

COLUMBIA COLLEGE

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

BULLETIN
2014–2015

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TABLE OF CONTENTS

Columbia College Bulletin	3	Chemistry	216
Academic Calendar	4	Classics	233
The Administration and Faculty of Columbia College	6	Colloquia, Interdepartmental Seminars, and Professional School Offerings	248
Admission	46	Comparative Literature and Society	250
Fees, Expenses, and Financial Aid	47	Computer Science	258
Registration	73	Creative Writing	279
Academic Requirements	75	Dance	290
Academic Regulations	78	Drama and Theatre Arts	306
Core Curriculum	88	Earth and Environmental Sciences	318
Literature Humanities	89	East Asian Languages and Cultures	334
Contemporary Civilization	91	Ecology, Evolution, and Environmental Biology	362
Art Humanities	94	Economics	382
Music Humanities	96	Education	407
Frontiers of Science	98	English and Comparative Literature	414
University Writing	99	Ethnicity and Race Studies	448
Foreign Language Requirement	99	Film Studies	455
Global Core Requirement	101	French and Romance Philology	461
Science Requirement	105	Germanic Languages	472
Physical Education Requirement	108	History	481
Study Abroad	109	History and Philosophy of Science	500
Special Programs	113	Human Rights	503
Academic Honors, Prizes, and Fellowships	118	Italian	508
Standards and Discipline	126	Jazz Studies	527
Columbia University Policies	128	Jewish Studies	530
Departments, Programs, and Courses	132	Language Resource Center	533
African-American Studies	134	Latin American and Caribbean Studies	544
American Studies	141	Latin American and Iberian Cultures	547
Ancient Studies	147	Linguistics	571
Anthropology	149	Mathematics	576
Archaeology	163	Medieval and Renaissance Studies	589
Architecture	166	Middle Eastern, South Asian, and African Studies	590
Art History and Archaeology	171	Music	611
Astronomy	184	Philosophy	635
Biological Sciences	190	Physical Education and Intercollegiate Athletics	642
Business	212	Physics	650
		Political Science	663
		Psychology	684
		Regional Studies	700

Religion	701
Slavic Languages	729
Sociology	748
Statistics	755
Sustainable Development	770
Urban Studies	780
Visual Arts	787
Women's and Gender Studies	795
Index	799

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ACADEMIC CALENDAR

The Academic Calendar was correct and complete when compiled; however, the University reserves the right to revise or amend it, in whole or in part, at any time. Registration and Change-of-Program dates are tentative, and students should consult their registration materials. Updated calendar information is available on the Registrar's website (<http://registrar.columbia.edu/category/academic-year/2014-2015>).

FALL TERM 2014

August	1	Friday. Last day to submit vaccination documentation for measles, mumps, and rubella; and to certify meningitis decision on-line (for new Fall 2014 students only).
	4–8	Monday–Friday. On-line registration for Fall 2014 via Student Services Online (SSOL): continuing students only.
	19–21	Tuesday–Thursday. On-line registration for Fall 2014 via Student Services Online (SSOL): continuing students only.
	25	Monday. Orientation begins for entering Fall 2014 students.
	29	Friday. On-line registration for Fall 2014 via Student Services Online (SSOL): first-year students.
	30	Saturday. On-line registration for Fall 2014 via Student Services Online (SSOL): continuing students only.
September	1	Monday. Labor Day. University holiday.
	2	Tuesday. Classes begin for the 261st academic year. Last day to apply or reapply for the B.A. degree to be awarded in October. Applications received after this date are automatically applied to the next conferral date.
	2–12	Weekdays only. Change-of-Program period by appointment: all students.
	5, 8	Friday and Monday. Deferred examination dates.
	11	Thursday. Last day to join a class off the Wait List via Student Services Online (SSOL). The Wait List tool will close at 9:30 p.m.

	12	Friday. End of Change-of-Program period. Last day to add courses. Last day to uncover grade for Spring or Summer 2014 course taken Pass/D/Fail. Last day to drop a Core Curriculum course. Must be registered for a minimum of 12 points.
	15– October 7	Weekdays only. Extended Add/Drop Period via Student Services Online (SSOL).
	19	Friday. Last day to confirm, upgrade, or request a waiver from the Columbia Student Health Insurance Plan.
October	7	Tuesday. Last day for students to drop individual courses.
	15	Wednesday. Award of October degrees.
	16	Thursday. Midterm Date.
November	3	Monday. 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.
	3	Monday. Academic Holiday.
	4	Tuesday. Election Day. University holiday.
	13	Thursday. Last day for students to register for R credit, to change a regular course to a Pass/D/Fail course or a Pass/D/Fail course to a regular course, and/or to withdraw from an individual course and receive a notation of “W” on the transcript in place of a letter grade.
	17–21	Monday–Friday. Registration by on-line appointment for Spring 2015 via Student Services Online (SSOL): continuing students only.
	27–30	Thursday–Sunday. Thanksgiving holidays.
December	1	Monday. 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.
	8	Monday. Last day of classes.
	9–11	Tuesday–Thursday. Study days.
	12	Friday. Last day to submit vaccination documentation for measles, mumps, and rubella; and to certify meningitis decision on-line (for new Spring 2015 students only).
	12–19	Friday–Friday. Final examinations.
	19	Friday. Fall term ends.

