W 2:40pm - 3:55pm 142 Uris Hall	Rongning Wu	3.00	3/7

STAT GU4241 STATISTICAL MACHINE LEARNING. 3.00 points.

Prerequisites: STAT GU4206.

Prerequisites: STAT GU4206. The course will provide an introduction to Machine Learning and its core models and algorithms. The aim of the course is to provide students of statistics with detailed knowledge of how Machine Learning methods work and how statistical models can be brought to bear in computer systems - not only to analyze large data sets, but to let computers perform tasks that traditional methods of computer science are unable to address. Examples range from speech recognition and text analysis through bioinformatics and medical diagnosis. This course provides a first introduction to the statistical methods and mathematical concepts which make such technologies possible

Spring 2023: STAT GU4241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4241	001/14259	T Th 2:40pm - 3:55pm 903 School Of Social Work	Banu Baydil	3.00	10/20

STAT GU4261 STATISTICAL METHODS IN FINANCE. 3.00 points.

Prerequisites: STAT GU4205 or the equivalent. A fast-paced introduction to statistical methods used in quantitative finance. Financial applications and statistical methodologies are intertwined in all lectures. Topics include regression analysis and applications to the Capital Asset Pricing Model and multifactor pricing models, principal components and multivariate analysis, smoothing techniques and estimation of yield curves statistical methods for financial time series, value at risk, term structure models and fixed income research, and estimation and modeling of volatilities. Hands-on experience with financial data

Fall 2022: STAT GU4261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4261	001/13806	Sa 10:10am - 12:40pm 301 Uris Hall	Zhiliang Ying	3.00	12/25

Spring 2023: STAT GU4261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4261	001/14261	F 10:10am - 12:40pm 301 Uris Hall	Hammou El Barmi	3.00	12/25

STAT GU4263 STAT INF/TIME-SERIES MODELLING.**3.00 points.**

Prerequisites: STAT GU4204 or the equivalent. STAT GU4205 is recommended. Modeling and inference for random processes, from natural sciences to finance and economics. ARMA, ARCH, GARCH and nonlinear models, parameter estimation, prediction and filtering. This is a core course in the MS program in mathematical finance

Fall 2022: STAT GU4263

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4263	001/13808	T Th 6:10pm - 7:25pm 301 Uris Hall	Gokce Dayanikli	3.00	1/35
STAT 4263	002/13809	Sa 10:10am - 12:40pm 203 Mathematics Building	Franz Rembart	3.00	0/35

STAT GU4291 ADVANCED DATA ANALYSIS. 3.00**points.**

Prerequisites: STAT GU4205 and at least one statistics course numbered between GU4221 and GU4261. This is a course on getting the most out of data. The emphasis will be on hands-on experience, involving case studies with real data and using common statistical packages. The course covers, at a very high level, exploratory data analysis, model formulation, goodness of fit testing, and other standard and non-standard statistical procedures, including linear regression, analysis of variance, nonlinear regression, generalized linear models, survival analysis, time series analysis, and modern regression methods. Students will be expected to propose a data set of their choice for use as case study material

Fall 2022: STAT GU4291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4291	001/13812	F 6:10pm - 8:40pm 417 International Affairs Bldg	Demissie Alemayehu	3.00	8/25

Spring 2023: STAT GU4291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4291	001/14263	F 6:10pm - 8:55pm 417 International Affairs Bldg	David Rios	3.00	4/25

ACTUARIAL SCIENCES COURSES

Only students preparing for a career in actuarial sciences should consider the courses in this section. Such students may also be interested in courses offered through the School of Professional Studies M.S. Program in Actuarial Science, but must check with the academic advisors in their schools to know whether they are allowed to register for those courses. Students majoring in statistics and preparing for a career in actuarial science may take STAT GU4282 (Regression and Time Series Analysis) in place of the major requirement STAT GU4205 (Linear Regression Analysis).

STAT GU4281	Theory of Interest
STAT GU4282	Linear Regression and Time Series Methods

ADVANCED DATA SCIENCE COURSES

In response to the ever growing importance of "big data" in scientific and policy endeavors, the last few years have seen an explosive growth in theory, methods, and applications at the interface between computer science and statistics. The Department offers a sequence that begins with the core course STAT GU4206 (Statistical Computing and Introduction to Data Science) and continues with the advanced electives GU4241 (Statistical Machine Learning) and GU4242 (Advanced Machine Learning), and also the advanced elective STAT GU4243 (Applied Data Science). Undergraduate students without experience in programming would likely benefit from taking the statistical computing and data science course before attempting GU4241, GU4242, or GU4243.

STAT GU4241	STATISTICAL MACHINE LEARNING
STAT GU4242	Advanced Machine Learning
STAT GU4243	APPLIED DATA SCIENCE
STAT GU4702	Exploratory Data Analysis and Visualization

ADVANCED STOCHASTIC PROCESSES COURSES

The stochastic processes electives in this section have STAT GU4203 (Probability Theory) or the equivalent as prerequisites. Most students would also benefit from taking STAT GU4207 (Elementary Stochastic Processes) before embarking on the more advanced stochastic processes electives.

STAT GU4262	Stochastic Processes for Finance
STAT GU4264	STOCHASTIC PROCESSES-APPLIED I
STAT GU4265	STOCHASTIC METHODS IN FINANCE

SUSTAINABLE DEVELOPMENT

Departmental Office: The Earth Institute, Columbia Climate School, Hogan, B-Level; <http://sdev.ei.columbia.edu>

Co-Directors of Undergraduate Studies:

Ruth DeFries, 212-851-1647; rd2402@columbia.edu

Jason Smerdon, 845-365-8493; jsmerdon@ldeo.columbia.edu

Program Administrators:

Sylvia Montijo, sm4084@columbia.edu

Sustainable development is founded on the premise that human well-being should advance without irreparable harm to ecosystems and the vital services they provide, without depleting essential resources, and without posing risks to future generations. The term "sustainable" refers to managing the world's economy in a manner consistent with the continued healthy functioning of Earth's ecosystems, oceans, atmosphere and climate. In this context, "development" refers to continued social, political, and economic progress aimed at improving the well-being of the global community, especially for the poorest people.

ACADEMIC PROGRAMS

The Earth Institute—in collaboration with Columbia College, the School of General Studies, the School of International and Public Affairs, and the Departments of Earth and Environmental Science; Ecology, Evolution, and Environmental Biology; and Earth and Environmental Engineering—offers a major and a special concentration in sustainable development.

These programs are designed to: engage students in this emergent interdisciplinary discussion, provide knowledge of the theory and practice of sustainable development, stimulate a critical examination of historical and conceptual antecedents, provide experience in the complex challenges of sustainable development through direct engagement, and help them imagine alternative futures for our rapidly changing world. With help from the Earth Institute faculty, courses are specifically created to address the very real and complex issues of development as they relate to the interactions of the natural and social systems.

The major focuses heavily on the sciences and provides students with a working knowledge of issues on a range of interacting subject areas. After declaring the major, students are assigned an academic adviser from within the Earth Institute, who advises on class selection and career development. Students benefit from a support system of faculty, advisers, and program managers, and have access to the multitude of resources for internships, study abroad programs, and career development.

The special concentration is intentionally more flexible, but its structure allows students to benefit from the cross-disciplinary courses and to build the expertise to allow them to address the fundamental issue of how to move towards a trajectory of sustainability.

The sustainable development program is structured to ensure that students graduate with the skills and knowledge to enable them to advance professionally in the public, private, governmental, and nonprofit sectors, and to pursue advanced degrees. Those interested in sustainable development are encouraged to participate in lectures, conferences, and other programs sponsored by the Earth Institute.

GRADING

A letter grade of C- or better is needed in all program-related courses in order to satisfy the program requirements.

SUSTAINABLE DEVELOPMENT FACULTY

Susana Adamo (Center for International Earth Information Network)

Satyajit Bose (School of International and Public Affairs)

Steve Cohen (The Earth Institute; School of International and Public Affairs)

Lisa Dale (The Earth Institute; Ecology, Evolution, and Environmental Biology)

Ruth DeFries (Ecology, Evolution, and Environmental Biology) (Co-Director)

Paul Gallay (Ecology, Evolution and Environmental Biology)

Francesco Fiondella (International Research Institute for Climate and Society)

Michael Gerrard (Center for Climate Change Law and Columbia Law School)

Adela Gondek (Ecology, Evolution and Environmental Biology)

Radley Horton (Center for Climate Systems Research)

Joyce Klein-Rosenthal (The Earth Institute)

Jacqueline Klopp (The Earth Institute)

Upmanu Lall (Columbia Water Center; International Research Institute for Climate and Society)

Kytt McManus (Center for International Earth Science Information Network)

Rachel Moresky (Population and Family Health)

John Mutter (Earth and Environmental Sciences; School of International and Public Affairs)

Linda Pistolesi (Center for International Earth Science Information Network)

Jason Smerdon (Lamont-Doherty Earth Observatory) (Co-Director)

Martin Stute (Lamont-Doherty Earth Observatory)

Phil Weinberg (Ecology, Evolution and Environmental Biology)

MAJOR IN SUSTAINABLE DEVELOPMENT

The sustainable development foundation courses should be taken first and students should then work with the program adviser on further course selection and sequencing.

The major in sustainable development requires a minimum of 15 courses and a practicum as follows:

Sustainable Development Foundation

SDEV UN1900	INTRO TO SUSTAINABLE DEVPT SEM
SDEV UN2300	CHALLENGES OF SUSTAINABLE DEV
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

Basic Disciplinary Foundation

Select one of the following science sequences. NOTE: Associated labs are required for Physics and Environmental Biology sequence.

CHEM UN1403 - CHEM UN1404	GENERAL CHEMISTRY I-LECTU and GENERAL CHEMISTRY II-LECTURES
EEEB UN2001 - EEEB UN2002	ENVIRONMENTAL BIOLOGY I and ENVIRONMENTAL BIOLOGY II (EESC UN2310 is a co-requisite with EEEB UN2002)
EESC UN1600 - EESC UN2100	EARTH RESOURCES # SUSTAIN DEV and EARTH'S ENVIRO SYST: CLIM SYST
EESC UN1600 - EESC UN2200	EARTH RESOURCES # SUSTAIN DEV and EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN1600 - EESC UN2300	EARTH RESOURCES # SUSTAIN DEV and EARTH'S ENVIRO SYST: LIFE SYST (EESC UN2310 is co-requisite with EESC UN2300)

EESC UN2100 - EESC UN2200	EARTH'S ENVIRO SYST: CLIM SYST and EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2100 - EESC UN2300	EARTH'S ENVIRO SYST: CLIM SYST and EARTH'S ENVIRO SYST: LIFE SYST (EESC UN2310 is co-requisite with EESC UN2300)
EESC UN2200 - EESC UN2300	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH and EARTH'S ENVIRO SYST: LIFE SYST (EESC UN2310 is co-requisite with EESC UN2300)
PHYS UN1201 - PHYS UN1202	GENERAL PHYSICS I and GENERAL PHYSICS II (LABS PHYS 1291 and PHYS 1292 also required)
Select two of the following social science courses:	
ANTH UN1002	THE INTERPRETATION OF CULTURE
ANTH UN1003	The Environment
ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
ANTH BC2427	ANTHROPOLOGY OF CLIMATE CHANGE
ECON UN1105	PRINCIPLES OF ECONOMICS
HIST UN2222	NATURE # POWER: ENV HIST NORTH AMERICA
POLS UN1201	INTRO TO AMERICAN POLITICS (Students can take POLS 1201 or SDEV 2050)
POLS UN1501	INTRO TO COMPARATIVE POLITICS (Students can take POLS 1501 OR POLS 1601)
POLS UN1601	INTERNATIONAL POLITICS
SDEV UN2000	INTRO TO ENVIRONMENTAL LAW
SDEV UN2050	ENVIRONMENTAL POLICY AND GOVERNANCE
SDEV UN3400	HUMAN POPULATIONS # SDEV
SOCI UN1000	THE SOCIAL WORLD
Select one of the following quantitative foundations courses:	
EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
STAT UN1201	CALC-BASED INTRO TO STATISTICS
MATH UN2015	Linear Algebra and Probability (This course is approved as a quantitative foundations course starting Fall 2022. This course replaces MATH UN2010 Linear Algebra as an option for this requirement.)

STAT UN2103	APPLIED LINEAR REG ANALYSIS
STAT UN3105	APPLIED STATISTICAL METHODS
STAT UN3106	APPLIED MACHINE LEARNING
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4207	ELEMENTARY STOCHASTIC PROCESS

Analysis and Solutions to Complex Problems

Select two of the following courses:

ANTH BC3932	CLIM CHNG/GLOBAL MIGR/HUM RGT
CIEE E3260	ENGINEERING FOR COMMUNITY DEVELOPMENT
EAEE W4304	Closing the carbon cycle
ECIA W4100	MGMT # DEVPT OF WATER SYSTEMS
EEEB G4135	Urban Ecology and Design
EESC BC3032	Agricultural and Urban Land Use: Human-Environment Interactions
EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
HIST UN3712	African Climate and History
HIST GU4811	Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond
PUBH UN3100	FUNDAMENTALS OF GLOBAL HEALTH
PUBH GU4200	Environment, Health, and Justice: Concepts and Practice
SDEV UN3330	Ecological and Social Systems for Sustainable Development
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3360	DISASTERS AND DEVELOPMENT
SDEV UN3366	ENERGY LAW
SDEV UN3410	Cities # Sustainability
URBS UN3565	Cities in Developing Countries: Problems and Prospects
SDEV GU4250	CLIMATE CHANGE: RESILIENCE # ADAPTATION

The Summer Ecosystems Experience for Undergraduates (SEE-U) *

Skills/Actions

Select two of the following courses:

EAEE E4257	ENVIR DATA ANALYSIS # MODELING
EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
EESC BC3050	BIG DATA WITH PYTHON

SDEV UN2320	ECON # FIN MTHDS FOR SDEV
SDEV UN3390	GIS FOR SUSTAINABLE DEVELOPMNT
SDEV UN3450	SPATIAL ANALYSIS FOR SDEV
SOCI UN3010	METHODS FOR SOCIAL RESEARCH
SUMA PS4100	Sustainability Management
SDEV GU4101	QUAL RESEARCH METHODS SDEV

SDEV GU4240 Science Communication

The Summer Ecosystems Experience for Undergraduates (SEE-U) *

Practicum

Select one of the following courses:

SDEV GU4550	The New York City Watershed: From Community Displacement to Collaboration and Climate Adaptation
INAF U4420	Oil, Rights and Development
SDEV UN3998	SUPERVISED INDIVIDUAL RESEARCH
SUMA PS4310	Practicum in Innovation Sustainability Leadership

SUMA PS4734 Earth Institute Practicum**Electives**

Select two courses from the following areas. Courses can be combined across Areas 2-5 only. If you select Area 1, you must complete two thesis courses and these will fulfill the elective requirement:

Area 1: Senior Thesis Sequence (EESC BC3800/ EESC BC3801 and EESC UN3901) **

Area 2: Upper level courses from the approved electives list (see link in footnotes to access list) ***

Area 3: Additional courses listed under Analysis and Solutions to Complex Problem

Area 4: Additional courses listed under Skills/Actions

Area 5

SDEV UN3310	ETHICS OF SUSTAINABLE DEVPT
SDEV GU4050	US WATER # ENERGY POLICY
SDEV GU4350	PUBLIC LANDS IN THE AMERICAN WEST

Capstone Workshop

SDEV UN3280	WORKSHOP IN SUSTAINABLE DEVPT
SDEV UN3550	BANGLADSH:LIFE-TECT ACTV DELTA

*

The Summer Ecosystem Experiences for Undergraduates (SEE-U): Please note that students in the major or the special concentration who take SEE-U as a 6-point course can use 3 points towards the Complex Problems requirement and 3 points towards the Skills/Action requirement. If SEE-U is taken for 3 points, it can only count as one Complex Problems class.

**

If choosing the senior thesis option to fulfill the elective requirements, students must take both courses in the senior thesis sequence.

For a full list of previously approved electives, please visit the sustainable development program website: <http://sdev.ei.columbia.edu/curriculum/major/>.

Note:

Please visit the Sustainable Development website for requirements: Majors: <http://sdev.ei.columbia.edu/curriculum/major/>

SPECIAL CONCENTRATION IN SUSTAINABLE DEVELOPMENT

In addition to the requirements of the special concentration, students must complete a major or a full concentration.

The sustainable development foundation courses should be taken first and students should then work with the program adviser on further course selection and sequencing.

The special concentration in sustainable development requires a minimum of 9 courses and a practicum as follows:

Sustainable Development Foundation

SDEV UN1900	INTRO TO SUSTAINABLE DEVPT SEM
SDEV UN2300	CHALLENGES OF SUSTAINABLE DEV
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

Natural Science Systems

Select one of the following courses. NOTE: Associated labs are required for Physics and Environmental Biology sequence.