22 **Monday, through January 19, 2015, Monday. Winter holidays.**

SPRING TERM 2015

January 1 Thursday. Last day for applicants to the Class of 2019 to apply for admission.

6–16 Weekdays only. Registration by on-line appointment for Spring 2015 via Student Services Online (SSOL): continuing and transfer students only.

19 **Monday. Martin Luther King Jr. Day. University holiday.**

20 **Tuesday. Classes begin.**

20–30 Weekdays only. Change-of-Program period by on-line appointment via Student Services Online (SSOL).

23, 26 Friday and Monday. Deferred examination dates.

29 Thursday. Last day to join a class off the Wait List via Student Services Online (SSOL). The Wait List tool will close at 9:30 p.m.

30 Friday. End of Change-of-Program period. Last day to add courses. Last day to uncover grade for Fall 2014 course taken Pass/D/Fail. Last day to drop a Core Curriculum course. Must be registered for a minimum of 12 points.

30 Friday. Last day for new Spring 2015 students to confirm, upgrade, or request a waiver from the Columbia Student Health Insurance Plan.

February 2–24 Weekdays only. Extended Add/Drop period via Student Services Online (SSOL).

11 Wednesday. Award of February degrees.

24 Tuesday. Last day for students to drop individual courses.

March 9 Monday. Midterm date.

16–20 **Monday–Friday. Spring recess.**

26 Thursday. Last day for students to register for R credit, to change a regular course to a Pass/D/Fail course or a Pass/D/Fail course to a regular course and/or to withdraw from an individual course and receive a notation of “W” on the transcript in place of a letter grade.

April 13–17 Monday–Friday. Registration by on-line appointment for Fall 2015 via Student Services Online (SSOL): continuing students only.

May 4 Monday. Last day of classes. Deadline for continuing students to apply for financial aid for 2015-2016.

5–7 Tuesday–Thursday. Study days.

8–15 Friday–Friday. Final examinations.

15 Friday. Spring term ends.

COMMENCEMENT

May 17 Sunday. Baccalaureate Service.

19 Tuesday. Columbia College Class Day. Academic Awards and Prizes Ceremony. Phi Beta Kappa Induction Ceremony.

20 Wednesday. Award of May degrees. University Commencement, 2015.

THE ADMINISTRATION AND FACULTY OF COLUMBIA COLLEGE

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President of the University

John Coatsworth, Ph.D.

Provost of the University

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FACULTY

FACULTY A-Z LISTING

A (p. 6) B (p. 8) C (p. 10)

D (p. 13) E (p. 15) F (p. 16)

G (p. 17) H (p. 19) I (p. 21) J

(p. 22) K (p. 22) L (p. 25) M

(p. 26) N (p. 29) O (p. 30) P

(p. 31) Q (p. 33) R (p. 33) S

(p. 34) T (p. 38) U (p. 39) V

(p. 39) W (p. 40) X Y (p. 41) Z

(p. 42)

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Cindy Cogdill*Advising Dean, Center for Student Advising*

B.S., Southeast Missouri State, 1983; M.S.Ed., Southern Illinois, 1988

Jason Collado*Assistant Dean, Center for Student Advising*

B.A., State University of New York (Albany), 1997; M.S., 2000

Manoushka Constant*Advising Dean, Center for Student Advising*

B.A., St. John's, 2000; M.S., 2003

Niki Cunningham*Advising Dean, Center for Student Advising*

B.A., Brown, 1990; M.A., Wisconsin, 1994

Rebecca Curtin Ugolnik*Advising Dean, Center for Student Advising*

B.A., Notre Dame, 2004; M.T.S., Harvard, 2008

Darius Echeverria*Advising Dean, Center for Student Advising*

B.A., Rutgers, 1999; M.A., Temple, 2003; Ph.D., 2006

A. Alexander España*Senior Assistant Dean, Center for Student Advising*

B.S., Southwestern Adventist, 1994; M.A., Andrews, 1997

Marta Esquilin*Director of Intercultural and Social Justice Programming, Undergraduate Student Life*

B.A., Vermont, 1999; M.A., Teachers College, 2003

Robert Ferraiuolo*Assistant Dean, Center for Student Advising*

B.A., Fordham, 1992; M.A., Teachers College, 2001; M.Ed., 2006

Aileen Forbes*Advising Dean, Center for Student Advising*

B.A., Columbia, 1993; M.A., Princeton, 1999; Ph.D., 2004

Kristin Gager*Advising Dean, Center for Student Advising*

B.A., Barnard, 1985; Ph.D., Princeton, 1982; M.L.S., Pratt Institute, 2005

Joshua Gaynor*Advising Dean, Center for Student Advising*

B.A., Marist, 1996; M.A., New York University, 1999

Chad Gifford*Advising Dean, Center for Student Advising*

B.A., Brown, 1990; M.A., Columbia, 1995; Ph.D., 2003

Dawn Hemphill*Advising Dean, Center for Student Advising*

B.A., Hiram, 1995; M.Ed., Kent State, 1999

Fay Ju*Associate Dean of Columbia Global Programs*

B.S., Bucknell, 1989; M.A., Teachers College, 2001

Stephanie King*Advising Dean, Center for Student Advising*

B.A., Cornell, 2007; M.S.W., Pennsylvania, 2009

Lavinia Lorch*Senior Assistant Dean, Center for Student Advising*

B.A., Barnard, 1977; M.A., Columbia, 1978; Ph.D., 1990

Josh Lucas*Director of Student Community Programs, Undergraduate Student Life*

B.A., Tennessee, 2006; M.S., Kentucky, 2009

Hazel May*Senior Associate Dean of Academic Affairs*

B.A., Northumbria, 1988; M.Sc., London School of Economics, 1990; Ph.D., Sheffield, 1997; M.A., Teachers College, 2006

Joanna May*Associate Dean of Undergraduate Admissions*

B.A., University of Delaware, 1998; M.A., New York University, 2002

Tara McGuire*Advising Counselor, Program Coordinator, Center for Student Advising*

B.A., Illinois (Urbana-Champaign), 2009; M.Sc., Oxford, 2010

Roosevelt Montas

Director of the Center for the Core Curriculum and Associate Dean of Academic Affairs
B.A., Columbia, 1995; M.A., 1996; M.Phil., 1999; Ph.D., 2004

Niamh O'Brien

Associate Dean of Undergraduate Career Development, Center for Career Education
B.A., Trinity (Dublin), 1990; M.S., New York University, 2003

Lauren Orr

Advising Dean, Center for Student Advising
B.A., Michigan (Ann Arbor), 2004; M.A., George Washington, 2007

Chia-Ying Sophia Pan

Director of Education, Outreach, and International Student Support, Undergraduate Student Life
B.A., National Changhua University of Education, 1998; M.S.Ed., Pennsylvania, 2004

Matthew Patashnick

Executive Director, Family Engagement and Special Programs
B.A., George Washington University, 2002; M.Ed., Massachusetts (Amherst), 2004

Heather Perceval

Associate Dean of Experiential Education and Student Enterprises, Center for Career Education
B.A., Wesleyan, 2002; M.A., Teachers College, 2006

Andrew Plaa

Associate Dean of Advising, Center for Student Advising
B.A., McGill (Canada), 1983; M.A., Columbia, 1986; M.Phil., 1987; Ph.D., 1994

Rebecca Rego

Advising Dean, Center for Student Advising
B.A., Macalester, 2005; M.A., Teachers College, 2006

Megan Rigney

Senior Assistant Dean, Preprofessional Advising, Center for Student Advising
B.A., Miami (Ohio), 1993; M.A., New York University, 1996

Erica Siegel

Advising Dean, Center for Student Advising
B.A., Columbia, 1998; M.A., 2005, Ph.D., 2011

Todd Smith-Bergollo

Associate Dean of Student Engagement, Undergraduate Student Life
B.A., State University of New York (Geneseo), 1995; M.A., New York University, 1999

Justin Snider

Advising Dean, Center for Student Advising
B.A., Amherst, 1999; M.A., Chicago, 2000; M.A.S., Vienna, 2002; M.Ed., Harvard, 2003

Sallee Spearman

Director of Student Financial Advising, Undergraduate Student Life
B.B.A., California (San Diego), 1992; M.A., 2013

Kathryn A. Tuman

Executive Director, Financial Aid
B.A., Bard, 1997; M.A., Teachers College, 2003

Annie Virkus

Director of Leadership and Civic Engagement, Undergraduate Student Life
B.A., State University of New York (Albany), 2001; M.P.A., 2003; Ph.D., 2013

Danielle Wong-Asuncion

Advising Dean, Center for Student Advising
B.A., State University of New York (Stony Brook), 1996; M.A., Teachers College, 1999; M.Ed., 1999

Nathaniel Wood

Assistant Dean, Center for Student Advising
B.S., Regents, 1983

ADMISSION

Mailing address: Office of Undergraduate Admissions, 1130 Amsterdam Avenue, 212 Hamilton Hall, Mail Code 2807, New York, NY 10027

Office hours: Monday-Friday, 9 a.m.-5 p.m.

Telephone: 212-854-2522

E-mail: ugrad-ask@columbia.edu

Website: <http://undergrad.admissions.columbia.edu>

For information about undergraduate admissions, please visit the Office of Undergraduate Admissions website (<http://undergrad.admissions.columbia.edu>) or contact the office by phone or e-mail.

FEES, EXPENSES, AND FINANCIAL AID

ESTIMATED EXPENSES FOR THE ACADEMIC YEAR

An itemized estimate of the cost of attending Columbia College for the 2014–2015 academic year of nine months is as follows:

Tuition	\$48,646
Mandatory Fees	\$2,362
Average Room and Board Cost	\$12,432
Books and Personal Expenses	\$3,164
Travel	varies
Total	\$66,604 + Travel

There is an additional charge of \$416 for new students who are required to attend Orientation.

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

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 2014–2015 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) (<https://ssol.columbia.edu>) 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 2014–2015

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 2014–2015 is \$24,323 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 \$1,624.

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	\$1,478
Columbia Health Fee	\$884
Total	\$2,362

Transcript Fee

All first-time registrants at Columbia University are charged a one-time fee of \$105, which thereafter allows them to order transcripts without 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 \$50 each term, totaling \$100 for academic year 2014–2015. This fee supports the University's services to international students.

Columbia Health Fee and Student Health Insurance Premiums

Columbia Health Fee

Columbia Health services and programs are supported by the Columbia Health Fee. Students who pay the fee can access the on-campus services provided by the five departments of Columbia Health:

- Alice! Health Promotion
- Counseling and Psychological Services
- Disability Services
- Medical Services
- Sexual Violence Response

Students who pay the Columbia Health Fee pay no additional charges for most on-campus services. Paying the Columbia Health Fee is required for all full-time students. Half-time or part-time students may elect to pay the fee to have access to the full range of on-campus programs and services.