CHEM UN1403	GENERAL CHEMISTRY I-LECTU
EEEB UN1001	Biodiversity
EEEB UN2002	ENVIRONMENTAL BIOLOGY II (EESC UN2310 is co-requisite with EEBB UN2002)
EESC UN1003	Climate and Society: Case Studies
EESC UN1011	Earth: Origin, Evolution, Processes, Future
EESC UN1030	OCEANOGRAPHY
EESC UN1201	Environmental Risks and Disasters

EESC UN1600	EARTH RESOURCES # SUSTAIN DEV
EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST (EESC UN2310 is co-requisite with EESC UN2300)
PHYS UN1201 - PHYS UN1291	GENERAL PHYSICS I and GENERAL PHYSICS I LAB

Human Science Systems

Select one of the following courses:

ANTH UN1002	THE INTERPRETATION OF CULTURE
ANTH UN1003	The Environment
ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
ANTH BC2427	ANTHROPOLOGY OF CLIMATE CHANGE
ECON UN1105	PRINCIPLES OF ECONOMICS
HIST UN2222	NATURE # POWER: ENV HIST NORTH AMERICA
POLS UN1201	INTRO TO AMERICAN POLITICS (Students can take POLS 1201 OR SDEV 2050)
POLS UN1501	INTRO TO COMPARATIVE POLITICS (Students can take POLS 1501 OR POLS 1601)
POLS UN1601	INTERNATIONAL POLITICS
SDEV UN2000	INTRO TO ENVIRONMENTAL LAW
SDEV UN2050	ENVIRONMENTAL POLICY AND GOVERNANCE
SDEV UN3400	HUMAN POPULATIONS # SDEV
SOCI UN1000	THE SOCIAL WORLD

Analysis and Solutions to Complex Problems

Select two of the following courses:

ANTH BC3932	CLIM CHNG/GLOBAL MIGR/HUM RGT
CIEE E3260	ENGINEERING FOR COMMUNITY DEVELOPMENT
EAEE W4304	Closing the carbon cycle
ECIA W4100	MGMT # DEVPT OF WATER SYSTEMS
EEEB G4135	Urban Ecology and Design
EESC BC3032	Agricultural and Urban Land Use: Human-Environment Interactions
EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
HIST GU4811	Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond

PUBH UN3100	FUNDAMENTALS OF GLOBAL HEALTH
PUBH GU4200	Environment, Health, and Justice: Concepts and Practice
SDEV UN3330	Ecological and Social Systems for Sustainable Development
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3360	DISASTERS AND DEVELOPMENT
SDEV UN3366	ENERGY LAW
SDEV UN3410	Cities # Sustainability
URBS UN3565	Cities in Developing Countries: Problems and Prospects

The Summer Ecosystem Experiences for Undergraduates (SEE-U) *

Skills/Actions

Select one of the following courses:

EAEE E4257	ENVIR DATA ANALYSIS # MODELING
EESC BC3050	BIG DATA WITH PYTHON
EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
SDEV UN2320	ECON # FIN MTHDS FOR SDEV
SDEV UN3390	GIS FOR SUSTAINABLE DEVELOPMNT
SDEV UN3450	SPATIAL ANALYSIS FOR SDEV
SDEV GU4101	QUAL RESEARCH METHODS SDEV
SDEV GU4240	Science Communication
SUMA PS4100	Sustainability Management
SOCI UN3010	METHODS FOR SOCIAL RESEARCH

The Summer Ecosystem Experiences for Undergraduates (SEE-U) *

Practicum

Select one of the following courses:

SDEV GU4550	The New York City Watershed: From Community Displacement to Collaboration and Climate Adaptation
INAF U4420	Oil, Rights and Development
SDEV UN3998	SUPERVISED INDIVIDUAL RESEARCH
SUMA PS4310	Practicum in Innovation Sustainability Leadership
SUMA PS4734	Earth Institute Practicum

Capstone Workshop

SDEV UN3280	WORKSHOP IN SUSTAINABLE DEVPT
SDEV UN3550	BANGLADSH:LIFE-TECT ACTV DELTA

*

The Summer Ecosystem Experiences for Undergraduates (SEE-U): Please note that students in the major or the special concentration who take SEE-U as a 6-point course can use 3 points towards the Complex Problems requirement and 3 points towards the Skills/Action requirement. If SEE-U is taken for 3 points, it can only count as one Complex Problems class.

Note:

Sustainable Development Website for Special Concentrators: <http://sdev.ei.columbia.edu/curriculum/special-concentration/>

SDEV UN1900 INTRO TO SUSTAINABLE DEVPT SEM. 1.00 Point.

The course is designed to be a free flowing discussion of the principals of sustainable development and the scope of this emerging discipline. This course will also serve to introduce the students to the requirements of the undergraduate program in sustainable development and the content of the required courses in both the special concentration and the major. The focus will be on the breadth of subject matter, the multidisciplinary nature of the scholarship and familiarity with the other key courses in the program. Offered in the Fall and Spring

Term	Section	Call Number	Instructor	Times/Location
Fall 2022	001	11976	Jason Smerdon	T 11:40am - 12:55pm Aud Earl Hall

SDEV UN2000 INTRO TO ENVIRONMENTAL LAW. 3.00 Points.

The course provides an overview of environmental law for students without a legal background. It examines U.S. statutes and regulations regarding air, water, hazardous and toxic materials, land use, climate change, endangered species, and the like, as well as international environmental issues. After completing the course students should be equipped to understand how the environmental laws operate, the role of the courts, international treaties and government agencies in implementing environmental protection, and techniques used in addressing these issues

Term	Section	Call Number	Instructor	Times/Location
Spring 2023	001	13752	Philip Weinberg	M W 10:10am - 11:25am 140 Uris Hall

SDEV UN2050 ENVIRONMENTAL POLICY AND GOVERNANCE. 3.00 Points.

Sustainability is a powerful framework for thinking about business, economics, politics and environmental impacts. An overview course, Environmental Policy # Governance will focus specifically on the policy elements of sustainability. With an emphasis on the American political system, the course will begin by exploring the way the American bureaucracy addresses environmental challenges. We will then use the foundations established through our understanding of the US system to study sustainable governance at the international level. With both US and international perspectives in place,

we will then address a range of specific sustainability issues including land use, climate change, food and agriculture, air quality, water quality, and energy. Over the course of the semester, we will study current events through the lens of sustainability policy to help illustrate course concepts and theories

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11992	Lisa Dale	M W 10:10am - 11:25am 304 Hamilton Hall

SDEV UN2300 CHALLENGES OF SUSTAINABLE DEV. 3.00 Points.

This course provides an introduction to the field of sustainable development, drawing primarily from social science and policy studies. It offers a critical examination of the concept of sustainable development, showing how factors like economics, population, culture, politics and inequality complicate its goals. Students will learn how different social science disciplines (political science, demography, economics, geography, history, law, and sociology) approach challenges of sustainable development across a variety of topics (fisheries, climate change, air pollution, consumption, energy, conservation, and water management). The course provides students with some of the fundamental concepts, vocabulary, and analytical tools to pursue and think critically about sustainable development. Offered in the Spring

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	13753	Lisa Dale	T Th 10:10am - 11:25am 142 Uris Hall

SDEV UN2320 ECON # FIN MTHDS FOR SDEV. 3.00 Points.

Prerequisites: Principles of Economics and one semester of calculus. The objective of this course is to introduce students to the skills and methods necessary to understand and evaluate the economic and financial aspects of sustainable development. Throughout the course, students will compare competing objectives and policies through the prism of economic # financial reasoning. Environmental economics and finance are broad areas covering all the multi-faceted and complex interactions between the economic system and the natural environment. Financial markets are the primary source of signals used to direct economic activity in a capitalist global economy. Economic activity is the primary determinant of the quality and sustainability of the natural environment. Students interested in sustainable development who are unfamiliar with economics and who do not develop a facility with economic and financial concepts are severely handicapped in their efforts to increase the level of environmental responsibility embedded in economic activity. This course is intended to provide students with a flying introduction to key analytical concepts required to understand topics in environmental economics and finance and to introduce them to selected topics within the field. The first part of the course (the Analytical Toolbox) is designed

to provide a set of portable skills for two sets of students: a) those who will work in fields specifically devoted to sustainable development who, as part of their work, will need to engage with sources of economic # financial information and with discourses where sustainable development is not a focus; and b) students who may end up following careers in organizations where sustainability is not the primary objective. The topics and readings in the second part of the course were chosen to facilitate a critical engagement with the broad intellectual framework underlying sustainable development from the perspective of economics and finance. The topics are intended to create a community of intellectual discourse on sustainable development that will spill over beyond the classroom to the conversations of students and alumni that will far outlive graduation. Offered in the Fall

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11977	Satyajit Bose	M W 4:10pm - 5:25pm 401 Chandler

SDEV UN3280 WORKSHOP IN SUSTAINABLE DEVPT. 4.00 Points.

Open to sustainable development seniors only.

The upper level undergraduate Sustainable Development Workshop will be modeled on client based graduate-level workshops, but with more time devoted to methods of applied policy analysis and issues in Sustainable Development. The heart of the course is the group project on an issue of sustainable development with a faculty advisor providing guidance and ultimately grading student performance. Students would receive instruction on methodology, group work, communication and the context of policy analysis. Much of the reading in the course would be project-specific and identified by the student research teams. Offered in Fall and Spring. For registration issues contact Cari Shimkus (cshimkus@ei.columbia.edu)

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11978	Joyce Klein Rosenthal	M W 2:10pm - 4:00pm 304 Hamilton Hall
Fall 2022	002	11979	Radley Horton	T Th 12:10pm - 2:00pm 318 Hamilton Hall
Spring 2023	001	13754	Jenna Lawrence	M W 2:10pm - 4:00pm 327 Uris Hall
Spring 2023	002	13755	Radley Horton	T Th 12:10pm - 2:00pm 301m Fayerweather

SDEV UN3310 ETHICS OF SUSTAINABLE DEVPT. 3.00 Points.

Aiming to improve human conditions within many diverse environments, sustainable development seeks to create, increase and perpetuate benefit and to cease, rectify and reverse harm.

Sustainable development is consequently inextricable from the fabric of ethics, woven with determinations of benefit and harm to the existence and well-being of both humans and nonhumans. Underlying such determinations are those of self- and other-regarding motivation and behavior; and underlying these are still others, of sensitivity and rationality in decision-making, whether individual, social or public. Sustainable development is interlaced with and contingent upon all these determinations, at once prescriptive and judgmental, which can be called the ethics of sustainable development. This course is divided into four main sections, of which two are intended to show the ethical fallacies of unsustainable development, and two, the ethical pathways of sustainable development. The first section focuses upon ethically problematic basic assumptions, including human (species) hegemony, happy (hedonic) materialism, and selective (data) denial. The second focuses upon ethically problematic ensuing rationalizations, including those pertaining to damages, victims, consequences and situations of climatic, chemical, biological and ecological harm. The third section responds to these rationalizations with ethically vital considerations of earth justice, environmental justice, culturally-based ethics, and sector-based ethics (water, food, place and climate ethics). Finally, the fourth section responds to the initial, longstanding problematic assumptions with a newly emergent ethical paradigm, comprising biotic wholeness, environmental integrity and the deliberative zero-goal. Tying all sections together is the central theme: to be sustainable, development must be ethical. Reflecting the collaborative quality of the field of sustainable development, the course extends to readings whose authors have all pursued their work at intersections of science and ethics, environment and ethics, policy and ethics, business and ethics, and sustainable development and ethics

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	13756	Adela Gondek	T Th 1:10pm - 2:25pm 644 Seeley W. Mudd Building

SDEV UN3330 Ecological and Social Systems for Sustainable Development. 3 Points.

Prerequisites: SDEV UN2300 Challenges of Sustainable Development and EESC UN2330 Science for Sustainable Development.

The course focuses on basic principles in understanding ecological and social relationships and then focuses on three current topics central to Sustainable Development for in-depth study. Examples of topics to be covered are: conservation of biodiversity, payments for ecosystem services, and the ecology of food production. The emphasis will be on the multiple perspectives— environmental, social and economic—required to understand and develop solutions to problems in sustainable development. These topics will undoubtedly vary from year to year, as the course keeps pace with current topics.

SDEV UN3355 CLIMATE CHANGE AND LAW. 3.00 Points.

Enrollment limited to 15.

The purpose of this course is to provide students with a broad introduction to the field of climate law in the United States and at the international level. The course begins with an overview of the causes and effects of global climate change and the methods available to control and adapt to it. We then examine the negotiation, implementation and current status of the United Nations Framework Convention on Climate Change, the Kyoto Protocol, and the Copenhagen Accord. The focus then turns to the past and proposed actions of the U.S. Congress, the executive branch and the courts, as well as regional, state and municipal efforts. The Clean Air Act, the National Environmental Policy Act and the Endangered Species Act will receive special attention. We evaluate the various legal tools that are available to address climate change, including cap-and-trade schemes; carbon taxation; command-and-control regulation; litigation; securities disclosures; and voluntary action. The roles of energy efficiency, renewable energy sources, carbon capture and sequestration, and forestry and agriculture each receive close attention. Implications for international human rights, international trade, environmental justice, and international and intergenerational equity are discussed. The course concludes with examination of the special challenges posed by China; proposals for adaptation and geoengineering; and business opportunities and the role of lawyers. Offered in the Spring

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	13757	Michael Gerrard	M W 2:50pm - 4:10pm 106 Jerome L Greene Hall

SDEV UN3360 DISASTERS AND DEVELOPMENT. 3.00 Points.

Prerequisites: *EESC 2330; SDEV W2300.*

Prerequisites: EESC 2330; SDEV W2300. Human welfare status is very unevenly distributed throughout the globe - some of us live very comfortable lives, others remain in desperate poverty showing little progress away from their condition. Between are countries that are rapidly developing and converging toward the welfare of the richest. At all levels of economic development human activities place significant pressure on the environment and threatens all of Earth's vital functions and support systems for human life. This challenge requires timely responses based on solid understanding of the human/environment interface, technological and economic approaches to mitigate adverse effects on the environment, and routes to understanding the complex dynamics of the coupled human/natural systems that can chart a pathway to improvement in the lives of the poorest and continued well-being for those who have achieved prosperity without forcing natural systems into decline or massive fluctuation. This course offers undergraduate students, for the first time, a comprehensive course on the link between natural disaster

events and human development at all levels of welfare. It explores the role that natural disasters might have and have had in modulating development prospects. Any student seriously interested in sustainable development, especially in light of climate change, must study the nature of extreme events - their causes, global distribution and likelihood of future change. This course will cover not only the nature of extreme events, including earthquakes, hurricanes, floods and droughts but also their transformation into disaster through social processes. It will ultimately help students to understand the link between such extreme events, the economic/social shock they represent and development outcomes. The course will combine careful analysis of the natural and social systems dynamics that give rise to disasters and examine through group learning case studies from the many disasters that have occurred in the first decade of the 21st century. Offered in the Spring (odd years only)

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11980	John Mutter, Sonali Deraniyagala	M W 6:10pm - 7:25pm 407 Mathematics Building

SDEV UN3366 ENERGY LAW. 3.00 Points.

This course concerns the regulation of energy, energy resources, and energy facilities. Among the topics will be the regulation of rates and services; the roles of the Federal Energy Regulatory Commission and the state public utility commissions; and the interaction with environmental law. Attention will be devoted to energy resources (such as oil, natural gas and coal) and to generating, transmission and distribution facilities. The current and future roles of renewable energy, energy efficiency, and nuclear energy will receive special attention, as will the regulation and deregulation of electricity

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11981	Michael Gerrard	T 4:20pm - 6:10pm 303 Hamilton Hall

SDEV UN3390 GIS FOR SUSTAINABLE DEVELOPMNT. 3.00 Points.

This course is designed to provide students with a comprehensive overview of theoretical concepts underlying GIS systems and to give students a strong set of practical skills to use GIS for sustainable development research. Geographic Information Systems (GIS) are a system of computer software, data and analysis methods used to create, store, manage, digital information that allow us to create maps and dynamic models to analyze the physical and social processes of the world. Through a mixture of lectures, readings, focused discussions, and hands-on exercises, students will acquire an understanding of the variety and structure of spatial data and databases, gain knowledge of the principles behind raster and vector based spatial analysis, and learn basic cartographic

principles for producing maps that effectively communicate a message. Student will also learn to use newly emerging web based mapping tools such as Google Earth, Google Maps and similar tools to develop on-line interactive maps and graphics. The use of other geospatial technologies such as the Global Positioning System will also be explored in this class. Case studies examined in class will draw examples from a wide ranges of GIS applications developed to assist in the development, implementation and evaluation of sustainable development projects and programs. On completion of the course, students will: 1. use a variety of GIS software programs to create maps and reports; 2. develop a sound knowledge of methods to search, obtain, and evaluate a wide variety of spatial data resources; 3. develop skills needed to determine best practices for managing spatial data resources; 4. use GIS to analyze the economic, social and environmental processes underlying the concept of building a sustainable world; 5. Gain an understanding of the limits of these technologies and make assessments of uncertainty associated with spatial data and spatial analysis models. Offered in the fall and spring

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11982	Kytt MacManus	M 10:10am - 11:25am 253 Engineering Terrace
Fall 2022	001	11982	Kytt MacManus	W 10:10am - 12:25pm 253 Engineering Terrace
Spring 2023	001	13759	Linda Pistolesi	T 10:10am - 11:25am 252 Engineering Terrace
Spring 2023	001	13759	Linda Pistolesi	Th 10:10am - 12:25pm 252 Engineering Terrace

SDEV UN3400 HUMAN POPULATIONS # SDEV. 3.00 Points.

Population processes and their outcomes in terms of population size and distribution have a fundamental role in sustainable development and also broad policy implications. This course will introduce students to the scientific study of human populations as a contribution toward understanding social structure, relations, and dynamics, as well as society-nature interactions. The aim is to offer a basic introduction to the main theories, concepts, measures, and uses of demography. The course will cover the issues of population size, distribution and composition, and consumption, at different scales from global to regional to local, as well as the implications for population-environment relationships. It will also address the fundamental demographic processes of mortality, fertility and migration, including their trends and transitions, We will consider these topics in the context of economic development, sustainability and cultural change. The course will also include an overview

of basic demographic techniques and tools used for identifying, managing, analyzing and interpreting population data, and an introduction to population projections. Lab sessions will supplement readings and lectures by enabling students to explore data sources, calculate rates, and graphically represent demographic data. Offered in the Fall (even years).

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11987	Susana Adamo	T Th 10:10am - 11:25am 415 Schapiro Cepser

SDEV UN3410 Cities # Sustainability. 3.00 Points.

In an increasingly urban world, sustainable development is not possible without achieving sustainability in cities. This course explores the challenges and opportunities of sustainable development policy-making at the urban level through the study of local efforts to address climate change, provide access to clean water, and develop renewable energy resources, among other topics. Students will gain a more detailed understanding of how cities' histories, land use patterns, and economies influence urban resource use, and how cities have attempted to change those impacts. Using case studies of local sustainability initiatives, students examine how a city's governance structure, political dynamics, and administrative capacity affect policy outcomes. Consideration of the equity implications of urban sustainability efforts is integral to the course

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	13760	Siobhan Watson	W 6:10pm - 8:00pm 317 Hamilton Hall

SDEV UN3450 SPATIAL ANALYSIS FOR SDEV. 3.00 Points.

Priority given to sustainable development senior and juniors.

This is an intermediate course in spatial modeling developed specifically for students in the Undergraduate Sustainable Development program. This course will provide a foundation for understanding a variety of issues related to spatial analysis and modeling. Students will explore the concepts, tools, and techniques of GIS modeling and review and critique modeling applications used for environmental planning and policy development. The course will also offer students the opportunity to design, build and evaluate their own spatial analysis models. The course will cover both vector and raster based methods of analysis with a strong focus on raster-based modeling. We will draw examples from a wide range of applications in such areas as modeling Land Use and Land Cover for biodiversity and conservation, hydrological modeling, and site suitability modeling. The course will consist of lectures, reading assignments, lab assignments, and a final project

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	13761	Kytt MacManus	M 10:10am - 11:25am 212a Lewisohn Hall
Spring 2023	001	13761	Kytt MacManus	W 10:10am - 12:25pm 328 Uris Hall
Spring 2023	001	13761	Kytt MacManus	W 1:10pm - 3:25pm Room TBA

SDEV UN3550 BANGLADSH:LIFE-TECT ACTV DELTA. 4.00 Points.