The Columbia Health Fee is billed separately for each term. The periods of coverage and fees for 2014–2015 are as follows:

Fall Term	September 1, 2014– January 19, 2015	\$442
Spring Term	January 20, 2015– August 31, 2015	\$442

Student Health Insurance Premiums

The University policy also requires all registered full-time students to have acceptable health insurance coverage, in addition to on-campus programs and services provided by Columbia Health. Columbia University offers the Student Health Insurance Plan (Columbia Plan), which provides two levels of coverage for off-campus health care. The Columbia Plan is administered and underwritten by Aetna Student Health. As with all health insurance programs, there are limits and restrictions to the coverage provided by the Columbia Plan.

Full-time students are enrolled in the Gold Level of the Columbia Plan and billed for the insurance premium as well as the Columbia Health Fee. Half-time and part-time students may elect enrollment in the Columbia Plan, which also initiates payment of the Columbia Health Fee, described above.

Students who already have an alternate insurance plan that meets the University requirements may request a waiver from enrollment through Student Services Online (SSOL) (<https://ssol.columbia.edu>) before the deadline (September 19 for Fall enrollment; January 30 for new Spring enrollment; or June 12 for Summer enrollment). All waiver requests are considered, but approval is not guaranteed.

The following rates are for the 2014–2015 plan year. Columbia Plan rates and benefits change annually.

Fall Term: September 1, 2014–January 19, 2015

Gold Plan	\$1,023
Platinum Plan	\$1,404

Spring Term and Summer Session: January 20, 2015–August 31, 2015

Gold Plan	\$1,485
Platinum Plan	\$2,037

Students who wish to enroll in the Columbia Plan should make an on-line enrollment selection on SSOL annually. For the current dates of the open enrollment period, visit <http://health.columbia.edu/insurance>.

Students who do not make a selection and drop below full-time status during the Change-of-Program period will have their Columbia Health Fee and Columbia Plan premiums reversed.

For detailed information about Columbia Health, the Student Health Insurance Plan, or submitting a waiver request, visit <http://www.health.columbia.edu> or call 212-854-2284.

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 a formal withdrawal and results 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. The Columbia Health Fee, the Columbia Health Insurance Plan Premium, and 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.

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.

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. end of the second week of classes, each term. If a student is not enrolled in a minimum of 12 points, the student will be withdrawn.

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	Transcript 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 and after	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.

FINANCIAL AID

Mailing Address: Office of Financial Aid and Educational Financing, Columbia College, 100 Hamilton, Mail Code 2802, 1130 Amsterdam Avenue, 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

E-mail: 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. Financial aid is available for all four undergraduate years, provided that students continue to demonstrate financial need. 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. While transfer admission is need-blind, financial aid resources for transfer students are very limited. Therefore, Columbia is unable to meet the full need of transfer students, with the exception of students who transfer from Columbia Engineering.

Scholarship Funds

The following listing of endowed scholarship funds are the cornerstone of Columbia College's need-blind and full-funding financial aid program. These funds have been generously donated by alumni, parents, and friends of the College to provide an opportunity for students of rare talent who would otherwise be unable to afford the cost of a Columbia education. More than 40% of Columbia College students receive a Columbia grant toward their demonstrated need and are thus eligible to be chosen to receive the honor of representing a designated scholarship. The commitment of alumni and loyal donors enables the college to maintain one of the most diverse and talented student bodies among our peer institutions.

Alumni interested in joining in the Columbia College Scholarship Program community should contact:

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

FREDERICK F. AND HELEN M. ABDOO SCHOLARSHIP FUND

(1998) Gifts of the family of Frederick F. Abdoo '41 and Helen M. Abdoo.

CHARLOTTE ACKERMAN SCHOLARSHIP FUND
(2010) Gift of an anonymous donor.

CARROLL ADAMS SCHOLARSHIP FUND

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

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 '80, P'15.

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 Shepard L. Alexander '21 and Patricia Alexander.

SHEPARD L. ALEXANDER SCHOLARSHIP FUND

(2011) Bequest of Shepard L. Alexander '21 and Patricia Alexander.

WILLIAM ALPERN SCHOLARSHIP FUND

(1996) Gift of Minette Alpern and Barbara Alpern Engel in memory of William Alpern.

CECILE AND SEYMOUR ALPERT, M.D. SCHOLARSHIP FUND

(2006) Gift of Seymour Alpert '39 and Cecile B. Alpert.

ALAN J. ALTHEIMER SCHOLARSHIP FUND

(1992) Gift of the Jewish Students Scholarship Fund in honor of Alan Altheimer '23 °.

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 '37 °.

ERICA L. AMSTERDAM FAMILY SCHOLARSHIP FUND FOR COLUMBIA COLLEGE

(2002) Gift of Mark Lemle Amsterdam '66, P'07, P'10 in honor of his mother, Erica Amsterdam P'66.

CATHERINE AND DENIS ANDREUZZI SCHOLARSHIP FUND

(1995) Gift of Denis M. Andreuzzi '53.

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 SCHOLARSHIP FUND IV IN
COLUMBIA COLLEGE
(2005) 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 32476 SCHOLARSHIP FUND
(2012) Gift of an anonymous donor.