Open to sustainable development seniors only.

This course will explore the interaction of riverine processes, water and hydrology, sedimentary processes, tectonics, land subsidence and sea level rise, environmental issues, cultural setting, and sustainable development in the world's largest delta. The course will explore both the hazards and resources for life in this dynamic environment through lectures, a field trip to Bangladesh during Spring Break and guest lecturers in earth and social sciences. During the field trip, we will be joined by Dhaka University professors and students, providing experience in cross-cultural collaboration, as well as translators to interviews and discussions with Bangladeshis. By the end of the course, students will develop a quantitative understanding of the multiple earth sciences issues. It will also provide a perspective on the mixture of competing earth science, social, historical and political issues that must be addressed in order to effectively address environmental issues. Students should acquire an ability to assess competing claims and projections for future environmental change

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	13762	Michael Steckler	T Th 2:10pm - 4:00pm 253 Engineering Terrace

SDEV UN3998 SUPERVISED INDIVIDUAL RESEARCH. 1.00-3.00 Points.

Sustainable development majors and special concentrators must register for this independent study to use internship hours for the practicum credit. Students must consult with their program adviser and department before registering. Offered fall, spring and summer

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11983	Adela Gondek	
Spring 2023	001	13763	Adela Gondek	

SDEV GU4015 Complexity Science. 3 Points.

The Complexity Course is a survey of techniques, applications, and implications of complexity science and complex systems. This course aims to be both an introduction for students from other fields, and a forum for continued discussion within the complexity community. Topics include systems dynamics,

chaos, scaling, fatted distributions, fractals, information theory, emergence, criticality, agentbased models, graph theory, and social networks.

SDEV GU4050 US WATER # ENERGY POLICY. 3.00 Points.

Course Summary: Water, one of humankind's first power sources, remains critically important to the task of maintaining a sustainable energy supply, in the United States and elsewhere. Conversely, the need to provide safe drinking water and keep America's rivers clean cannot be met without access to reliable energy supplies. As the impact of climate disruption and other resource constraints begins to mount, the water/energy nexus is growing increasingly complex and conflict-prone. Essential Connections begins by examining the development of America's water and energy policies over the past century and how such policies helped to shape present-day environmental law and regulation. Our focus then turns to the current state of US water and energy resources and policy, covering issues such as oil and gas exploration, nuclear energy, hydroelectric power and renewables. We also examine questions of inclusion and equity in connection with the ways in which communities allocate their water and energy resources and burdens along racial, ethnic and socioeconomic lines. The third and final section of the course addresses the prospects for establishing water and energy policies that can withstand climate disruption, scarcity and, perhaps most importantly, America's seemingly endless appetite for political dysfunction. By semester's end, students will better understand the state of America's energy and water supply systems and current efforts to cope with depletion, climate change and related threats affecting these critical, highly-interdependent systems. As a final project, students will utilize the knowledge gained during the semester to create specific proposals for preserving and enhancing the sustainability of US water and energy resources

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	13764	Paul Gallay	T 4:10pm - 6:00pm 308a Lewisohn Hall

SDEV GU4101 QUAL RESEARCH METHODS SDEV. 3.00 Points.

Students of sustainable development are faced with an array of global challenges that warrant scholarly inquiry. Social science questions are particularly well suited for qualitative research. This course will provide an overview of social science research methods, with a focus on building a toolkit for undergraduate students. We begin with an overview of the science of knowing. How do we generate scientific hypotheses in the social sciences, and then how can we find out whether those hypotheses are accurate? An exploration of a range of qualitative research methods will occupy the majority of our class time, including interviewing, case studies, questionnaires, surveys, coding, and participant observation. Toward the end of the course we consider how mixed methods allow for the integration of quantitative tools in the social

sciences. Throughout, students will both study and practice these research methods, experimenting to better understand the strengths and challenges associated with each approach. The course will end with poster presentations in which students share their own research and justify the methods they have employed

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	11989	Lisa Dale	M 12:10pm - 2:00pm 212d Lewisohn Hall

SDEV GU4250 CLIMATE CHANGE: RESILIENCE # ADAPTATION. 3.00 Points.

This course will offer a focused study of climate change adaptation policy, exploring dimensions of adaptation across sectors and scales. With a thematic focus on pervasive global inequities, students will also consider challenges associated with international development and disaster risk management. An inter-disciplinary framework will enrich the course, and students will learn about perspectives from the natural sciences, law, architecture, anthropology, humanitarian aid, and public policy. The online intensive version of this course will combine synchronous and asynchronous learning: twice weekly live discussion sessions will be matched with assigned readings, recorded lectures and videos

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	13765	Lisa Dale	M 12:10pm - 2:00pm 333 Uris Hall

SDEV GU4350 PUBLIC LANDS IN THE AMERICAN WEST. 3.00 Points.

The course fulfills the "complex problems" major requirement for the Undergraduate Program in Sustainable Development (UPSD). The American West is perhaps best known for the dramatic landscapes managed through a web of federal land management agencies. Indeed, western states have a land base that is at least 35% public, and competing interests vie for limited resources and navigate a complex bureaucracy. Less well understood are the dynamics that arise from the interactions among different land ownership categories: federal, state, and private. Working landscapes are essential pieces of the cultural heartbeat of the region. This course will focus on: 1) the history of western settlement, highlighting the ways in which early Westerners divided up the land base and allocated resources; 2) the agencies in charge of managing federal public land including the U.S. Forest Service, U.S. Bureau of Land Management, and U.S. Park Service; and 3) state and private land, with a particular interest in the State Land Board. We will explore the legal and regulatory framework that guides land-use decisions, and study enduring resource access conflicts. Pulling from both academic scholarship and the gray literature in political science, environmental sciences, law, and organizational behavior, this course provides an interdisciplinary overview of governance challenges in the American West. Academic Schedule The course will start

on Tuesday, May 31st and meet on Tuesdays/Wednesdays/Thursdays on Zoom (likely from 2-5 pm EST each day). The week of June 12th-19th the course will take place in the field in Colorado. The final week will be on Zoom on Tuesday, Wednesday Thursday, again likely from 2-5 pm EST each day. The course ends on Thursday, June 23rd. Modality The course will be offered in a hybrid format. The first two weeks and final (fourth) week of the class will be held entirely on Zoom. We will meet three times per week (Tues/Wed/Thurs) for three hours each session. Week three of the course (June 12-19) will be held in person in Colorado. There, we have the opportunity to visit a broad spectrum of land use types including federally managed forest and grasslands, protected parks, state land board parcels, and private ranches. Student will have some access to local leaders who will accompany us on various field trips to offer their perspectives. The class will participate in many kinds of field activities including hiking in federally designated Wilderness areas, visiting an oil and gas well on public lands, exploring an area recently burned by wildfire, and meeting with rural ranchers. To enroll in this course, you must apply to the Columbia Summer Field Course: Public Lands in the American West through the Center for Undergraduate Global Engagement (UGE)

SDEV GU4400 Sustainable Development in Sub-Saharan Africa: Exploring Rwanda. 4.00 Points.

This travel course will give students the opportunity to explore what sustainable development means in the context of Sub-Saharan Africa. Satisfying the workshop requirement for SDEV majors, the course is organized around two projects that students will tackle in teams. Ahead of traveling to Rwanda, three main activities will structure the course. First, students will learn about colonial history and current sustainable development efforts in Sub-Saharan Africa. Second, they will be organized into teams to pursue preliminary research on one of two projects. Third, they will be paired with an undergraduate student at the University of Rwanda and begin regular correspondence using WhatsApp. The travel week will be held over spring break. We will be based in the capitol city Kigali, with some in-country travel to explore beyond the urban core. Students will work in teams alongside their University of Rwanda peers to advance the goals of their project. When we return to the U.S., the final weeks of the class will be devoted to focused team work, as students complete their projects

Term	Section	Call Number	Instructor	Times/ Location
Spring 2023	001	14650	Lisa Dale	T 2:10pm - 4:00pm 522d Kent Hall

SDEV GU4420 Oil, Rights # Development. 1.00 Point.

The Simulation class has as its purpose to familiarize and inform the student participants with the real-life interests, objectives, constraints, working and strategies of the range of stakeholders concerned or engaged with a large natural resource development project (oil) in a developing and civil war torn country. It challenges the students, as members of pre-assigned teams with different goals and objectives, as well as

values, to seek ways to reconcile, to the extent possible, through discussion and negotiation the different and even conflicting interests, goals and strategies of the multiple stakeholders. These stakeholders include the governing parties, opposition parties, local and international NGOs, local and international media and think tanks, as well as two oil companies, including one from an authoritarian country, competing for the oil development contract

SDEV GU4550 The New York City Watershed: From Community Displacement to Collaboration and Climate Adaptation. 1.00 Point.

The New York City Watershed: From Community Displacement to Collaboration and Climate Adaptation brings students to the Catskill Mountains in upstate New York to learn first hand from researchers and practitioners who help supply over ten million New Yorkers with safe and abundant drinking water while also working to build social, economic and environmental capital in the towns and villages located in the watershed surrounding the city's reservoirs – all against a backdrop of increasing climate-related disruption. The class will learn how New York City and a coalition of upstate watershed communities worked to end nearly a century of mutual resentment, displacement and extraction by entering into the Watershed Agreement of 1997, which has become a widely renowned model for collaborative and equitable water resources management planning in the twenty-five years since its completion. Students will engage with several of the Watershed Agreement's original negotiators and with the local elected officials, agency staff and non-profit leaders who implement its signature "multi-barrier" strategy for drinking water protection through open space preservation, support for sustainable farming practices and investments in clean water infrastructure and sustainable economic growth in watershed communities. They will also learn how increases in storm intensity and warming driven by climate change threaten to upset the delicate balance between New York City's need for safe drinking water and the socio-economic interests of upstate watershed communities. Upon completion of the course, students will better understand the challenges involved in creating and implementing collaborative, multi-stakeholder plans for water resource management and host community benefits in today's increasingly climate-disrupted world

Term	Section	Call Number	Instructor	Times/ Location
Fall 2022	001	15094	Paul Gallay	

SDEV GU4600 SPECIAL TOPICS IN SDEV # CLIMATE. 3.00 Points.

A novel course on History of Soviet Climate Science aims to demonstrate the trajectory of development of this science in the context of cognitive and social history of Soviet science, its institutional landscape and impacts of individual scientists. Soviet climate science is considered as a part of global science with a significant knowledge circulations and participation in international organizations. The course embraces larger chronology that the Soviet period per se, it begins with the overview of geographic and environmental sciences in the

Russian Empire and ends with the discussion of climate policy and climate denialism in the 21th century Russia

OF RELATED INTEREST

Analysis of Climate and Earth Systems

EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
EESC GU4008	Introduction to Atmospheric Science
EESC GU4917	THE EARTH/HUMAN INTERACTIONS
EESC GR6901	Research Computing for the Earth Sciences

Disasters and Health

ANTH V3924	Anthropology and Disaster
ANTH V3971	Culture and Environmental Behavior
INAF U6760	Managing Risk in Natural and Other Disasters

Economics

ECON UN2257	THE GLOBAL ECONOMY
ECON BC3029	EMPIRICAL APPROACHES DEVLPMNT
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON GU4301	ECONOMIC GROWTH # DEVELOPMNT I
ECON GU4370	POLITICAL ECONOMY
ECON GU4500	INTERNATIONAL TRADE
ECON G4527	Economic Organization and Development of China
ECON W4625	Economics of the Environment
SUMA PS4190	ECONOMICS OF SUSTAINABILITY MANAGEMENT

Energy and Engineering

ANTH V3872	From Physics Labs to Oil Futures: Social Studies of Energy
INAF U6242	Energy Policy
INAF U8778	Distributed Energy Economics, Technology, and Policy
EAEE E3103	ENERGY, MINERALS, MATERIALS SYST
CIEE E4252	Foundations of Environmental Engineering
EAEE E4001	INDUST ECOLOGY-EARTH RESOURCES
EAEE E3900	UNDERGRAD RES-ENVIRONMTL ENGIN

Food, Health and Ecology

EEEB UN3087	CONSERVATION BIOLOGY
EEEB W4122	Fundamentals of Ecology and Evolution

EEEB GU4260	FOOD, ECOLOGY # GLOBALIZATION
HSPB W3950	Social History of American Public Health
PUBH GU4200	Environment, Health, and Justice: Concepts and Practice
SOCI V2230	Food and the Social Order
SUMA PS4235	The Science of Urban Ecology
SUMA PS 5030	Hungry City Workshop

Law, Policy and Human Rights

EEEB GU4321	HUM NATURE:DNA,RACE # IDENTITY
EEEB GU4700	RACE:TANGLED HIST-BIOL CONCEPT
ENVP U6236	Origins of Environmental Law: Regulation & Evolution
HIST W4400	Americans and the Natural World, 1800 to the Present
HRTS UN3001	INTRODUCTION TO HUMAN RIGHTS
HRTS BC3850	HUMAN RIGHTS # PUBLIC HEALTH
POLS BC3805	*Colloquium on International Organization
INAF U4545	Contemporary Diplomacy
INAF U6243	International Environmental Policy
JWST G4610	Environment and Sustainability in Israel â€œ Between the Local and the Regional
SCNC W3010	Science, technology and society
SDEV UN3310	ETHICS OF SUSTAINABLE DEVPT
SDEV GU4350	PUBLIC LANDS IN THE AMERICAN WEST
SOCI UN3020	Social Statistics
SOCI UN3235	SOCIAL MOVEMENTS
SOCI UN3324	Global Urbanism
SOCI UN3960	SEMINAR - PROBLEMS OF LAW # SOCIETY
POLS V3212	Environmental Politics
REGN U6639	Gender and Development in Southeast Asia
POLS UN3604	War, Peace, and International Interventions in Africa
POLS UN3690	International Law
CGTH UN3402	YOUTH-INTERCONNECTED WRLD

Urban Studies/Urbanization

URBS V3200	Spatial Analysis: GIS Methods and Urban Case Studies
URBS UN3565	Cities in Developing Countries: Problems and Prospects
PLAN A4579	Introduction to Environmental Planning
SUMA PS4130	Sustainable Cities

SUMA PS4330 Disaster Risk Management and Sustainable Urban Resilience

SUMA PS4490 Women in Cities: Integrating Needs, Rights, Access and Opportunity into Sustainable Urban Design, Planning and Management

Waste Management and Pollution

EAEE E4009 GIS-
RES,ENVIR,INFRASTRUCTR
MGT

EAEE E4150 AIR POLLUTION
PREVENTION/CONTR

EAEE E4160 SOLID # HAZARDOUS WASTE
MGMT

EAEE E4257 ENVIR DATA ANALYSIS #
MODELING

EESC BC3033 Waste Management

CIEE E3255 ENVIR CONTR/POLLUTN
REDUCT SYS

Water

EAEE E4350 PLANNG/MGT-URBAN
HYDROLGC SYST

EEEB W4110 Coastal and Estuarine Ecology

EEEB GU4195 MARINE CONSERVATION
ECOLOGY

ECIA W4100 MGMT # DEVPT OF WATER
SYSTEMS

CIEE E3250 HYDROSYSTEMS
ENGINEERING

CIEE E4163 SUSTAINABLE WATER
TREAT/REUSE

SDEV GU4050 US WATER # ENERGY POLICY

SUMA PS4145 Science of Sustainable Water

URBAN STUDIES

Urban Studies at Columbia

Columbia Adviser: Prof. Amy Chazkel; ac2227@columbia.edu

713 Milstein Learning Center
212-854-4073

Department Assistant: Valerie Coates

MISSION

The Barnard–Columbia Urban Studies program enables students to explore and understand the urban experience in all of its richness and complexity. It recognizes the city as an amalgam of diverse peoples and their social, political, economic, and cultural interactions within a distinctive built environment. Students study the evolution and variety of urban forms and governance structures, which create opportunities for, as well as constrain, the exercise of human agency, individual and collective. They explore the place of the city in different historical and comparative contexts, as well as in the human imagination.

Majors build an intellectual foundation that combines interdisciplinary coursework and a concentration of study within a single field. Through the two-semester junior colloquium, students study urban history and contemporary issues, and at the same time hone their interdisciplinary, analytical and research skills. This shared experience prepares them for their independent research project in their senior year. We encourage our majors to use New York City as a laboratory, and many courses draw on the vast resources of the city and include an off-campus experience.

STUDENT LEARNING OUTCOMES

Having successfully completed the major in Urban Studies, the student will be able to:

- Apply concepts or methods from more than one social science or adjacent discipline to analyze an urban issue or problem.
- Describe the distinctive social, cultural, and spatial features of cities and illustrate their impacts on the urban experience.
- Apply basic skills of empirical reasoning to an urban problem.
- Explain how the idea of the city varies in different historical and comparative contexts.
- Demonstrate familiarity with a particular disciplinary approach to the city as an object of study.
- Demonstrate understanding of the history and variety of urban forms and governance structures.
- Articulate a well-defined research question, conduct independent research using primary sources and a variety of theoretical and methodological approaches, and write a substantive research paper.
- Communicate ideas effectively in written or oral form.
- Organize and present group research projects.

Associate Director: Aaron Passell (Urban Studies)

Columbia College Advisor: Amy Chazkel, Bernard Hirschhorn Associate Professor of Urban Studies

General Studies Advisor: Aaron Passell, Associate Director (Urban Studies)

Urban Studies Faculty

Assistant Professors: Gergely Baics (History and Urban Studies), Deborah Becher (Sociology), Angela Simms (Sociology and Urban Studies), Nick R. Smith (Architecture and Urban Studies)

Associate Professors: Mary Rocco (Term, Urban Studies), Christian Siener (Term, Urban Studies), Chandler Miranda (Term, Urban Studies)

The Urban Studies **Advisory Committee** consults on matters of curriculum and program direction. For more information,

please consult the **Advisory Committee** web page on the program website

Major in Urban Studies

A minimum of 42 credits is required to complete the Urban Studies major. The major in Urban Studies is comprised of seven curricular requirements:

Requirement U: Introduction to Urban Studies (1 course)

URBS UN1515 INTRODUCTION TO URBAN STUDIES

Requirement A: Urban-Related Social Sciences (3 courses)

One course dealing primarily with urban subject matter from *each of three* of the following disciplines: Anthropology, Economics, History, Political Science, Sociology. For students declaring a major in Urban Studies after Spring 2018, one of the three courses *must* be History.