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

RAYMOND F. ANTIGNAT SCHOLARSHIP FUND
(1991) Bequest of Raymond F. Antignat '37.

ROONE P. ARLEDGE SCHOLARSHIP FUND
(1987) Gift of Rooney P. Arledge '52 °.

NICHOLAS F. AND FRANCES N. ARTUSO
SCHOLARSHIP FUND
(2006) Gift of Anthony A. Artuso '80, P'08, P'12 and various
donors in memory of Anthony's parents, Nicholas F. and
Frances N. Artuso P'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 '62 in memory of his
parents, Louis and Theonie Aslanides P'62.

CHARLES B. ASSIFF SCHOLARSHIP FUND
(1996) Gift of Matthew Jon Assiff '89 in memory of his
father, Charles B. Assiff P'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 '49.

FRANK AND HARRIET AYER SCHOLARSHIP FUND
(1977) Bequest of Frank A. Ayer.

A. JAMES AND VONA HOPKINS BACH
SCHOLARSHIP FUND
(1992) Gift of A. James Bach '53.

FREDERICK AND ELEANORE BACKER
SCHOLARSHIP FUND
(1984) Bequest of Eleanore W. Backer.

BAKER FAMILY SCHOLARSHIP FUND
(2004) Gift of Daniel P. Baker '76 and Rebecca Baker P'07,
P'10.

THOMAS GARY BAKER SCHOLARSHIP FUND
(1992) Gift of Jean M. Baker ° P'84 ° in memory of her son,
Gary Thomas Baker '84.

ADELLE PHYLLIS BALFUS SCHOLARSHIP FUND
(1989) Gift of Laurence Eberhardt Balfus '55 and Roberta R.
Balfus °.

ALFRED BARABAS FUND
(1978) Gift of the family and friends of Alfred M. Barabas '36.

ALFRED M. BARABAS MEMORIAL FUND
(1988) Bequest of Alfred M. Barabas '36.

M. BENJAMIN BARON PRE-MEDICAL SCHOLARSHIP
FUND
(1993) Bequest of Etta Baron in memory of her husband, M.
Benjamin Baron.

KYRA TIRANA BARRY AND DAVID BARRY
SCHOLARSHIP FUND
(2009) Gift of David Benjamin Barry '87 and Kyra Tirana
Barry '87, P'17.

MICHAEL BARRY '89 SCHOLARSHIP FUND
(2010) Gift of Michael Isaac Barry '89.

FREDERIC D. BARSTOW SCHOLARSHIP FUND
(1943) Bequest of William S. Barstow.

ANDREW AND AVERY BARTH SCHOLARSHIP FUND
(2009) Gift of Andrew Francis Barth '83, P16.

MILTON B. AND EDITH C. BASSON ENDOWMENT
FUND
(1987) Bequest of Milton B. Basson '29.

CLEMENT AND ELIZABETH PROBASCO BEACHEY
SCHOLARSHIP FUND
(1965) Bequest of Margaret Probasco Beachey in memory
of her parents, Clement Beachey and Elizabeth Probasco
Beachey.

ROBERT L. BELKNAP SCHOLARSHIP FUND
(1987) Gift of various donors in the Class of 1977 in honor of
Robert L. Belknap °.

WILLIAM C. AND ESTHER HOFFMAN BELLER
SCHOLARSHIP FUND
(1983) Gift of Esther Hoffman Beller in honor of her
husband, William C. Beller CC 1919 and herself.

WILLIAM AITKEN BENSEL MEMORIAL
ENDOWMENT

(1975) Bequest of William Aitken BenseL CC 1902 and Marguerite Curtis BenseL.

HERBERT R. BERK SCHOLARSHIP FUND

(1999) Bequest of Ruth L. Berk in memory of her husband, Herbert R. Berk '28.

THE ROBERT BERNE SCHOLARSHIP FUND

(2005) Gift of Robert Berne '60.

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 '55, P'92 and Morris Lamer in honor of Samara Bernot Meshel '92.

YOGI BERRA SCHOLARSHIP FUND

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

ESTATE OF NORMAN B. BERRY SCHOLARSHIP
FUND

(2008) Bequest of Norman B. Berry.

THE BETHILL FAMILY SCHOLARSHIP FUND

(2009) Gift of Charles Douglas Bethill '69.

JERRY AND EVELYN BISHOP SCHOLARSHIP FUND

(1984) Gift of Franklin G. Bishop '42 ° and Evelyn Bishop '42 ◇.

GIUSEPPE AND MARIA BISIO SCHOLARSHIP FUND

(1993) Gift of Attilio Bisio '52, P'85 in honor of Giuseppe and Maria Bisio.

BLACK ALUMNI COUNCIL SCHOLARSHIP FUND

(2002) Gift of Columbia College Black Alumni Council, alumni and friends.

CHARLES P. BLACKMORE ATHLETIC SCHOLARSHIP

(1990) Bequest of Charles P. Blackmore '38.

LEO BLITZ MEMORIAL SCHOLARSHIP FUND

(1987) Gift of Steven M. Blitz '62.

THE WILLARD AND ROBERTA BLOCK FAMILY
SCHOLARSHIP FUND

(1999) Gift of Willard Block '51.

MAXWELL A. BLOOMFIELD SCHOLARSHIP FUND

(2002) Bequest of Maxwell Bloomfield.

BOCKLAGE FAMILY SCHOLARSHIP FUND

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

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 '54.

HOWARD H. BORN SCHOLARSHIP FUND

(1990) Bequest of Howard H. Born.

H. HUBER BOSCOWITZ SCHOLARSHIP FUND

(1994) Bequest of H. Huber Boscowitz '23.

DR. LEONARD BRAM SCHOLARSHIP FUND

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

EDWARD M. BRATTER SCHOLARSHIP FUND

(1984) Gift of Thomas Bratter '61 ° and Carole Bratter '61 ◇, P'87, P'90 in honor of Edward M. Bratter '26.

THE MICHAEL O. BRAUN SCHOLARSHIP FUND

(2006) Gift of Michael O. Braun '70, P'09.

BREAD OF LIFE FOUNDATION SCHOLARSHIP

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

JESSICA LEE BRETT SCHOLARSHIP FUND

(2008) Gift of James T. Brett '84 and Patricia Brett '87.

LAURENCE AND MARION BREWER '38 CC
SCHOLARSHIP FUND

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

JOHN B. BRIDGWOOD SCHOLARSHIP FUND

(1985) Gift of John B. Bridgwood °.

BRILLO-SONNINO FAMILY SCHOLARSHIP FUND

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

HAROLD BROD MEMORIAL ROOM SCHOLARSHIP
FUND

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

THE CRAIG B. BROD SCHOLARSHIP

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

DOROTHY R. BRODIN SCHOLARSHIP FUND FOR
THE HUMANITIES

(2007) Bequest of Dorothy R. Brodin.

BRONIN FAMILY SCHOLARSHIP FUND

(1996) Gift of Andrew Bronin '69.

ROBERT R. BROOKHART MEMORIAL SCHOLARSHIP
FUND

(1991) Bequest of Herbert A. Deane '42 in honor of Robert R. Brookhart '59 °.

FRANK AND DEENIE BROSENS SCHOLARSHIP FUND

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

FREDRIC WALDEN BROWN MEMORIAL SCHOLARSHIP FUND

(2005) Bequest of John H. and Norma L. Brown.

HAROLD BROWN SCHOLARSHIP FUND

(1990) Gift of Harold Brown '46.

SAMUEL POTTER BROWN SCHOLARSHIP FUND

(1998) Bequest of Samuel P. Brown '41.

CARL M. BRUKENFELD CLASS OF 1927 MEMORIAL SCHOLARSHIP FUND

(1970) Gift of M. Ronald Brukenfeld °.

CLARENCE BRUNER-SMITH SCHOLARSHIP FUND - COLUMBIA COLLEGE

(2002) Bequest of Clarence Bruner-Smith '25.

MICHAEL S. BRUNO, M.D. SCHOLARSHIP FUND

(1989) Gift of Michael S. Bruno '43.

DR. ELI BRYK SCHOLARSHIP FUND

(1999) Gift of Eli Bryk '78, P'07, P'08, P'10, P'13.

BRYNJOLFSSON FAMILY UNDERGRADUATE SCHOLARSHIP FUND

(2008) Gift of John Brynjolfur Brynjolfsson '86 and Margaret Brynjolfsson.

BUCHMAN FAMILY SCHOLARSHIP FUND

(1989) Gift of Stephen L. Buchman '59.

ANNIE P. BURGESS SCHOLARSHIP FUND

(1913) Bequest of Annie P. Burgess.

DANIEL BURGESS SCHOLARSHIP FUND

(1913) Bequest of Annie P. Burgess.

J. GARY BURKHEAD SCHOLARSHIP FUND

(1988) Gift of J. Gary Burkhead '63.

DR. IRVIN J. BUSSING SCHOLARSHIP FUND

(1996) Gift of Irvin Bussing '22 °.

RICHARD BUTLER FOUNDATION

(1903) Gift of Richard Butler in memory of her husband, Richard Butler.

BENJAMIN J. BUTTENWIESER PRESIDENTIAL SCHOLARSHIP FUND

(1992) Gift of Lionel I. Pincus °, P'92, P'95, the Charles H. Revson Foundation and various donors in memory of Benjamin J. Battenwieser CC 1919.

MICHAEL H. BYOWITZ AND RUTH HOLZER SCHOLARSHIP FUND

(2008) Gift of Michael H. Byowitz '73 and Ruth Holzer P'13 in honor of the thirty-fifth anniversary of Michael's graduation.

GURIAN FAMILY SCHOLARSHIP FUND

(2008) Gift of Craig R. Gurian '79 and Lori Bikson-Gurian P'13.

JOHN T. CAHILL MEMORIAL SCHOLARSHIP FUND

(1967) Gift of various donors in memory of John T. Cahill '24.

EDWARD F. CALESA SCHOLARSHIP FUND

(1989) Gift of Edward Calesa '63.

STEVEN C. CALICCHIO FUND

(2013) Gift of Steven C. Calicchio Foundation.

JOHN AND BETTY CARROLL MEMORIAL SCHOLARSHIP FUND

(2004) Gift of David Carroll '76 and Barbara Bartik P'11 in honor of David's parents, John and Betty Carroll P'79.

PROFESSOR JOHN P. CARTER SCHOLARSHIP FUND

(2001) Bequest of Rachel H. Carter in memory of her husband, John P. Carter '36.

EDWIN H. CASE MEMORIAL SCHOLARSHIP FUND

(1994) Gift of Stephen H. Case '64, P'92 and various donors in memory of Stephen's son, Edwin H. Case '92.