Each course should be chosen from the following disciplines: Anthropology, Economics, History, Political Science, Public Health, Sociology, or Urban Studies and be focused on urban issues. The three courses must be selected from three separate disciplines and they must appear on the Urban Studies approved list to fulfill the 'A' requirement for the major (if a course does not appear on the list that you believe should, please contact the Associate Director). Each course should also be taken with a different professor (i.e. you may not use two courses with the same professor to fulfill two of your A requirements). We recommend that you complete at least two of your three 'A' courses before taking the Junior Seminar, but this is not a hard requirement.

Requirement B: Urban-Related Non-Social Science (1 course)

One course dealing primarily with urban subject matter from a discipline not listed above (such as Architecture, Art History, English, Environmental Science, etc.)

Requirement C: Methods of Analysis (1 course)

One course in methods of analysis, such as URBS UN2200 INTRODUCTION TO GIS METHODS. Methods courses in related disciplines will also be considered for the requirement. Please consult the [program website](#) or the Associate Director

Requirement D: Specialization (5 courses)

Five or more courses in a specialization from one of the participating departments. Barnard College students can double-count one A, B, or C course toward this requirement (only one of five), with the approval of the Director; Columbia College and General Studies students cannot double-count courses. Barnard majors also have specific requirements for

each specialization, which are outlined in detail on the program website, urban.barnard.edu.

Requirement E: Junior Seminar (1 course)

We recommend that you complete at least two of your three 'A' courses before taking the Junior Seminar, but this is not a hard requirement.

URBS UN3545 JUNIOR SEMINAR IN URBAN STUDIES

Multiple sections of this course are taught each semester by various faculty on different topics. For more information, please consult the [program website](#) or the Associate Director.

Requirement F: Senior Seminar (2 courses)

An original senior thesis written in conjunction with a two-semester research seminar on a topic of your choice. Please consult with your Urban Studies advisor and choose from among:

URBS UN3992 SENIOR SEM IN URBAN STUDIES
URBS UN3993 SR SEM: BUILT ENVIRONMENT

URBS UN3994 SR SEM: NEW YORK FIELD
RSRCH URBS UN3995 Senior Seminar: New York Field Research

URBS UN3996 Senior Seminar: International Topics in Urban Studies
URBS UN3997 Senior Seminar: International Topics in Urban Studies

Students who, for some reason, will not be able to complete the Fall-Spring Senior Seminar sequence should consult with the Associate Director about alternatives.

A complete list and courses that fulfill requirements A–E can be found on the program's website, urban.barnard.edu.

Appropriate substitutions may be made for courses listed above with the approval of the Associate Director.

There is no minor in Urban Studies.

There is no concentration in Urban Studies.

URBS UN2200 INTRODUCTION TO GIS METHODS. 3.00 points.

Prerequisites: Must attend first class for instructor permission.

Prerequisites: Must attend first class for instructor permission.

Students create maps using ArcGIS software, analyze the physical and social processes presented in the digital model, and use the data to solve specific spatial analysis problems.

Note: this course fulfills the C requirement in Urban Studies

Fall 2022: URBS UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 2200	001/00161	T Th 10:10am - 11:25am 102 Milstein Center	Christian Siener	3.00	24/25

Spring 2023: URBS UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 2200	001/00088	T Th 10:10am - 11:25am 102 Milstein Center	Christian Siener	3.00	27/24

URBS UN1515 INTRODUCTION TO URBAN STUDIES. 3.00 points.

This course is intended to be both an interdisciplinary introduction to the city and to the field of Urban Studies. As an introduction to the city, the course will address a variety of questions: What is a city? How did cities develop? How do cities function socially, politically, and economically? Why do people live in cities? What are some of the major issues facing cities in the early twenty-first century, and how can cities address these issues? As an introduction to the interdisciplinary field of Urban Studies, the course will present models of how scholars approach cities from a variety of disciplinary viewpoints, including architecture, planning, law, sociology, history, archaeology, anthropology, political science, public policy, and geography. Students will learn some of the major concepts in the field of Urban Studies, and will study the works of leading scholars in the field. Students in the course will approach cities from a number of disciplines, not only through the reading, but also through assignments that take place in different locations throughout New York City

Fall 2022: URBS UN1515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 1515	001/00160	T Th 11:40am - 12:55pm 304 Barnard Hall	Aaron Passell	3.00	137/150

Spring 2023: URBS UN1515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 1515	001/00087	T Th 11:40am - 12:55pm 323 Milbank Hall	Claire Panetta	3.00	41/40

URBS UN3440 SHRINKING CITIES. 3.00 points.

While some cities thrive and struggle to house the global majority, others struggle with the effects of urban shrinkage—population loss, disinvestment and abandonment. The path to urban decline is paved by social, economic and spatial forces that result in shrinking cities. This class explores how to understand and engage with urban decline. It includes a consideration of sundry efforts to reverse, live with, and rethink urban decline in a variety of locales. The hope is that this exercise will shed light not only on iconic declining places like Detroit, but also on the nature of uneven development and how it is the rule rather than the anomalous exception within capitalist urbanization. Course materials draw on disciplines such as planning, economics, architecture, history and sociology to help understand urban decline and its outcomes from a variety of perspectives. Over the course of the semester, we will investigate larger processes—globalization, deindustrialization and socioeconomic change—to understand how cities and communities responded to the consequences of these forces. We will engage with the global literature on

shrinking cities but will be focused primarily on exploring the dynamics of shrinkage in US cities. To that end, following a wide-reaching examination of nation-wide phenomena, we will study in-depth a sample of cities to understand local and regional variations and responses. How do we treat cities that do not grow? Given the constrained or complete lack of resources in these places, to what extent should some cities be allowed to “die”? What is the impact on the residents that remain in these places?

Fall 2022: URBS UN3440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3440	001/00163	M W 11:40am - 12:55pm 903 Altschul Hall	Claire Panetta	3.00	27/35

URBS UN3545 JUNIOR SEMINAR IN URBAN STUDIES. 4.00 points.

Prerequisites: Non-majors admitted by permission of instructor. Students must attend first class. Enrollment limited to 16 students per section. General Education Requirement: Historical Studies.

Prerequisites: Non-majors admitted by permission of instructor. Students must attend first class. Enrollment limited to 16 students per section. Introduction to the historical process and social consequences of urban growth, from the middle of the nineteenth century to the present

Fall 2022: URBS UN3545

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3545	001/00165	T 4:10pm - 6:00pm 318 Milbank Hall	Nick Smith	4.00	6/16
URBS 3545	002/00166	T 4:10pm - 6:00pm 403 Barnard Hall	Mary Rocco	4.00	14/16
URBS 3545	003/00167	W 12:10pm - 2:00pm 227 Milbank Hall	Deborah Becher	4.00	8/16

URBS UN3480 From Homelessness to Foreclosure: NYC Geographies of Shelter and Home. 4 points.

This course will examine the social, political, and economic elements that have aligned in New York City to produce the most expansive infrastructure of homeless shelters in the United States, as well as ongoing changes in the city's homeless policy since the housing foreclosure crisis. While we will focus primarily on the past 30 to 40 years in New York City, we will consider the history of homelessness and housing in the United States since the Great Depression. Major themes will include criminalization, origin myths, and representations of people who are experiencing homelessness. Key questions will include: In what ways is the current geography of homelessness the result of historical patterns of racism and discrimination? How does studying homelessness provide insight into the ways urban spaces are made? Why have shelters become the primary public response to homelessness in New York? How are race and gender central to the project of building a shelter infrastructure in New York? How are shelters experienced by those living in them? What are some of the ways people living

in shelters organize to advocate for their rights and to resist mainstream representations?

URBS UN3992 SENIOR SEM IN URBAN STUDIES. 4.00 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Year-long course; participation is for two consecutive terms. No new students admitted for spring.

Prerequisites: Senior standing. Year-long course; participation is for two consecutive terms. No new students admitted for spring. Emphasizes the study of the built environment of cities and suburbs, and the related debates. Readings, class presentations, and written work culminate in major individual projects, under the supervision of faculty trained in architecture, urban design, or urban planning

Fall 2022: URBS UN3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3992 001/00169		W 4:10pm - 6:00pm 113 Milstein Center	Aaron Passell	4.00	11/12
URBS 3992 002/00170		W 4:10pm - 6:00pm 318 Milbank Hall	Claire Panetta	4.00	12/12
URBS 3992 003/00171		W 4:10pm - 6:00pm 323 Milbank Hall	Christian Siener	4.00	11/12

URBS UN3994 SR SEM: NEW YORK FIELD RSRCH. 4.00 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Year-long course; participation is for two consecutive terms. No new students admitted for spring.

Prerequisites: Senior standing. Year-long course; participation is for two consecutive terms. No new students admitted for spring. Using New York City as a research laboratory, under the guidance of the faculty coordinator, students clarify basic theoretical issues related to their chosen research problem; find ways of making a series of empirical questions operational; collect evidence to test hypotheses; analyze the data using a variety of social science techniques; and produce reports of basic findings

URBS UN3315 METROPOLITICS OF RACE # PLACE. 3.00 points.

Prerequisites: Students must attend first class.

This class explores how racism and racialized capitalism and politics shape the distribution of material resources among cities and suburbs in metropolitan areas and the racial and ethnic groups residing in them. Readings and discussion focus on the history of metropolitan area expansion and economic development, as well as contemporary social processes shaping racial and ethnic groups' access to high-quality public goods and private amenities. We address racial and ethnic groups' evolving political agendas in today's increasingly market-driven socio-political context, noting the roles of residents; federal, state, and local governments; market institutions and actors; urban planners, activist organizations, foundations,

and social scientists, among others. Here is a sample of specific topics: race/ethnicity and who "belongs" in what "place;" inequitable government and market investment across racial and ethnic communities over time and "sedimentation effects" (for example, the "redlining" of Black communities leading to their inability to access loan and credit markets and the resulting wealth gap between Blacks and Whites); gentrification processes; creating sufficient, sustainable tax bases; and suburban sprawl. Assignments will include two short response papers, mid-term and final exams, and another project to be determined

URBS UN3420 INTRODUCTION URBAN SOCIOLOGY. 3.00 points.

Prerequisites: Students must attend first class.

Prerequisites: Students must attend first class. Examines the diverse ways in which sociology has defined and studied cities, focusing on the people who live and work in the city, and the transformations U.S. cities are undergoing today. Sociological methods, including ethnography, survey research, quantitative studies, and participant observation will provide perspectives on key urban questions such as street life, race, immigration, globalization, conflict, and redevelopment

Spring 2023: URBS UN3420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3420 001/00090		T Th 11:40am - 12:55pm L1104 Diana Center	Aaron Passell	3.00	31/30

URBS UN3351 URBAN ELSEWHERE: EXPLORING A WORLD OF CITIES. 4.00 points.

We live in an increasingly urbanized world. But what does it mean to be "urban"? As urbanization reaches more corners of the globe, its forms and processes become increasingly diverse. Urban Elsewhere is dedicated to investigating this diversity and to exploring the implications that unfamiliar urban phenomena might have for how we understand urbanization—both elsewhere in the world and in our own backyards. Through a comparative engagement with case studies drawn from around the world, this course will challenge some of our most deeply held, common sense assumptions about urbanization. Students will be asked to stretch the conceptual limits of urbanization and explore the social and political possibilities of an expanded urbanism. In doing so, the course will engage with the many of the most heated theoretical debates about urbanization, equipping students with a set of comparative analytical tools with which to explore the wider field of urban studies

Fall 2022: URBS UN3351

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3351 001/00164		M W 2:40pm - 3:55pm L1103 Diana Center	Nick Smith	4.00	53/60

URBS UN3308 INTRO TO URBAN ETHNOGRAPHIES. 3.00 points.

Prerequisites: Students must attend first class.

What is ethnography and what makes ethnography “urban”? This course explores how social scientists use ethnography to analyze questions and dilemmas often associated with urban settings. We will combine close readings of ethnographies with field-based inquiry, including our own studies of urban public space. Through both our readings and our field exercises, we will focus on the methods at the heart of ethnography: observation and participant-observation. As we read other scholars’ work, we will ask how the author uses ethnographic tools to explore issues that are suitable for intensive fieldwork. We will assess which kinds of research problems and theoretical perspectives are a good fit with ethnography and the roles that ethnography can play in transdisciplinary research projects. You will apply what you have learned about research to design your own pilot fieldwork. The ethnographies that we read together will examine intersections of housing, race, and class in urban communities. You are welcome to extend this focus to your own fieldwork, but it’s not required to do so. This is a writing-intensive course, and we will devote a considerable portion of class time to workshop your individual projects

Fall 2022: URBS UN3308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3308	001/00798	W 4:10pm - 6:00pm 111 Milstein Center	Chandler Miranda	3.00	17/16

Spring 2023: URBS UN3308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3308	001/00089	M 2:10pm - 4:00pm 113 Milstein Center	Fawziyah Qadir	3.00	24/22

Cross-listed Courses

ARCH UN3502 URBANIZING CHINA. 4 points.

This course investigates the dramatic urban transformation that has taken place in mainland China over the last four decades. The speed and scale of this transformation have produced emergent new lifeways, settlement patterns, and land uses that increasingly blur the distinction between urban and rural areas. At the same time, Chinese society is still characterized by rigid, administrative divisions between the nation’s urban and rural sectors, with profound consequences for people’s lives and livelihoods. The course therefore examines the intersection between the rapid transformation of China’s built environment and the glacial transformation of its administrative categories. We will take an interdisciplinary approach to this investigation, using perspectives from architecture, history, geography, political science, anthropology, urban planning, and cultural studies, among other disciplines.

The course is divided into two parts: Over the first five weeks, we will consider the historical context of China’s urbanization and its urban-rural relations, including the imperial, colonial, and socialist periods, as well as the current period of reform. In the remainder of the semester, we will turn our focus to contemporary processes of urbanization, with a particular emphasis on the complex interrelationship between urban and rural China. This portion of the semester is organized into three

two-week units on land and planning, housing and demolition, and citizenship and personhood.

ARCH GU4300 The Just City: Global Debates in Urban Planning and Policy. 4.00 points.

Urbanization is inherently unequal, inscribing social, economic, environmental, and political unevenness into the spatial fabric of the city. But the distribution of such inequality is not inevitable. Urbanization is a product of the collective decisions we make (or choose not to make) in response to the shared challenges we face in our cities. And, thus, the patterns of urbanization can be changed. This is the task of urban planning and the starting point for this advanced seminar, which asks how we can reshape our cities to be more just—to alleviate inequality rather than compound it. In embarking on this effort, we face numerous “wicked” problems without clear-cut solutions. The approaches one takes in addressing urban inequality are therefore fundamentally normative—they are shaped by one’s place in the world and one’s view of it. The central challenge in addressing inequality is thus establishing a basis for collective action amongst diverse actors with differing—and sometimes conflicting—values and views. In other words, planning the just city a matter of both empathy and debate. In this course, we will endeavor to develop informed positions that can help us engage with others as a basis for taking collective action. The course is organized into four 3-week modules, each of which addresses a dimension of the just city: equity, democracy, diversity, and sustainability. In the first week of each module, we will discuss how the issue has been understood in history and theory (with an emphasis on tradeoffs between different priorities and values); in the second week, we will apply this discussion to a global case study prepared and presented by a team of students; and in the third week, we will hold an in-class debate to determine what should be done. Specific case studies vary each year

Fall 2022: ARCH GU4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 4300	001/00373	Th 2:10pm - 4:00pm 501 Diana Center	Nick Smith	4.00	14/16

HIST UN1786 History of the City in Latin America. 4.00 points.

This course covers the historical development of cities in Latin America. Readings, lectures, and discussion sections will examine the concentration of people in commercial and political centers from the beginnings of European colonization in the fifteenth century to the present day and will introduce contrasting approaches to the study of urban culture, politics, society, and the built environment. Central themes include the reciprocal relationships between growing urban areas and the countryside; changing power dynamics in modern Latin America, especially as they impacted the lives of cities’ nonelite majority populations; the legalities and politics of urban space; planned versus unplanned cities and the rise of informal economies; the way changing legal and political rights regimes have affected urban life; and the constant tension between tradition and progress through which urban

society was formed. There are no prerequisites for this course. Attendance at weekly Discussion Sections required

HIST UN3277 History of Urban Crime and Policing in Latin America in Global Perspective. 4 points.

This seminar will examine the social construction of criminality and the institutions that developed to impose and enforce the criminal law as reflections of Latin American society throughout the region's history, with a particular emphasis on the rise of police forces as the principal means of day-to-day urban governance. Topics include policing and urban slavery; policing the urban "underworld"; the changing cultural importance of police in urban popular culture; the growth of scientific policing methods, along with modern criminology and eugenics; policing and the enforcement of gender norms in urban public spaces; the role of urban policing in the rise of military governments in the twentieth century; organized crime; transitional justice and the contemporary question of the rule of law; and the transnational movement of ideas about and innovations in policing practice. In our readings and class discussions over the course of the semester, we will trace how professionalized, modern police forces took shape in cities across the region over time. This course actually begins, however, in the colonial period before there was anything that we would recognize as a modern, uniformed, state-run police force. We will thus have a broad perspective from which to analyze critically the role of police in the development of Latin American urban societies—in other words, to see the police in the contemporary era as contingent on complex historical processes, which we will seek to understand.

HIST GU4012 HISTORY OF THE CITY IN LATIN AMERICA. 4.00 points.

This course covers the historical development of cities in Latin America. Readings examine the concentration of people in commercial and political centers from the beginnings of European colonization in the sixteenth century to the present day and will introduce contrasting approaches to the study of urban culture, politics, society, and the built environment. Central themes include the reciprocal relationships between growing urban areas and the countryside; cities as sites of imperial power and their post-colonial role in nation-building; changing power dynamics in modern Latin America, especially as they impacted the lives of cities' nonelite majority populations; the legalities and politics of urban space; the complexity and historical development of urban segregation; the rise of informal economies; and the constant tension between tradition and progress through which urban societies have formed. Reading knowledge of Spanish and/or Portuguese will be helpful but is not required. Open to both undergraduate and graduate students; graduate students will be given additional reading and writing assignments

HIST UN2689 COLONIAL CITIES OF THE AMERICAS. 4.00 points.

This course examines the history of cities in the Americas in the colonial era, c. 1500-1800, organized around three large themes. First, we study the precolonial origins of American

urban systems, focusing especially on Mesoamerica and the Andes, and exploring questions of urban continuity, disruption and change, and the forms of indigenous cities. Second, we study various patterns of city foundations and city types across the Americas, examining Spanish, Portuguese, British, Dutch and French colonial urban systems. Third, we focus on the cities more closely by looking at key issues such as urban form, built environment, social structure. Specific themes include a critical analysis of the Spanish colonial grid, the baroque city, and 18th-century urban reforms, as well as race and class, urban slavery, and urban disease environments.

HIST BC3842 Subaltern Urbanism: South Asia. 3.00 points.

This course asks how spatial politics intersect with economic inequality and social difference. The course draws on the convergent yet distinct urban trajectories of cities in the global South (Bangalore; Bombay/Mumbai; Lahore; New Delhi; Dhaka) as an enabling location for exploring broader questions of comparative and global urbanism from an explicitly South-South perspective. That is, we ask how distinct yet connected urban forms might force us to alter our approaches to the city; approaches that are largely drawn from modular Euro-American paradigms for understanding urbanization as coeval with modernity, as well as industrialization. We do so in this seminar by focusing on people and practices—subaltern urbanity (and on those whose labor produced the modern city), as well as on spatial orders—the informal or unintended city—to ask the question: "what makes and unmakes a city?" How might questions about built form, industrialization, capital flows, and social life and inhabitation that takes the perspective of "city theory from the Global South" shed new understanding on the history of the city, the extranational frames of colonial modernity, and the ongoing impact of neoliberalism? How can we rethink critical concepts in urban studies (precarity, spatial segregation, subalternity, economies of eviction, urban dispossession) through embedded studies of locality and lifemaking?

URBS S1517 INTRODUCTION TO URBAN STUDIES. 3.00 points.

This course is intended to be both an interdisciplinary introduction to the city and to the field of Urban Studies. As an introduction to the city, the course will address a variety of questions: What is a city? How did cities develop? How do cities function socially, politically, and economically? Why do people live in cities? What are some of the major issues facing cities in the early twenty-first century, and how can cities address these issues? As an introduction to the interdisciplinary field of Urban Studies, the course will present models of how scholars approach cities from a variety of disciplinary viewpoints, including architecture, planning, law, sociology, history, archaeology, anthropology, political science, public policy, and geography. Students will learn some of the major concepts in the field of Urban Studies, and will study the works of leading scholars in the field. Students in the course will approach cities from a number of disciplines, not only through

the reading, but also through assignments that take place in different locations throughout New York City

VISUAL ARTS

Departmental Office: 310 Dodge; 212-854-4065
<http://arts.columbia.edu/visual-arts>

Director of Undergraduate Studies: Sable Elyse Smith,
 ss5501@columbia.edu

Director of Academic Administration: Laura Mosquera,
 lm3004@columbia.edu

Assistant Director of Academic Administration: Jen
 Pinargote, jennifer.pinargote@columbia.edu

The Visual Arts Program in the School of the Arts offers studio art classes as a component of a liberal arts education and as a means to an art major, concentration, and joint major with the Art History and Archaeology Department.

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

Only the first course a student takes in the department may be taken for a grade of Pass/D/Fail.

REGISTRATION

Please Note: Visual Arts courses will be closed during the change of program period the first two weeks of the spring semester. If you are interested in taking a Visual Arts class at that time, please add your name to the waitlist of the course and attend the first day of the class. If a Visual Arts class is full, visit arts.columbia.edu/undergraduate-visual-arts-program.

Due to the limited size of our classes and often high demand, you will lose your place in the class and be replaced if you are not present and on time the first two days.

DECLARING A MAJOR IN VISUAL ARTS

The Visual Arts Undergraduate Program requires a departmental signature when declaring a major. After meeting with their college academic adviser, students should set up a meeting to consult with the director of undergraduate studies, Professor Sable Elyse Smith (ss5501@columbia.edu). Please email Jen Pinargote, (jennifer.pinargote@columbia.edu) for the current Requirements Worksheet for the Visual Arts Major, Art History and Visual Arts Interdepartmental Major or Visual Arts Concentration.

PROFESSORS

Gregory Amenoff
 Jon Kessler
 Sarah Sze

Rirkrit Tiravanija
 Tomas Vu-Daniel

ASSOCIATE PROFESSORS

Matthew Buckingham
 Nicola López (Chair)
 Naeem Mohaiemen
 Shelly Silver

ASSISTANT PROFESSORS

David Antonio Cruz
 Delphine Fawundu (Director of Graduate Studies)
 Sable Elyse Smith

GUIDELINES FOR ALL VISUAL ARTS MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

A maximum of 12 credits from other degree-granting institutions may be counted toward the major, only with the approval of the director of undergraduate studies.

MAJOR IN VISUAL ARTS

A total of 35 points are required as follows:

Visual Arts (32 points)

VIAR UN1000	BASIC DRAWING (formerly VIAR R1001)
or VIAR UN1004	Basic Drawing - NYC as Muse
VIAR UN2300	SCULPTURE I
or VIAR UN2200	CERAMICS I

Five additional VIAR 3-point studio courses (15 points)

VIAR UN3800	SEM IN CONTEMP ART PRACTICE
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Senior Thesis consists of the following four courses:

VIAR UN3900 - VIAR UN3910	SENIOR THESIS I and VISITING CRITIC I (formerly VIAR R3901 and VIAR R3921)
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VIAR UN3901 - VIAR UN3911	SENIOR THESIS II and VISITING CRITIC II
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Art History (3 points)

One 20th-century Art History 3-point course or equivalent, such as:

AHIS UN2405	TWENTIETH CENTURY ART (formerly AHIS W3650)
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Senior Thesis

Before taking the Senior Thesis, majors are advised to complete 18 points of required Visual Arts courses. Senior Thesis consists of four 2-point courses taken over two semesters: VIAR UN3900 SENIOR THESIS I-VIAR UN3901 SENIOR THESIS II (4 points) and VIAR UN3910 VISITING CRITIC

I-VIAR UN3911 VISITING CRITIC II (4 points). (*Senior Thesis I* and *Visiting Critic I* run concurrently and *Senior Thesis II* and *Visiting Critic II* run concurrently).

Visual arts majors must sign up for a portfolio review to enroll in Senior Thesis. Portfolio reviews are scheduled in April preceding the semester for which students seek entry. Portfolios are evaluated by the director of undergraduate studies and a faculty committee. After each semester of Senior Thesis, a faculty committee evaluates the work and performance completed.

MAJOR IN ART HISTORY AND VISUAL ARTS

The combined major requires the completion of sixteen or seventeen courses. Up to two 3-point courses in art history may be replaced by a related course in another department, with approval of the adviser. It is recommended that students interested in this major begin the requirements in their sophomore year. The requirements for the major are as follows :

Art History (25 points)

AHIS UN3000	INTRO LIT/METHODS OF ART HIST (formerly VIAR W3895)
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Seven additional art history (AHIS) 3-point lecture courses:

At least one course in three of four historical periods, as listed below

An additional two courses drawn from at least two different world regions, as listed below

Two additional lectures of the student's choice

Visual Arts (21 points)

VIAR UN1000	BASIC DRAWING (formerly VIAR R1001)
or VIAR UN1004	Basic Drawing - NYC as Muse
VIAR UN2300	SCULPTURE I (formerly VIAR R3330)
or VIAR UN2200	CERAMICS I

Five additional VIAR 3-point studio courses (15 points)

In the senior year, students must complete either a seminar in the Department of Art History and Archaeology or a senior project in visual arts (pending approval by the Visual Arts Department).

Students electing the combined major should consult with the director of undergraduate studies in Visual Arts, as well as with the undergraduate program coordinator in the Art History and Archaeology Department.

NOTE: Chronological divisions are approximate. In case of ambiguities about course eligibility to fill the requirement, consult the director of undergraduate studies in Art History and Archaeology.

Historical Periods

- Ancient (up to 400 CE/AD)
- 400 - 1400
- 1400 - 1700
- 1700 - present

World Regions

- Africa
- Asia
- Europe, North America, Australia
- Latin America
- Middle East

CONCENTRATION IN VISUAL ARTS

A total of 21 points are required as follows:

Visual Arts (18 points)

VIAR UN1000	BASIC DRAWING (formerly VIAR R1001)
or VIAR UN1004	Basic Drawing - NYC as Muse
VIAR UN2300	SCULPTURE I (formerly VIAR R3330)
or VIAR UN2200	CERAMICS I

Four additional VIAR 3-point studio courses (12 points)

Art History (3 points)

One 20th-century Art History 3-point course or equivalent, such as:

AHIS UN2405	TWENTIETH CENTURY ART (formerly AHIS W3650)
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DRAWING

VIAR UN1000 BASIC DRAWING. 3.00 points.

(Formerly R1001) The fundamentals of visual vocabulary and handling of drawing materials including charcoal, compressed charcoal, pencil, pen, ink, and brushes. Various conceptual and practical approaches to image-making are explored as formal issues such as line, volume, contrast, and composition are emphasized. Class assignments are accompanied by discussions and critiques. Students draw largely from observation, working with a variety of sources that may include still-life objects and the human figure. Portfolio required at the end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1000	001/10816	M W 9:30am - 12:00pm 501 Dodge Building	Travis Fairclough	3.00	17/18
VIAR 1000	002/10817	M W 2:00pm - 4:30pm 501 Dodge Building	Augustus MacKenzie	3.00	20/18
VIAR 1000	003/10818	T 10:00am - 4:00pm 501 Dodge Building	Clintel Steed	3.00	18/18

Spring 2023: VIAR UN1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1000	002/12935	M W 1:00pm - 3:30pm 501 Dodge Building	Ye Yuan	3.00	18/18
VIAR 1000	003/12938	T Th 9:30am - 12:00pm 501 Dodge Building	Rachel LaBine	3.00	19/18

VIAR AV1000 Basic Drawing. 3 points.

(Formerly R1001) The fundamentals of visual vocabulary. Students work from observation using still-life objects and the human figure. The relationship of lines and forms to each other and to the picture format is emphasized. Materials used: vine charcoal, compressed charcoal, pencil, pen, ink, and brushes. Class assignments are accompanied by discussions and critiques. Portfolio required at the end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>.

Spring 2023: VIAR AV1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1000	001/12934	M W 9:30am - 12:00pm 501 Dodge Building	James Mercer	3	16/18

VIAR UN2001 DRAWING II. 3.00 points.

Prerequisites: (VIAR UN1000)

Prerequisites: (VIAR UN1000) Examines the potential of drawing as an expressive tool elaborating on the concepts and techniques presented in VIAR UN1001. Studio practice emphasizes individual attitudes toward drawing while acquiring knowledge and skills from historical and cultural precedents. Portfolio required at the end

Fall 2022: VIAR UN2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2001	001/10819	Th 10:00am - 4:00pm 501 Dodge Building	Baris Gokturk	3.00	5/18

VIAR UN3010 COLLAGE: MIXED MEDIA. 3.00 points.

Prerequisites: (VIAR UN1000)

Prerequisites: (VIAR UN1000) (Formerly R3515) This course approaches drawing as an experimental and expressive tool. Students will explore the boundaries between drawing and sculpture and will be encouraged to push the parameters of drawing. Collage, assemblage and photomontage will be used in combination with more traditional approaches to drawing. The class will explore the role of the imagination, improvisation, 3-dimensional forms, observation, memory, language, mapping, and text. Field trips to artists' studios as well as critiques will play an important role in the course. The course will culminate in a final project in which each student will choose one or more of the themes explored during the semester and create a series of artworks. This course is often taught under the nomenclature Drawing II - Mixed Media

Fall 2022: VIAR UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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VIAR 3010	001/10827	F 10:00am - 4:00pm 501 Dodge Building	Alejandro Contreras	3.00	11/18
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Spring 2023: VIAR UN3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3010	001/14839	F 10:00am - 4:00pm 501 Dodge Building	Alejandro Contreras	3.00	19/18

VIAR UN3011 PROBLEMS IN DRAWING. 3.00 points.

Prerequisites: VIAR R1000. (Formerly R4005) Students will connect with the very heart of the Western Art tradition, engaging in this critical activity that was the pillar of draftsmanship training from the Renaissance on through the early Modern Era. This pursuit is the common thread that links artists from Michelangelo and Rubens to Van Gogh and Picasso. Rigorous studies will be executed from plaster casts of antique sculptures, and pedagogical engravings. Students will confront foundational issues of academic training; assessing proportion and tonal value, structure and form. Hours will be spent on a single drawing pushing to the highest degree of accuracy in order develop a means for looking at nature. There is a focus on precision and gaining a thorough understanding of the interaction between light and a surface. This approach emphasizes drawing by understanding the subject and the physical world that defines it. While this training has allowed great representational artists of the past to unlock the poetry from the world around them and continues to inspire a surging new realist movement, it can also serve as a new way of seeing and a launching point for achieving creative goals. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Spring 2023: VIAR UN3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3011	001/14863	T 5:00pm - 9:00pm 501 Dodge Building	Edward Minoff	3.00	13/18

PAINTING**VIAR UN2100 PAINTING I. 3.00 points.**

Prerequisites: (VIAR UN1000)

Prerequisites: (VIAR UN1000) (Formerly R3201) Introduction of the fundamental skills and concepts involved in painting. Problems are structured to provide students with a knowledge of visual language along with a development of expressive content. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Spring 2023: VIAR UN2100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2100	002/12955	Th 10:00am - 4:00pm 401 Dodge Building	Henry Anker	3.00	13/16

VIAR UN3101 PAINTING II. 3.00 points.

Prerequisites: (VIAR UN1000) and (VIAR UN2100)

Prerequisites: (VIAR UN1000) and (VIAR UN2100)

(Formerly R3202) Painting II: Extension of VIAR UN2100 This course explores the transition of representational form

towards abstraction in the early 20th century (Cubism) with full consideration to recent movements such as geometric abstraction, organic abstraction, gestural abstraction, color field and pattern painting. Students will be encouraged to find dynamic approaches to these classic tropes of 20th and 21st century abstraction

Fall 2022: VIAR UN3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3101	001/10828	T 10:00am - 4:00pm 401 Dodge Building	Gregory Amenoff	3.00	13/16

VIAR UN3102 PAINTING III: Advanced Painting. 3.00 points.

Prerequisites: (VIAR UN1000) and (VIAR UN2100)
Prerequisites: (VIAR UN1000) and (VIAR UN2100) Painting III: Advanced study in painting will be a material inquiry into the consequential concepts, histories, and critical language embedded in making painting's historical past and its' present. Is painting now a singular "medium"? How do facture, scale, form and a multitude of image-making options, regardless of "style", accrue as to create meaning? Participants are expected to present work weekly, as Individual studio or group critiques. These will be augmented by readings of selected historical essays and contemporaneous writings, as well as visual presentations on a rotating basis

Spring 2023: VIAR UN3102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3102	001/15161	T 10:00am - 4:00pm 401 Dodge Building	Rina Banerjee	3.00	12/16

VIAR UN3103 Advanced Painting: Process. 3 points.

Prerequisites: VIAR UN1000 and VIAR UN2100
In this advanced course, students develop their own individual painting practice through experimentation, risk taking, and rigorous evaluation of the interwoven questions of material and content in their work. A special emphasis is based on what we can do with the process of painting, and its vast and ever changing array of procedures, substrates, approaches, and techniques. How can painting materialize your response to what you encounter visually, intellectually, poetically, psychologically, politically, and culturally? "Painting" is open in the class, and expansion and integration of other materials is fully acceptable. The course consists of directed but open assignments, presentations on historical and contemporary work, introduction to new materials, readings, individual and group critiques, and visits to working artists' studios, museums/galleries.

VIAR UN3120 FIGURE PAINTING. 3.00 points.

Prerequisites: VIAR R1000 and VIAR R2100. (Formerly R3210) Course provides the experience of employing a wide range of figurative applications that serve as useful tools for the contemporary artist. Non-Western applications, icon painting, and the European/American traditions are presented. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN3120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3120	001/10829	Th 10:00am - 4:00pm 401 Dodge Building	Susanna Coffey	3.00	13/16

Spring 2023: VIAR UN3120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3120	001/14864	W 10:00am - 4:00pm 401 Dodge Building	David Cruz	3.00	9/16

VIAR UN3104 Painting III: Advanced Painting. 3.00 points.

This advanced painting class will consider contemporary painting in the context of traditional genres, exploring both continuity and discontinuity between contemporary painting and the tradition out of which it arose. Questions considered will include: Do traditional genres such as the history painting, the still-life, the nude, the portrait, the landscape painting have any relevance to contemporary painting? If not, where have these genres migrated to in our contemporary culture? Does contemporary painting exist solely as a cliché of art production, a hand-made status symbol and luxury commodity or can an argument be made for painting as an individual revolt against mass culture? Is painting's appeal simply due to nostalgia for a now-obsolete technology of representation or does its enduring popularity result from a desire for the physical/personal in a screen-based world? How are contemporary artists using painting today and what critical strategies are available to painters today? Students will be expected to present artwork weekly for individual and group critiques. The course will use an expanded definition of painting so students should feel free to experiment with other media as desired. Students will be required to research historical and contemporary (both art and mass culture) examples of the various genres and to create visual presentations of their research. Supplemental readings will be assigned weekly. Students will spend the last month working on a project of their choice

PHOTOGRAPHY

VIAR UN1700 PHOTOGRAPHY: PHOTO I. 3.00 points.

(Formerly R3701) An introductory course in the technical, aesthetic, and conceptual foundations of photography. With an emphasis on the student's own creative practice, this course will explore the basics of photography and its history through regular shooting assignments, demonstrations, critique, lectures, and readings. No prior photography experience is required

VIAR UN2701 PHOTOGRAPHY: PHOTO II. 3.00 points.

Prerequisites: (VIAR UN1700)

Prerequisites: (VIAR UN1700) (Formerly R3702) With an emphasis on the student's own creative practice, this course will expand on the technical and conceptual concerns first encountered in Intro to Photography. This course will explore critical issues in contemporary photography and advanced camera and production techniques through regular shooting

assignments, demonstrations, critique, lectures, readings, and field trips

VIAR UN3710 PHOTO:DIGITAL DOCUMENTARY. 3.00 points.

(Formerly R4702) The goal of the course is for each student to create small-scale documentary projects using photography and writing with an eye towards web publishing. Taking advantage of the ease and speed of image production and distribution, students will propose and workshop projects that can be quickly completed and uploaded to a class website. Assignments, readings and discussions will focus on the role of the documentary tradition in the history of photographic art practice. Students must provide their own laptop and digital camera. If the class is full, sign up for the wait list at <http://arts.columbia.edu/photolist>

VIAR GU4702 Photography: Advanced Photo III Seminar. 3 points.