DOUGLAS A. CHADWICK, JR. SCHOLARSHIP FUND

(2004) Gift of Douglas A. Chadwick '61.

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 '02.

JOHN CHEE SCHOLARSHIP FUND

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

CHARLIE CHO SCHOLARSHIP FUND

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

SILAS CHOU SCHOLARSHIP FUND

(2010) Gift of Silas Kei-Fong Chou.

JEREMIAH AND YOLANDA CIANCIA FAMILY SCHOLARSHIP FUND

(2008) Gift of Jeremiah and Yolanda Ciance Foundation.

RICHARD H. CIPOLLA MEMORIAL SCHOLARSHIP FUND

(1981) Gift of John and Patricia Klingenstein in memory of Richard H. Cipolla.

ROBERT CIRICILLO SCHOLARSHIP FUND

(2004) Gift of Robert Carl Ciricillo '67.

JOHN J. CIRIGLIANO SCHOLARSHIP FUND

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

TATJANA CIZEVSKA SCHOLARSHIP FUND

(1986) Gift of Tatjana Cizevska.

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 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 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 '77 and the George A. Hyman Revocable Trust in memory of Barry's father, George A. Hyman '42, P'77.

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

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 L. Londoner '58, P'91, Bernard W. Nussbaum '58, P'93 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 1984 SCHOLARSHIP FUND
(2013) Gift of various donors in the Class of 1984.

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 '61.

ETHEL CLYDE SCHOLARSHIP FUND
(1979) Bequest of Ethel Clyde P'30.

DONN COFFEE MEMORIAL SCHOLARSHIP FUND
(2005) Gift of Toni Coffee '55 ♡.

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 '83.

PETER AND JOAN COHN SCHOLARSHIP FUND
(2004) Gift of Peter F. Cohn '58, P'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 Higgins '74 in honor of Henry S. Coleman ♡.

HENRY S. COLEMAN LEADERSHIP SCHOLARSHIP FUND
(1994) Gift of Robert F. Coviello '67 and Mary Lou Coviello P'99 in honor of Henry S. Coleman ♡.

LAURA AND STEVEN COLEMAN SCHOLARSHIP FUND
(2013) Gift of Steven Earl Coleman '83, P'15.

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 SCHOLARSHIP AND FELLOWSHIP FUND
(1968) Gift of various donors.

COLUMBIA COLLEGE SCHOLARSHIP FUND
(2011) Gift of various donors.

COLUMBIA COLLEGE VARIOUS SCHOLARSHIP
(1981) Gift of various donors.

COLUMBIA COLLEGE WOMEN SCHOLARSHIP FUND

(2009) Gift of 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 OF NEW ENGLAND SCHOLARSHIP FUND

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

HARRIET WALLER CONKLIN/LILLIAN CHERNOK SABLE FUND

(2010) Gift of an anonymous donor.

COOK FAMILY FUND

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

CORNACCHIA FAMILY SCHOLARSHIP FUND

(2010) Gift of Thomas William Cornacchia '85, P'17 and Goldman Sachs Charitable Gift Fund.

COROMILAS SCHOLARSHIP FUND

(2010) Gift of James and Lynn Coromilas P'09, P'11.

CHARLES K. COSSE MEMORIAL SCHOLARSHIP FUND

(1975) Gift of Anne L. Cosse ° in memory of her husband, Charles K. Cosse '25.

PAUL AND LILLIAN COSTALLAT SCHOLARSHIP FUND

(1972) Bequest of Paul and Lillian Costallat.

BERTHE COSTIKYAN SCHOLARSHIP FUND

(1990) Gift of Andrew M. Costikyan '43 ° and Edward N. Costikyan '47 ° in memory of their mother, Berthe Costikyan P'43 °, P'47 °.

CHARLES HALSTEAD COTTINGTON SCHOLARSHIP FUND - COLUMBIA COLLEGE

(2002) Bequest of Marianne Cottington in memory of her husband, Charles Halstead Cottington.

LOUISE CRAIGMYLE SCHOLARSHIP FUND

(1960) Gift of Louise Craigmyle °.

FREDERIC M. AND MARY E. CURRAN CLASS OF 1919 SCHOLARSHIP FUND

(1967) Bequest of Frederic M. CC 1919 and Mary E. Curran.

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.

CHARLES ANDERSON DANA SCHOLARSHIP FUND

(1988) Gift of David S. Dana '53 in memory of his father, Charles A. Dana CC 1902.

HORACE E. DAVENPORT FUND

(1958) Gift of Horace E. Davenport '29 °.

VERA B. DAVID SCHOLARSHIP FUND

(1963) Bequest of Vera B. David.

ARTHUR M. DAVIS SCHOLARSHIP FUND

(1989) Bequest of Arthur M. Davis '24.

A.M. DAVIS SCHOLARSHIP FUND

(1944) Gift of A.M. Davis °.

EDWIN F. DAVIS SCHOLARSHIP FUND

(1939) Bequest of Edwin F. Davis.

THE PIRI AND NATE DAVIS FAMILY SCHOLARSHIP

(2005) Gift of Eugene I. Davis '75 and Stacey R. Davis P'05, P'07.

SARAH DAVIS FINANCIAL AID SCHOLARSHIP FUND

(1998) Gift of Hank Davis '63.