Prerequisites: VIAR UN1700

This course will explore the Artists book as an essential medium of contemporary artistic and lens based practice. Lectures and presentations will consider the mediums historical roots in Dadaism, Constructivism and Fluxus to enliven an expansive consideration of the books essential principles — scale, material, touch and dissemination. Students are exposed to a variety of approaches and viewpoints through presentations by guest photographers, writers, curators, publishers as well as class trips to archives, museums and galleries. Using various research methodologies with a distinct focus on image and text students will explore narrative development, sequencing, repetition and pacing. Each student will propose, develop and produce a unique editioned artists book during this course.

VIAR GU4704 Photo III: Photobook. 3.00 points.

Prerequisites: VIAR UN1700 and VIAR UN2701 or equivalent experience.

This course will explore the photobook as a central medium of contemporary lens-based practice. Students are exposed to a variety of approaches and viewpoints through historical lectures, class trips, and presentations by guest photographers, curators, critics, editors, graphic designers, etc. Each student will propose, develop, and produce editioned books during this course. This course requires reading, independent research, and work outside of class time

VIAR UN1701 Intro Darkroom Photography. 3.00 points.

Introductory course to analog photographic tools, techniques, and photo criticism. This class explores black & white, analog camera photography and darkroom processing and printing. Areas covered include camera operations, black and white darkroom work, 8x10 print production, and critique. With an emphasis on the student's own creative practice, this course will explore the basics of photography and its history through regular shooting assignments, demonstrations, critique, lectures, and readings. No prior photography experience is required

Fall 2022: VIAR UN1701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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VIAR 1701	001/13695	M W 9:30am - 12:00pm 109 Watson Hall	Matthew Buckingham	3.00	14/14
VIAR 1701	002/13696	T Th 9:30am - 12:00pm 109 Watson Hall	Kevin Claiborne	3.00	15/14

Spring 2023: VIAR UN1701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1701	001/15177	M W 9:30am - 12:00pm 106 Watson Hall	Delphine Fawundu	3.00	10/12
VIAR 1701	002/15178	T Th 9:30am - 12:00pm 106 Watson Hall	Paula Lycan	3.00	16/16

VIAR UN1702 INTRO DIGITAL PHOTOGRAPHY. 3.00 points.

Since Walter Benjamin's concept of "work of art in the age of mechanical reproduction" (1935), photography has been continuously changed by mechanical, and then digital, means of image capture and processing. This class explores the history of the image, as a global phenomenon that accompanied industrialization, conflict, racial reckonings, and decolonization. Students will study case studies, read critical essays, and get hands-on training in capture, workflow, editing, output, and display formats using digital equipment (e.g., DSLR camera) and software (e.g., Lightroom, Photoshop, Scanning Software). Students will complete weekly assignments, a midterm project, and a final project based on research and shooting assignments. No Prerequisites and no equipment needed. All enrolled students will be able to check out Canon EOS 5D DSLR Camera; receive an Adobe Creative Cloud license; and get access to Large Format Print service

Fall 2022: VIAR UN1702

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1702	001/15013	M W 10:00am - 12:30pm 106 Watson Hall	Naeem Mohaiemen	3.00	12/12

Spring 2023: VIAR UN1702

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1702	001/12940	M W 1:00pm - 3:30pm 106 Watson Hall	Naeem Mohaiemen	3.00	13/12

VIAR UN2703 Advanced Darkroom Photography. 3.00 points.

Advanced analog photography # darkroom printing. Students will work with analog cameras and learn how to refine black-and-white printing techniques, produce larger prints, etc. Emphasis will be placed on the editing, sequencing, and display of images while cultivating a theoretical and historical context to situate the work. Students will engage with an array of photographic practices through presentations, critiques, guest artist lectures and printing assignments. This course will explore critical issues in contemporary photography and advanced camera and production techniques through regular shooting assignments, demonstrations, critique, lectures,

readings, and field trips. Prerequisites: Intro Darkroom Photography (Columbia) or equivalent experience

Fall 2022: VIAR UN2703

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2703	001/13697	M W 2:00pm - 4:30pm 109 Watson Hall	Dana Buhl	3.00	8/14

Spring 2023: VIAR UN2703

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2703	001/14862	T Th 1:10pm - 3:40pm 106 Watson Hall	Dana Buhl	3.00	14/14

VIAR UN3100 Archive Photography. 3.00 points.

In times where millions of images are being made every day, how can a photographer create an original body of work? With this idea in mind, this class will explore a multi-directional approach to archive based photography and how to create a project around it. Grippled by Jacques Derrida's "archive fever," photography has remapped its field of practice around the capture, reimagining, and explanation of the archival object. This class explores many types of archives—family albums, government records, flea market collectibles, historical photographs, precious objects, and paper documents. We will use a series of lens based technologies, starting from the flatbed scanner and radiating outward. We will explore archive concerns including consent, ownership, privacy, circulation, respect, and political impact. For midterm and final projects, students will explore the many display forms available for the photography derived archival project. The final result of this class, students can both project their bodies of work towards becoming a fanzine, a book or an exhibition that will help to resurface the memories of these photographs with a fresh eye

Fall 2022: VIAR UN3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3100	001/12561	T Th 2:00pm - 4:30pm 106 Watson Hall	Joao Pina	3.00	8/14

PRINTMAKING

VIAR UN2420 PRINTMAKING I: INTAGLIO. 3.00 points.

(Formerly R3401) Enables the student to realize concepts and visual ideas in a printed form. Basic techniques are introduced and utilized: the history and development of the intaglio process; demonstrations and instruction in line etching, relief, and dry point. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2420	001/10825	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3.00	10/11

Spring 2023: VIAR UN2420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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VIAR 2420	001/14840	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3.00	13/13
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VIAR UN2430 PRINTMAKING I: RELIEF. 3.00 points.

(Formerly R3411) Printmaking I: Relief introduces woodcut and other relief techniques. Given the direct quality of the process, the class focuses on the students personal vision through experimentation with this print medium. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN2430

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2430	001/10826	M W 9:30am - 12:00pm 210 Dodge Building	Nathan Catlin	3.00	8/9

VIAR UN3410 PRINTMAKING I: PHOTOGRAVURE. 3.00 points.

Prerequisites: VIAR UN1400 or VIAR UN2420 or VIAR UN1700

Prerequisites: VIAR UN1400 or VIAR UN2420 or VIAR UN1700 (Formerly R3417) The purpose of this course is to incorporate the photomechanical intaglio printmaking process into the student's own work, and in turn, for them to capitalize on its usage as part of their visual arts language. The students will learn the polymer plate process known as Solar Plate and structure it to the concepts they are creating and investigating. By integrating it into conventional intaglio techniques and combining them into finished works, the student's printmaking lexicon will be expanded. This course is a concise study and practice of the process of photoetching, also known as photoengraving, utilizing non-toxic photo-polymer plates, thus reducing the exposure to harmful chemicals used in other photomechanical printmaking processes. This also coincides with the transitioning of the print studio into a Green workplace

VIAR UN3412 PRINTMAKING: DRAWING INTO PRINT. 3.00 points.

Prerequisites: VIAR UN2420 or VIAR UN2430 note that VIAR UN2430 was formerly R3420.

Prerequisites: VIAR UN2420 or VIAR UN2430 note that VIAR UN2430 was formerly R3420. The objective of the course is to provide students with an interdisciplinary link between drawing, photography and printmaking through an integrated studio project. Students will use drawing, printmaking and collage to create a body of work to be presented in a folio format. In the course, students develop and refine their drawing sensibility, and are encouraged to experiment with various forms of non-traditional printmaking. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3412	001/10830	T 10:00am - 4:00pm 210 Dodge Building	Tomas Vu Daniel	3.00	12/12

Spring 2023: VIAR UN3412

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3412	001/14865	T 10:00am - 4:00pm 210 Dodge Building	Linnea Gad	3.00	3/9

Craig
Zammiello

VIAR UN3421 PRINTMAKING II: INTAGLIO. 3.00 points.

Prerequisites: VIAR UN2420

Prerequisites: VIAR UN2420 (Formerly R3402) Continues instruction and demonstration of further techniques in intaglio. Encourages students to think visually more in the character of the medium, and personal development is stressed. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN3421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3421	001/10831	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3.00	2/3

Spring 2023: VIAR UN3421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3421	001/14866	M W 2:30pm - 5:00pm 210 Dodge Building	Jennifer Nuss	3.00	2/3

VIAR UN3431 PRINTMAKING II: RELIEF. 3.00 points.

Prerequisites: VIAR UN2430

Prerequisites: VIAR UN2430 (Formerly R3412) Printmaking II: Relief continues instruction and demonstration of further techniques in woodcut. Encourages students to think visually more in the character of the medium, and personal development is stressed. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN3431

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3431	001/10832	M W 9:30am - 12:00pm 210 Dodge Building	Nathan Catlin	3.00	1/3

VIAR GU4400 ADVANCED PRINTMAKING. 3.00 points.

Prerequisites: VIAR R2420, or VIAR R2430. (Formerly R3415) Designed for students who have already taken one semester of a printmaking course and are interested in continuing on an upper level. Students are encouraged to work in all areas, separate or combined, using their own vocabulary and imagery to create a body of work by the end of the semester. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Spring 2023: VIAR GU4400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4400	001/14882	F 10:00am - 4:00pm 210 Dodge Building	Tomas Vu Daniel, Valerie Hammond,	3.00	12/14

VIAR UN3422 Printmaking on, through, # below the matrix. 3.00 points.

This course offers to the student who may find an examination of printmaking an asset to their art practice. The course will cover several printmaking processes like relief, intaglio, silkscreen, and monotype. In addition, we will discuss printmaking concepts such as repetition, matrix, original/translation, reproducibility, and multiple considering the works produced in class. We will involve a separate in-depth study of each process by alternating studio time, demonstrations, field trips, individual and group critiques. Through the printmaking processes, students will explore assignments and projects and be encouraged to incorporate them into their own body of work

Fall 2022: VIAR UN3422

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3422	001/13698	Th 10:00am - 4:00pm 210 Dodge Building	Raphaela Melsohn	3.00	9/12

VIAR UN2440 PRINTMAKING I: SILKSCREEN. 3.00 points.

(Formerly R3413) Printmaking I: Silkscreen introduces silkscreen and other silkscreen techniques. Given the direct quality of the process, the class focuses on the students personal vision through experimentation with this print medium. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Spring 2023: VIAR UN2440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2440	001/14858	Th 10:00am - 4:00pm 210 Dodge Building	Emma Hammond-Thomas	3.00	10/11

VIAR UN3441 PRINTMAKING II: SILKSCREEN. 3.00 points.

Prerequisites: VIAR R2440. (Formerly R3414) Printmaking II: Silkscreen continues instruction and demonstration of further techniques in silkscreen. Encourages students to think visually more in the character of the medium, and personal development is stressed. Individual and group critiques. Portfolio required at end. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Spring 2023: VIAR UN3441

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3441	001/15160	Th 10:00am - 4:00pm 210 Dodge Building	Emma Hammond-Thomas	3.00	1/3

EXPANDED PRACTICE | SCULPTURE

VIAR UN2200 CERAMICS I. 3.00 points.

(Formerly R3130) This studio course will provide the students with a foundation in the ceramic process, its history, and its relevance to contemporary art making. The course is

structured in two parts. The first centers on the fundamental and technical aspects of the material. Students will learn construction techniques, glazing and finishing methods, and particulars about firing procedures. This part of the course will move quickly in order to expose the students to a variety of ceramic processes. Weekly assignments, demonstrations, and lectures will be given. The second centers on the issue of how to integrate ceramics into the students current practice. Asking the question of why we use ceramics as a material and, further, why we choose the materials we do to make art. Rigorous group and individual critiques focusing on the above questions will be held. The goal of this course is to supply the students with the knowledge and skill necessary to work in ceramics and enough proficiency and understanding of the material to enable them to successfully incorporate it into their practice. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2200	001/10822	Th 10:00am - 4:00pm 315 Prentis Hall	Heidi Lau	3.00	6/7

VIAR UN2300 SCULPTURE I. 3.00 points.

(Formerly R3330) The fundamentals of sculpture are investigated through a series of conceptual and technical projects. Three material processes are introduced, including wood, metal, and paster casting. Issues pertinent to contemporary sculpture are introduced through lectures, group critiques, discussions, and field trips that accompany class assignments. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2300	001/10823	F 10:00am - 4:00pm 315 Prentis Hall	Jon Kessler	3.00	8/9
VIAR 2300	002/10824	T 10:00am - 4:00pm 315 Prentis Hall	Chris Domenick	3.00	9/8

Spring 2023: VIAR UN2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2300	001/12957	F 10:00am - 4:00pm 315 Prentis Hall	Jon Kessler	3.00	10/10

VIAR UN3201 CERAMICS II. 3.00 points.

Prerequisites: (VIAR UN1000) and (VIAR UN2100) Painting III: Advanced study in painting will be a material inquiry into the consequential concepts, histories, and critical language embedded in making painting's historical past and its' present. Is painting now a singular "medium"? How do facture, scale, form and a multitude of image-making options, regardless of "style", accrue as to create meaning? Participants are expected to present work weekly, as Individual studio or group critiques. These will be augmented by readings of selected historical essays and contemporaneous writings, as well as visual presentations on a rotating basis

Spring 2023: VIAR UN3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3201	001/12961	Th 10:00am - 4:00pm 315 Prentis Hall	Joseph Peet	3.00	5/6

VIAR UN3301 SCULPTURE II. 3.00 points.

Prerequisites: VIAR UN2300 or the instructors permission. (Formerly R3331) Continuation of VIAR UN2300. The objective of the class is to engage in in-depth research and hands on studio projects related to a specific theme to be determined by each student. Each student is expected to complete class with four fully realized and thematically linked works. Wood, metal, and plaster will be provided for this class but video, sound, performance and various mixed media approaches are highly encouraged. In addition, lecture and field trips will be part of the course. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Spring 2023: VIAR UN3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3301	001/12958	T 10:00am - 4:00pm 315 Prentis Hall	Sable Smith	3.00	8/6

VIAR UN3302 SCULPTURE III. 3.00 points.

Prerequisites: VIAR R2300. (Formerly R3332) Sculpture III is an invitation for immersive sculpting. The class will explore the idea of experiences and construction of contexts as central research topics. The class becomes a laboratory space to explore various techniques to heighten body awareness and spatial sensibility. Through assignments and workshops, the students will practice how to digest these sensory experiences through their studio practice. Historical precedents for art outside the usual mediums and venues will be our reference points to investigate how our own work may take part in a generative process that evolves the definition of sculpture. The assignments in the first half of the semester point the students to performance, site specificity, and sound, that utilize New York Citys odd spots and professionals. While building such common experiential platforms, the class will also build language for a dialogic space, through weekly in-class discussions lead by the instructor, guests, and rotating panels of the students. As the semester progresses, the emphasis will gradually be shifted from experiential learning to intensive studio work on a final project, where the students are asked to pay close attention to how various methods and fields of subjects combine. The resulting project has to be the best work you have ever done. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Spring 2023: VIAR UN3302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3302	001/12960	T 10:00am - 4:00pm 315 Prentis Hall	Sable Smith	3.00	1/2

VIAR GU4600 Performance Art; Developing a Visual Lexicon. 3.00 points.

What happens to a body stilled in space, when it takes a shape and holds it? How does its relationship to public space change? How is its transformation attenuated when the body is in formation with other bodies, a breathing still life of people and props? This performance art course will use the question of a body's stillness as a platform to create interdisciplinary projects that exist between dance, sculpture, collaborative movement, and performance art. Through core readings and case study presentations, we will discuss unique possibilities of representation and challenges this form enables, and the prominent role it has been taking within the visual arts in recent years. Students will engage with a variety of aesthetic strategies and formal techniques such as movement workshops, sensory exercises, video, wearable sculptures, collaboration, scores, and group meditation. Studio work will focus on concrete intersections between the body and the object, and case studies chosen to encourage students to think of movement as a form of resistance, and to consider the political implication of collaborative work that unfolds over time. Performativity in the context of this class is widely defined, and no prior experience is required

Spring 2023: VIAR GU4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4600	001/15165	F 10:00am - 4:00pm 101 Prentiss Hall	Tamar Ettun	3.00	9/16

VIAR GU4310 MAKING WITHOUT OBJECTS. 3.00 points.

Prerequisites: VIAR UN2300

Prerequisites: VIAR UN2300 (Formerly R3302) Laboratory in Relational Art; Sculpture without Objects The purpose of this class will be to explore the function of Relational Aesthetics in contemporary art practice and to develop ideas about the role of context in art, as the students develop their own site-specific works and research historical precedents for art designed to be exhibited in non-traditional venues. This course will also prepare students for professional work preparing art for venues of that type. This class will be structured around studio work, with an emphasis on the development and production of a final site-specific project. In order to foster students' growth and ongoing investigation into the nature of contemporary sculpture, the class will also be comprised of slide lectures, visits to local artists' studios, and galleries, as well as various public art projects throughout the city. As the semester progresses, the emphasis will gradually be shifted from research to intensive studio work on a final project, often a proposal for a site-specific work in a non-traditional venue. Generally, the first half of each class session will be dedicated to lecture and discussion, while the second half will be dedicated to individual studio work and critique

Fall 2022: VIAR GU4310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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VIAR 4310	001/10871	M 10:00am - 4:00pm 315 Prentiss Hall	Precious Okoyomon	3.00	10/16
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VIAR AV2200 Ceramics I. 3 points.

(Formerly R3130) This studio course will provide the students with a foundation in the ceramic process, its history, and its relevance to contemporary art making. The course is structured in two parts. The first centers on the fundamental and technical aspects of the material. Students will learn construction techniques, glazing and finishing methods, and particulars about firing procedures. This part of the course will move quickly in order to expose the students to a variety of ceramic processes. Weekly assignments, demonstrations, and lectures will be given. The second centers on the issue of how to integrate ceramics into the students' current practice. Asking the question of why we use ceramics as a material and, further, why we choose the materials we do to make art. Rigorous group and individual critiques focusing on the above questions will be held. The goal of this course is to supply the students with the knowledge and skill necessary to work in ceramics and enough proficiency and understanding of the material to enable them to successfully incorporate it into their practice. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>.

Spring 2023: VIAR AV2200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 2200	001/12956	M 10:00am - 4:00pm 315 Prentiss Hall	Joseph Peet	3	10/9

MOVING IMAGE**VIAR UN3500 BEGINNING VIDEO. 3.00 points.**

Beginning Video is an introductory class on the production and editing of digital video. Designed as an intensive hands-on production/post-production workshop, the apprehension of technical and aesthetic skills in shooting, sound and editing will be emphasized. Assignments are developed to allow students to deepen their familiarity with the language of the moving image medium. Over the course of the term, the class will explore the language and syntax of the moving image, including fiction, documentary and experimental approaches. Importance will be placed on the decision making behind the production of a work; why it was conceived of, shot, and edited in a certain way. Class time will be divided between technical workshops, viewing and discussing films and videos by independent producers/artists and discussing and critiquing students projects. Readings will be assigned on technical, aesthetic and theoretical issues. Only one section offered per semester. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3500	001/10833	W 10:00am - 4:00pm 101 Prentiss Hall	Shelly Silver	3.00	9/9

Spring 2023: VIAR UN3500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3500	001/14867	M 10:00am - 4:00pm 101 Prentiss Hall	Shelly Silver	3.00	8/12

VIAR GU4501 Advanced Video. 3 points.

Advanced Video is a full day class 10:00am- 4:00pm.

Prerequisites: (VIAR UN3500) VIAR UN3500 Beginning Video or prior experience in video or film production.

Advanced Video is an advanced, intensive project-based class on the production of digital video. The class is designed for advanced students to develop an ambitious project or series of projects during the course of the semester. Through this production, students will fine-tune shooting and editing skills as well as become more sophisticated in terms of their aesthetic and theoretical approach to the moving image. The class will follow each student through proposal, dailies, rough-cut and fine cut stage. The course is organized for knowledge to be shared and accumulated, so that each student will learn both from her/his own process, as well as the processes of all the other students. Additional screenings and readings will be organized around the history of video art and the problematics of the moving image in general, as well as particular issues that are raised by individual student projects. NOTE: There is only one section offered per semester. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>.

VIAR AV4501 ADVANCED VIDEO. 3.00 points.

Prerequisites: (VIAR UN3500) VIAR UN3500 Beginning Video or prior experience in video or film production.

Advanced Video is an advanced, intensive project-based class on the production of digital video. The class is designed for advanced students to develop an ambitious project or series of projects during the course of the semester. Through this production, students will fine-tune shooting and editing skills as well as become more sophisticated in terms of their aesthetic and theoretical approach to the moving image. The class will follow each student through proposal, dailies, rough-cut and fine cut stage. The course is organized for knowledge to be shared and accumulated, so that each student will learn both from her/his own process, as well as the processes of all the other students. Additional screenings and readings will be organized around the history of video art and the problematics of the moving image in general, as well as particular issues that are raised by individual student projects. NOTE: There is only one section offered per semester. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Spring 2023: VIAR AV4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4501	001/14883	W 10:00am - 4:00pm 101 Prentiss Hall	Matthew Buckingham	3.00	10/12

VISUAL ARTS MAJOR REQUIREMENTS

VIAR UN3800 SEM IN CONTEMP ART PRACTICE. 3.00 points.

(Formerly R4601) New York City is the most abundant visual arts resource in the world. Visits to museums, galleries, and studios on a weekly basis. Students encounter a broad cross-section of art and are encouraged to develop ideas about what is seen. The seminar is led by a practicing artist and utilizes this perspective. Columbia College and General Studies Visual Arts Majors must take this class during their junior year. If the class is full, please visit <http://arts.columbia.edu/undergraduate-visual-arts-program>

Fall 2022: VIAR UN3800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3800	001/10834	F 1:00pm - 4:00pm 106 Watson Hall	Yasaman Alipour Fetrati	3.00	16/16

VIAR UN3900 SENIOR THESIS I. 2.00 points.**VIAR UN3901 SENIOR THESIS II. 2.00 points.**

Prerequisites: VIAR UN3900 Department approval required.

See requirements for a major in visual arts. VIAR UN3900 is the prerequisite for VIAR UN3901. Corequisites: VIAR UN3911 Students must enroll in both semesters of the course (VIAR UN3900 and VIAR UN3901). The student is required to produce a significant body of work in which the ideas, method of investigation, and execution are determined by the student. A plan is developed in consultation with the faculty. Seminars; presentations. At the end, an exhibition or other public venue is presented for evaluation. Studio space is provided

VIAR UN3910 VISITING CRITIC I. 2.00 points.

Prerequisites: Department approval required. See requirements for a major in visual arts. VIAR UN3910 is the prerequisite for VIAR UN3911.

Corequisites: VIAR UN3900

Prerequisites: Department approval required. See requirements for a major in visual arts. VIAR UN3910 is the prerequisite for VIAR UN3911. Corequisites: VIAR UN3900 (Formerly R3921) Students are required to enroll in both semesters (VIAR UN3910 and VIAR UN3911). A second opinion is provided to the senior students regarding the development of their senior project. Critics consist of distinguished visitors and faculty. Issues regarding the premise, methodology, or presentation of the students ideas are discussed and evaluated on an ongoing basis

Fall 2022: VIAR UN3910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3910	001/10840	W 5:15pm - 10:00pm 106 Watson Hall	Emily Henretta	2.00	16/16

VIAR UN3911 VISITING CRITIC II. 2.00 points.

Prerequisites: VIAR UN3910 Department approval required.

See requirements for a major in visual arts. Corequisites: VIAR

UN3901 (Formerly R3922) Students are required to enroll in both semesters (VIAR UN3910 and VIAR UN3911). A second opinion is provided to the senior students regarding the development of their senior project. Critics consist of distinguished visitors and faculty. Issues regarding the premise, methodology, or presentation of the students ideas are discussed and evaluated on an ongoing basis

VIAR AV3900 Senior Thesis I. 2 points.

Prerequisites: the instructor's permission. See requirements for a major in visual arts. *VIAR R3900* is the prerequisite for *VIAR Q3901*.

Corequisites: *VIAR R3910*.

(Formerly R3901) Students must enroll in both semesters of the course (*VIAR R3900* and *VIAR Q3901*). The student is required to produce a significant body of work in which the ideas, method of investigation, and execution are determined by the student. A plan is developed in consultation with the faculty. Seminars; presentations. At the end, an exhibition or other public venue is presented for evaluation. Studio space is provided.

Fall 2022: VIAR AV3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3900	001/10837	W 5:15pm - 10:00pm 106 Watson Hall	Nicola Lopez	2	16/16

Spring 2023: VIAR AV3900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3900	001/14869	W 5:15pm - 10:00pm 106 Watson Hall	Sable Smith	2	3/3

VIAR AV3901 Senior Thesis II. 2 points.

Prerequisites: *VIAR R3900* and the instructor's permission. See requirements for a major in visual arts.

Corequisites: *VIAR R3911*.

(Formerly R3902) Students must enroll in both semesters of the course (*VIAR R3900* and *VIAR Q3901*). The student is required to produce a significant body of work in which the ideas, method of investigation, and execution are determined by the student. A plan is developed in consultation with the faculty. Seminars; presentations. At the end, an exhibition or other public venue is presented for evaluation. Studio space is provided.

Spring 2023: VIAR AV3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3901	001/14870	W 5:15pm - 10:00pm 106 Watson Hall	Sable Smith	2	14/15

VIAR AV3910 Visiting Critic I. 2 points.

Prerequisites: the instructor's permission. See requirements for a major in visual arts. *VIAR R3910* is the prerequisite for *VIAR R3911*.

Corequisites: *VIAR R3900*.

(Formerly R3921) Students are required to enroll in both semesters (*VIAR R3910* and *VIAR R3911*). A second opinion is provided to the senior students regarding the development of their senior project. Critics consist of distinguished visitors and faculty. Issues regarding the premise, methodology, or presentation of the student's ideas are discussed and evaluated on an ongoing basis.

Spring 2023: VIAR AV3910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3910	001/14871	W 5:15pm - 10:00pm 106 Watson Hall	Emily Henretta	2	3/3

VIAR AV3911 Visiting Critic II. 2 points.

Prerequisites: *VIAR R3910* and the instructor's permission. See requirements for a major in visual arts.

Corequisites: *VIAR Q3901*.

(Formerly R3922) Students are required to enroll in both semesters (*VIAR R3910* and *VIAR R3911*). A second opinion is provided to the senior students regarding the development of their senior project. Critics consist of distinguished visitors and faculty. Issues regarding the premise, methodology, or presentation of the student's ideas are discussed and evaluated on an ongoing basis.

Spring 2023: VIAR AV3911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3911	001/14872	W 5:15pm - 10:00pm 106 Watson Hall	Emily Henretta	2	14/15

WOMEN'S AND GENDER STUDIES

Program Office: 763 Schermerhorn Extension; 212-854-3277; 212-854-7466 (fax)

<https://issg.columbia.edu/>

Director of Undergraduate Studies:

Fall 2022 Prof. Lila Abu-Lughod, 756 Schermerhorn Extension; la310@columbia.edu
Spring 2023 Prof. Sarah Haley, 615 Fayerweather; sh4210@columbia.edu

Located within the Institute for the Study of Sexuality and Gender, and taught in cooperation with Barnard College's Department of Women's, Gender, and Sexuality Studies, the program in Women's and Gender Studies provides students with a culturally and historically situated, theoretically diverse, and transnational understanding of feminist and queer scholarship as it engages multiple disciplines.

The program introduces students to key feminist and queer discourses on the cultural and historical representation of nature, power, and the social construction of difference. It

encourages students to engage in the debates regarding the ethical and political issues of equality and justice that emerge in such discussion, and links the questions of gender and sexuality to those of racial, ethnic, and other kinds of social difference.

Through sequentially organized courses in Women's, Gender, and Sexuality Studies, as well as approved elective courses in a wide range of departments, the degree provides a thoroughly interdisciplinary framework, methodological training, and substantive guidance in specialized areas of research. Small classes taught by our core faculty members and mentored thesis writing give students an education that is both comprehensive and tailored to individual needs.

Graduates leave the program with critical reading, writing, and analytical skills, and gain the tools they need to analyze systems of power operating at personal, national, and international levels. While this prepares some for future scholarly work in the field of Women's, Gender, and Sexuality studies, others take these skills and apply them to careers and future training in a variety of fields, including: law, public policy, social work, community organizing, public health, film, journalism, medicine, and other professions where gender and sexuality are currently being reimagined and there is a need for critical and creative interdisciplinary thought.

MAJOR IN WOMEN'S AND GENDER STUDIES

The requirements for this program were modified on September 22, 2014. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

Students should plan their course of study with the undergraduate director as early in their academic careers as possible. The requirements for the major are:

WMST UN1001	INTRO-WOMEN # GENDER STUDIES
or WMST UN3125	INTRO TO SEXUALITY STUDIES
WMST UN3311	FEMINIST THEORY
WMST UN3514	Historical Approaches to Feminist Questions
WMST UN3521	SENIOR SEMINAR I
WMST UN3915	GENDER # POWER IN GLOBAL PERSP

Six approved Elective Courses on women, gender, and/or sexuality in consultation with the director of undergraduate studies.*

*

Electives will be selected in coordination with the director of undergraduate studies to best suit students' specific interests and to provide them with the appropriate range of courses, whether their focus is ethnic studies, pre-med, pre-law, sociology, public health, queer studies, visual culture, literature, or another area of interest. Students are encouraged to take a broad interdisciplinary approach. The director of undergraduate studies will help students fine-tune their academic program in conjunction with IRWGS courses, cross-listed courses, and other courses offered at Columbia.

CONCENTRATION IN WOMEN'S AND GENDER STUDIES

The requirements for this program were modified on September 22, 2014. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

The same requirements as for the major, with the exception of WMST UN3521 SENIOR SEMINAR I.

SPECIAL CONCENTRATION FOR THOSE MAJORING IN ANOTHER DEPARTMENT

The requirements for this program were modified on September 22, 2014. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.

WMST UN1001 INTRO-WOMEN # GENDER STUDIES; plus four additional approved elective courses on gender.

FALL 2022

WMST UN3311 FEMINIST THEORY. 4.00 points.

Prerequisites: LIMITED TO 20 BY INSTRUC PERM; ATTEND FIRST CLASS

This course explores the formation of desire, sexuality, and subjectivity through the frameworks of feminist epistemologies (the question of what we can know) and feminist ethics (the question of how to be responsible within our relationships and local and global communities). We will reflect on the tension between the limits of what we can know about ourselves and others and the imperative to care for each other and remain accountable for our individual and collective actions and inaction. We will investigate how our deepest emotions, intimate encounters, and secret fantasies are formed by larger social and political contexts. In turn, we will also question how these intimate relationships with ourselves and our companions may be seen as feminist acts of resistance, disruption, and creation. Objective I: to closely engage diverse feminist perspectives in late-twentieth- and twenty-first-century phenomenology, existentialism, Marxism, queer theory, critical

race theory, and psychoanalysis. Objective II: to begin to locate your own feminist perspective within the intersection of your unique experiences and the larger historical and social contexts that form you and which you may seek to transform

Fall 2022: WMST UN3311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3311	001/00698	Th 4:10pm - 6:00pm 306 Milbank Hall	Marisa Solomon	4.00	18/16
WMST 3311	002/00811	M 4:10pm - 6:00pm 407 Barnard Hall	Robyn Spencer	4.00	18/20

Spring 2023: WMST UN3311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3311	001/13672	W 12:10pm - 2:00pm 754 Ext Schermerhorn Hall	Rachel Aumiller	4.00	23/25

WMST UN3521 SENIOR SEMINAR I. 4.00 points.

The Senior Seminar in Women's Studies offers you the opportunity to develop a capstone research paper by the end of the first semester of your senior year. Senior seminar essays take the form of a 25-page paper based on original research and characterized by an interdisciplinary approach to the study of women, sexuality, and/or gender. You must work with an individual advisor who has expertise in the area of your thesis and who can advise you on the specifics of method and content. Your grade for the semester will be determined by the instructor and the advisor. Students receiving a grade of B or higher in Senior Seminar I will be invited to register for Senior Seminar II by the Instructor and the Director of Undergraduate Studies. Senior Seminar II students will complete a senior thesis of 40-60 pages. Please note, the seminar is restricted to Columbia College and GS senior majors

Fall 2022: WMST UN3521

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3521	001/11769	M 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Lila Abu-Lughod	4.00	4/10

WMST GU4235 Indigenous Feminisms. 4.00 points.

Indigenous women, queers, trans- and Two Spirit people have been at the forefront of activism and resistance to state incursion into Indigenous lands and waters. This was evident most recently at Mauna Kea, a mountain sacred to Kanaka Maoli in Hawaii as women, trans and queer formed the first line of resistance and occupation against the construction of a 1000-meter telescope on the site. This is not unique, their voices, along with indigenous queer and feminist scholars, have been working to address issues as far-ranging as mascots, settler appropriation of indigenous cultures, missing and murdered indigenous women and girls, and the violence against indigenous urban youth. This seminar will consider how those indigenous feminist, queer, and Two Spirit scholars have theorized gender, sexuality, race, and colonialism, alongside issues of land, water and sovereignty. We will read works that consider how indigeneity challenges how gender and sexuality

are expressed in the context of settler colonialism and racial capitalism

Fall 2022: WMST GU4235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4235	001/11772	T 4:10pm - 6:00pm 754 Ext Schermerhorn Hall	Manu Karuka, Audra Simpson	4.00	16/15

WMST GU4305 Decolonization and Feminist Critique. 4.00 points.

This advanced seminar examines historical, social, cultural, and theoretical propositions for decolonizing praxis and their complex relations to feminist critique. How do we understand Western European colonialism and coloniality as modes, conditions, and institutions of power, dispossession, subjugation, and subjection continuing into the present? What are the methods, practices, and vision enacted and proposed by the colonized for undoing and radically transforming the determinate logics, instruments, and structures of colonialism as these persist in the present moment? We will consider how gender and sexuality as well as race – as technologies of social organization, codes of valuation, and modes of survival – shape colonialism and the struggles against it. We will inquire into their significance to projects of decolonization. How might decolonization envision and make possible other ways of life?

Fall 2022: WMST GU4305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4305	001/00702	Th 12:00pm - 1:50pm 119 Milstein Center	Neferti Tadiar	4.00	19/18

WMST GU4322 Planetary Questions. 4.00 points.

This advanced seminar examines important approaches, issues, perspectives, and themes related to planetary concerns of environmental crisis, climate change, life sustainability, and multi-species flourishing, with a focus on feminist, postcolonial, anti-racist, and queer perspectives. Topics for discussion and study include the global pandemic, histories of colonialism, slavery, and capitalism. Prereqs: BOTH 1 WMST Intro course PLUS any WGSS 'Foundation' course, OR instructor permission

Fall 2022: WMST GU4322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4322	001/00693	W 12:00pm - 1:50pm LI001 Milstein Center	Neferti Tadiar	4.00	14/15

WMST GR6001 THEORETICAL PARADIGMS. 4.00 points.

Theoretical Paradigms in Feminist Scholarship: Course focuses on the current theoretical debates of a particular topic or issue in feminist, queer, and/or WGSS scholarship. Open to graduate students, with preference given to students completing the ISSG graduate certificate. Topics differ by semester offered, and are

reflected in the course subtitle. For a description of the current offering, please visit the link in the Class Notes

WMST GR6100 Queer Feminist Theories of Art. 4.00 points.

What happens when we understand art as an active producer of theory, rather than as an object to which theory might be “applied?” This seminar proposes that recent art has catalyzed and shaped advanced feminist and queer thought, and asks how visual art practices have been engines of theoretical propositions about the entanglements of genders, sexualities, racialization, desire, state power, archives, migration, utopias/dystopias, loss, anger, visibility/opacity, world-making, etc. We will focus our speculations around a series of case studies from around the world to think about how insistently intersectional feminist, trans, and queer knowledge is embodied, generated, and performed within works, acts, and objects themselves. Modeling more horizontal methods of learning in alignment with queer feminist pedagogies, students will participate in building our reading list and will collaboratively lead discussions. Artists/artist’s groups might include Asco, Sadie Barnette, fierce pussy, Jeffrey Gibson, Félix González-Torres, Glenn Ligon, Candice Lin, Julie Mehretu, Yasumasa Morimura, Zanele Muholi, Senga Nengudi, Cecilia Vicuña, and Martin Wong

WMST BC2140 Critical Approaches in Social and Cultural Theory. 3.00 points.

This course examines the conceptual foundations that support feminist and queer analyses of racial capitalism, security and incarceration, the politics of life and health, and colonial and postcolonial studies, among others. Open to all students; required for the major in Women’s, Gender, and Sexuality Studies (WGSS) and the Interdisciplinary Concentration or Minor in Race and Ethnicity (ICORE/MORE)

Fall 2022: WMST BC2140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2140	001/00694	T Th 2:40pm - 3:55pm 504 Diana Center	Marisa Solomon	3.00	65/70

Spring 2023: WMST BC2140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2140	001/00656	T Th 4:10pm - 5:25pm 323 Milbank Hall	Janet Jakobsen	3.00	63/70

WMST BC2150 PRACTICING INTERSECTIONALITY. 3.00 points.

This introductory course for the Interdisciplinary Concentration or Minor in Race and Ethnicity (ICORE/MORE) is open to all students. We focus on the critical study of social difference as an interdisciplinary practice, using texts with diverse modes of argumentation and evidence to analyze social differences as fundamentally entangled and co-produced. Because of the interdisciplinary nature of this course, the professor will frequently be joined by other faculty from the Consortium for Critical Interdisciplinary Studies (CCIS), who bring distinct disciplinary and subject matter expertise. Some keywords for

this course include hybridity, diaspora, borderlands, migration, and intersectionality

Fall 2022: WMST BC2150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2150	001/00695	T Th 10:10am - 11:25am LI002 Milstein Center	Manijeh Moradian	3.00	89/90

Spring 2023: WMST BC2150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2150	001/00657	M W 4:10pm - 5:25pm LI002 Milstein Center	Rebecca Jordan-Young, Renee Hill	3.00	70/75

WMST BC3131 WOMEN AND SCIENCE. 4.00 points.

Prerequisites: Enrollment limited to 18 students.

Prerequisites: Enrollment limited to 18 students. History and politics of women’s involvement with science. Women’s contributions to scientific discovery in various fields, accounts by women scientists, engineers, and physicians, issues of science education. Feminist critiques of biological research and of the institution of science

Fall 2022: WMST BC3131

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3131	001/00696	W 4:10pm - 6:00pm LI016 Milstein Center	Laura Kay	4.00	14/18

WMST BC3132 GENDERED CONTROVERSIES. 4.00 points.

Investigates the significance of contemporary and historical issues of social, political, and cultural conflicts centered on women’s bodies. How do such conflicts constitute women, and what do they tell us about societies, cultures, and politics? - D. Ko

Fall 2022: WMST BC3132

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3132	001/00697	W 2:10pm - 4:00pm 501 Diana Center	Janet Jakobsen	4.00	21/30

WMST BC3513 CRITICAL ANIMAL STUDIES. 4.00 points.

"This course collaborates between students and professor, humans and animals, subjects and objects, to investigate the Animal Problem. What are non-human animals? How do we relate to them? How do we account for our animal nature while reconciling our cultural aspirations? What are our primary desires with respect to non-human animals?

Fall 2022: WMST BC3513

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3513	001/00699	T 4:10pm - 6:00pm 502 Diana Center	Janet Jakobsen	4.00	20/22

WMST BC3530 FEMINIST MEDIA THEORY. 4.00 points.

The integration of contemporary media and social practices of all types is intensifying. This seminar examines media theory

and various media platforms including Language, Photography, Film, Television, Radio, Digital Video, and Computing as treated by feminists, critical race and queer theorists, and other scholars and artists working from the margins. Prerequisite: Either one introductory WGSS course or Critical Approaches to Social and Cultural Theory or Permission of the Instructor

Fall 2022: WMST BC3530

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3530	001/00701	W 4:10pm - 6:00pm 306 Milbank Hall	Jonathan Beller	4.00	13/18

SPRING 2023

WMST UN3125 INTRO TO SEXUALITY STUDIES. 3.00 points.

This course is designed to introduce major theories sexuality, desire and identity. We will be considering the relations between the history of sexuality and the politics of gender. We will read some primary texts in gender theory, and in the study of sexuality, desire, and embodiment. This course also provides an introduction to the interdisciplinary examination of human sexual and erotic desires, orientations, and identities. We will study how desires are constructed, how they vary and remain the same in different places and times, and how they interact with other social and cultural phenomena such as government, family, popular culture, scientific inquiry, and, especially, race and class.

Spring 2023: WMST UN3125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3125	001/12259	M W 2:40pm - 3:55pm 310 Fayerweather	Jack Halberstam	3.00	81/90

WMST UN3200 QUEER THEORY. 4.00 points.

This class will ask you to read a set of novels, theoretical essays and social science studies in order to think deeply about sexuality, identity, desire, race, objects, relationality, being, knowing and becoming. We will consider sexuality, desire and gender not as a discrete set of bodily articulations, nor as natural expressions of coherent identities so much as part off the formulation of self that Avery Gordon names “complex personhood.” Beginning with a recent film from the UK that rereads queerness back through a history of labor and ending with a recent film made entirely on the iPhone and that stages queerness as part of an alternative articulation of Hollywood, we will explore new and old theories of queer desire.

Through the readings, discussions, and assignments, you will develop critical analytical skills to consider social change movements with particular attention to how sex, gender, race, class, sexuality, sexual orientation, and other systems of power shape people’s everyday lives. We will trace the intersection of histories of labor, medicine, representation and activism and we will ask difficult questions about assimilation, mainstreaming, globalization and pink capitalism.

Spring 2023: WMST UN3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3200	001/13670	M 12:10pm - 2:00pm 754 Ext Schermerhorn Hall	Tey Meadow	4.00	19/18

WMST UN3225 TRANSGENDER STUDIES - THEMES AND TOPICS. 3.00 points.

This course introduces the interdisciplinary field of transgender studies. While we will read about gender variable bodies within a long historical arc, the categories of both “transsexual” and “transgender” are recent social constructions. How did the many different forms of gender variance resolve into these singular forms and what has been lost in the medical and legal narrowing of gender variance to only these forms? Can we make any connections between witches in the 17th century (often accused on the grounds of cross-gender identification), mollies and dandies in the 19th century (often marked as effeminate), inverts in the late 19th and early 20th century and later constructions that assemble under the banner of “trans*”? Many academic disciplines-- including anthropology, history, gender studies, literary studies, and gay and lesbian/queer studies--have studied transgender identities, bodies and communities, but only very recently has the field become institutionalized in the academy as a discipline “Transgender Studies.” In this course we examine the ongoing development of the concept of transgender as it is situated across social, cultural, historical, medical, and political contexts. Along the way, we will try to answer some fundamental questions: when did trans* emerge as a distinct social formation? What might be the differences between the understanding of gender variance in the second half of the 20th century and formulations of the phenomena of cross-dressing and passing and transvestism in earlier periods? Is the term “transgender” applicable to non-Western and previously occurring embodiments and practices?

Spring 2023: WMST UN3225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3225	001/00788	Th 10:10am - 12:00pm 214 Milbank Hall	Paisley Currah	3.00	17/25

WMST UN3311 FEMINIST THEORY. 4.00 points.

Prerequisites: LIMITED TO 20 BY INSTRUC PERM; ATTEND FIRST CLASS

This course explores the formation of desire, sexuality, and subjectivity through the frameworks of feminist epistemologies (the question of what we can know) and feminist ethics (the question of how to be responsible within our relationships and local and global communities). We will reflect on the tension between the limits of what we can know about ourselves and others and the imperative to care for each other and remain accountable for our individual and collective actions and inaction. We will investigate how our deepest emotions, intimate encounters, and secret fantasies are formed by larger social and political contexts. In turn, we will also question how these intimate relationships with ourselves and

our companions may be seen as feminist acts of resistance, disruption, and creation. Objective I: to closely engage diverse feminist perspectives in late-twentieth- and twenty-first-century phenomenology, existentialism, Marxism, queer theory, critical race theory, and psychoanalysis. Objective II: to begin to locate your own feminist perspective within the intersection of your unique experiences and the larger historical and social contexts that form you and which you may seek to transform

Fall 2022: WMST UN3311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3311	001/00698	Th 4:10pm - 6:00pm 306 Milbank Hall	Marisa Solomon	4.00	18/16
WMST 3311	002/00811	M 4:10pm - 6:00pm 407 Barnard Hall	Robyn Spencer	4.00	18/20

Spring 2023: WMST UN3311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3311	001/13672	W 12:10pm - 2:00pm 754 Ext Schermerhorn Hall	Rachel Aumiller	4.00	23/25

WMST UN3526 SENIOR SEMINAR II. 4.00 points.

Prerequisites: Permission of instructor. Enrollment limited to senior majors.

Prerequisites: Permission of instructor. Enrollment limited to senior majors. Individual research in Womens Studies conducted in consultation with the instructor. The result of each research project is submitted in the form of the senior essay and presented to the seminar

Spring 2023: WMST UN3526

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3526	001/00662	W 4:10pm - 6:00pm 407 Barnard Hall	Elizabeth Bernstein	4.00	4/15

WMST UN3655 Gender and Public Health: Disparities, Pathways, and Policies. 3.00 points.

This seminar provides an intensive introduction to critical thinking about gender in relation to public health. We begin with a rapid immersion in social scientific approaches to thinking about gender in relation to health, and then examine diverse areas in which gendered relations of power – primarily between men and women, but also between cis- and queer individuals – shape health behaviors and health outcomes. We engage with multiple examples of how gendered social processes, in combination with other dimensions of social stratification, shape health at the population level. The overarching goal of this class is to provide a context for reading, discussion, and critical analysis to help students learn to think about gender – and, by extension, about any form of social stratification – as a driver of patterns in population health. We also attend consistently to how public health as a field is itself a domain in which gender is reproduced or contested

Spring 2023: WMST UN3655

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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WMST 3655	001/12700	T 4:10pm - 6:00pm 754 Ext Schermerhorn Hall	Jennifer Hirsch	3.00	9/13
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WMST UN3813 Knowledge, Practice, Power. 4.00 points.

Prerequisites: WMST V1001 and the instructor's permission.

Knowledge, Practice, Power is a practical and multi-disciplinary exploration of research methods and interpretive strategies used in feminist scholarship, focusing on larger questions about how we know what we know, and who and what knowledge is for. Open to non-majors, but sophomore and junior majors in Women's, Gender, and Sexuality Studies (WGSS) are encouraged to enroll in this course as preparation for Senior Seminar I. This course is required for students pursuing the concentration or minor in Feminist/Intersectional Science and Technology Studies. Prerequisite: Either one introductory WGSS course or Critical Approaches to Social and Cultural Theory or Permission of the Instructor

Spring 2023: WMST UN3813

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3813	001/00663	M 10:10am - 12:00pm 318 Milbank Hall		4.00	13/20

WMST UN3915 GENDER # POWER IN GLOBAL PERSP. 4.00 points.

Enrollment limited to 15.

Prerequisites: Instructor approval required
This seminar considers formations of gender, sexuality, and power as they circulate transnationally, as well as transnational feminist movements that have emerged to address contemporary gendered inequalities. Topics include political economy, colonialism/postcoloniality, war, refugees, global care chains, sexuality, sex and care work. Required for the major in Women's, Gender, and Sexuality Studies (WGSS), but open to non-majors, space permitting. Prerequisite: Either one introductory WGSS course or Critical Approaches to Social and Cultural Theory or Permission of the Instructor

Spring 2023: WMST UN3915

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3915	001/13671	T 10:10am - 12:00pm 754 Ext Schermerhorn Hall	Sonia Ahsan	4.00	16/20

WMST GU4000 GENEALOGIES OF FEMINISM. 4.00 points.

Genealogies of Feminism: Course focuses on the development of a particular topic or issue in feminist, queer, and/or WGSS scholarship. Open to graduate students and advanced undergraduates, though priority will be given to students completing the ISSG graduate certificate. Topics differ by semester offered, and are reflected in the course subtitle. For a description of the current offering, please visit the link in the Class Notes

Spring 2023: WMST GU4000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4000	001/12711	T 4:10pm - 6:00pm 832 Schermerhorn Hall	Julia Bryan-Wilson	4.00	13/14

WMST W4308 SEXUALITY AND SCIENCE. 4.00 points.**Spring 2023: WMST W4308**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4308	001/00664	W 10:10am - 12:00pm LI018 Milstein Center	Rebecca Jordan-Young	4.00	13/20

WMST GU4336 GENDER AND SEXUALITY IN YIDDISH LITERATURE. 4.00 points.

Early publications in Yiddish, a.k.a. the *mame loshn*, ‘mother tongue,’ were addressed to “women and men who are like women,” while famous Yiddish writer, Sholem Aleichem, created a myth of “three founding fathers” of modern Yiddish literature, which eliminated the existence of Yiddish women writers. As these examples indicate, gender has played a significant role in Yiddish literary power dynamics. This course will explore representation of gender and sexuality in modern Yiddish literature and film in works created by Sholem Aleichem, Sholem Asch, Fradl Shtok, Sh. An-sky, Malka Lee, Anna Margolin, Celia Dropkin, Isaac Bashevis Singer, Kadya Molodowsky, Troim Katz Handler, and Irena Klepfisz. You will also acquire skills in academic research and digital presentation of the findings as part of the Mapping Yiddish New York project that is being created at Columbia. No knowledge of Yiddish required

Spring 2023: WMST GU4336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4336	001/00666	Th 4:10pm - 6:00pm 111 Milstein Center	Agnieszka Legutko	4.00	10/20

WMST GR8001 GRAD STUDENT # FACULTY COLLOQ. 1.00 point.

This is a course is oriented to graduate students who are thinking about issues in teaching in the near and distant future and want to explore forms of pedagogy. The course will ask what it means to teach “as a feminist” and will explore how to create a classroom receptive to feminist and queer methodologies and theories regardless of course theme/content. Topics include: participatory pedagogy, the role of political engagement, the gender dynamics of the classroom, modes of critical thought and disagreement. Discussions will be oriented around student interest. The course will meet 4-5 times per SEMESTER (dates TBD) and the final assignment is to develop and workshop a syllabus for a new gender/sexuality course in your field. Because this course is required for graduate students choosing to fulfill Option 2 for the Graduate Certificate in Feminist Studies at IRWGS, priority will be given to graduate students completing the certificate

WMST BC1050 WOMEN AND HEALTH. 3.00 points.

Combines critical feminist and anti-racist analyses of medicine with current research in epidemiology and biomedicine to understand health and health disparities as co-produced by social systems and biology

Spring 2023: WMST BC1050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 1050	001/00655	T Th 8:40am - 9:55am 405 Milbank Hall	Rebecca Jordan-Young	3.00	91/95

WMST BC2140 Critical Approaches in Social and Cultural Theory. 3.00 points.

This course examines the conceptual foundations that support feminist and queer analyses of racial capitalism, security and incarceration, the politics of life and health, and colonial and postcolonial studies, among others. Open to all students; required for the major in Women’s, Gender, and Sexuality Studies (WGSS) and the Interdisciplinary Concentration or Minor in Race and Ethnicity (ICORE/MORE)

Fall 2022: WMST BC2140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2140	001/00694	T Th 2:40pm - 3:55pm 504 Diana Center	Marisa Solomon	3.00	65/70

Spring 2023: WMST BC2140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2140	001/00656	T Th 4:10pm - 5:25pm 323 Milbank Hall	Janet Jakobsen	3.00	63/70

WMST BC2150 PRACTICING INTERSECTIONALITY. 3.00 points.

This introductory course for the Interdisciplinary Concentration or Minor in Race and Ethnicity (ICORE/MORE) is open to all students. We focus on the critical study of social difference as an interdisciplinary practice, using texts with diverse modes of argumentation and evidence to analyze social differences as fundamentally entangled and co-produced. Because of the interdisciplinary nature of this course, the professor will frequently be joined by other faculty from the Consortium for Critical Interdisciplinary Studies (CCIS), who bring distinct disciplinary and subject matter expertise. Some keywords for this course include hybridity, diaspora, borderlands, migration, and intersectionality

Fall 2022: WMST BC2150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2150	001/00695	T Th 10:10am - 11:25am LI002 Milstein Center	Manijeh Moradian	3.00	89/90

Spring 2023: WMST BC2150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2150	001/00657	M W 4:10pm - 5:25pm	Rebecca Jordan-	3.00	70/75

LI002 Milstein Center Young, Renee Hill

WMST BC2950 Science, Technology, Power. 3.00 points.

This course explores the intimate entanglements of technology, science, bodies, culture, and power, with a focus on post-World War II U.S. society. In this lecture course, we will draw on history, feminist thought, anthropology, sociology, science fiction, and visual/digital art to investigate the historical and cultural contexts shaping the dreams, practices, and products of technoscience. We will explore technologies and sciences as sites of power, complex pleasures, and embodied transformations in our own everyday lives

Spring 2023: WMST BC2950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 2950	001/00658	M W 6:10pm - 7:25pm 302 Barnard Hall	Jacqueline Orr	3.00	27/35

WMST BC3138 AFFECT AND ACTIVISM. 4.00 points.

From love to anger to disappointment to hope, political activism mobilizes emotions towards certain ends but also generates new affective states and feelings along the way. This advanced seminar will familiarize students with feminist, anti-racist and queer scholarship on affect, feelings and emotion as intrinsic to politics and as crucial for understanding how political thought and action unfold in contingent and often unexpected ways. Mixing theoretical and cultural texts with case studies, we will look at how affect permeates structures of power and domination, embodiment and identity, and collective activist projects concerned with gender and sexual liberation. Students will have an opportunity to read theories of affect as well as to "read" activist movements for affect by working with archival documents (such as zines, manifestos, and movement ephemera) and other primary sources (such as memoir, photography and documentary film)

Spring 2023: WMST BC3138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3138	001/00659	T 12:10pm - 2:00pm 318 Milbank Hall	Manijeh Moradian	4.00	14/15

WMST BC3514 HIST APPROACHES FEMINIST QUES.

4.00 points.

Comparative study of gender, race, and sexuality through specific historical, socio-cultural contexts in which these systems of power have operated. With a focus on social contexts of slavery, colonialism, and modern capitalism for the elaboration of sex-gender categories and systems across historical time

Spring 2023: WMST BC3514

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3514	001/00660	T 2:10pm - 4:00pm 113 Milstein Center	Alexander Pittman	4.00	21/20

WMST BC3518 STUDIES IN U.S. IMPERIALISM. 4.00

points.

Prerequisites: Enrollment limited to 20 students.

Historical, comparative study of the cultural effects and social experiences of U.S. imperialism, with attention to race, gender and sexuality in practices of domination and struggle

Spring 2023: WMST BC3518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3518	001/00661	W 10:10am - 12:00pm LI001 Milstein Center	Neferti Tadiar	4.00	28/35

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