JUDGE ARCHIE DAWSON MEMORIAL SCHOLARSHIP FUND

(1964) Gift of various donors in memory of Archie Dawson '21.

THE RAUL J. DE LOS REYES MEMORIAL SCHOLARSHIP FUND

(2005) Gift of Richard Neil de los Reyes '97.

HERBERT A. DEANE SCHOLARSHIP FUND

(1991) Bequest of Herbert A. Deane '42.

THE DEBART SCHOLARSHIP FUND - COLUMBIA COLLEGE

(2002) Gift of J. Richard deBart.

LEONARDO C. AND MARY M. DE MORELOS SCHOLARSHIP FUND

(1999) Bequest of Leonardo C. De Morelos.

LELAND S. DENNING SCHOLARSHIP FUND

(2005) Bequest of Leland S. Denning '39.

ROBERT STEVEN DENNING SCHOLARSHIP FUND

(2008) Gift of the Sage Foundation.

ROBERT STEVEN DENNING SCHOLARSHIP FUND

(2014) Gift of the Sage Foundation in honor of the 30th birthday of Robert Steven Denning '06.

CARL W. DESCH SCHOLARSHIP FUND IN MEMORY OF KATHARINE W. DESCH

(1992) Gift of Carl W. Desch '37 ° 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.

EDWARD WILSON DEWILTON SCHOLARSHIP
FUND

(1974) Bequest of Rollo Linamore DeWilton CC 1910.

SIDNEY R. AND ARTHUR W. DIAMOND
SCHOLARSHIP FUND

(1986) Gift of Sidney R. Diamond '20 ° and Arthur W. Diamond '25 °.

LEONARD DICKSON SCHOLARSHIP FUND

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

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

(2001) Bequest of William A.S. Dollard '24.

MARTIN DORSCH STUDENT ASSISTANCE FUND

(1978) Bequest of Martin Dorsch.

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 Drori '04.

ELIZABETH AND DANIEL DWYER SCHOLARSHIP
FUND

(2010) Gift of Elizabeth A. Dwyer '92 °.

THE DYCKMAN INSTITUTE SCHOLARSHIP FUND

(1943) Gift of the Dyckman Institute.

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 '24.

STANLEY EDELMAN SCHOLARSHIP FUND

(2000) Gift of Henry Nias Foundation.

DR. JAMES C. EGBERT AND LESTER D. 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 '91.

ADOLPHUS EHRLICH SCHOLARSHIP FUND

(2011) Bequest of Adolphus O. Ehrlich.

THE ERIC EISNER SCHOLARSHIP FUND

(2010) Gift of Eric Eisner '70, P'11.

ABIGAIL ELBAUM SCHOLARSHIP FUND

(2007) Gift of Abigail Black Elbaum '92.

DANIEL GIRAUD ELLIOT FUND

(1949) Bequest of Margaret Henderson Elliot.

THE DAVID AND ALICE ENG FAMILY SCHOLARSHIP
FUND

(2007) Gift of Calvin Eng, John Eng, Catherine Eng and Eva Eng.

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 '96.

J. HENRY ESSER SCHOLARSHIP FUND

(1988) Gift of the Marion Esser Kaufman Foundation.

J. HENRY ESSER SCHOLARSHIP FUND

(2012) Gift of the Marion Esser Kaufman Foundation.

EXTER FAMILY SCHOLARSHIP FUND

(2011) Gift of Neil and Diane Exter P'14.

MICHAEL AND JANE DIEHL FACKENTHAL
SCHOLARSHIP AND FELLOWSHIP FUND

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

FALK WALLACE FAMILY SCHOLARSHIP

(2010) Gift of Edward E. Wallace '71 and Pamela S. Falk P'12, P'14.

HAMEN AND PHYLLIS FAN FAMILY SCHOLARSHIP
FUND

(2011) Gift of Hamen Shi Hoo Fan P'13.

FANG FAMILY SCHOLARSHIP FUND

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

GERALD FEINBERG MEMORIAL SCHOLARSHIP FUND

(2007) Bequest of Barbara Jene Feinberg P'92, P'95 in memory of her husband, Gerald Feinberg '53, P'92, P'95.

PHILIP FELDMAN SCHOLARSHIP FUND

(1985) Bequest of Philip Feldman CC 1918.

SYLVIA FELLER AND LUCILLE KNIPE SCHOLARSHIP FUND

(2000) Gift of Matthew W. Feller '76.

FERGANG FAMILY SCHOLARSHIP FUND

(2009) Gift of Yale M. Fergang '87.

E. ALVIN AND ELAINE M. FIDANQUE FUND

(1994) Bequest of E. Alvin Fidanque '26.

ANDREW L. FISHER '66 CC SCHOLARSHIP FUND

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

ELIZA AND CANNING FOK ENDOWED FUND FOR INTERNATIONAL STUDENT FINANCIAL AID

(2011) Gift of Canning Fok P'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.

MABEL V.P. SMITH FORSYTH SCHOLARSHIP FUND

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

GARY S. FRAGIN SCHOLARSHIP FUND

(1990) Gift of Gary S. Fragin.

IAN FORBES FRASER SCHOLARSHIP FUND

(1974) Bequest of Ian Forbes Fraser '29.

JOHN AND MAY FRASER SCHOLARSHIP FUND

(1974) Bequest of Ian Forbes Fraser '29.

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 '62, in memory of his parents, Doris and Jesse Freidin P'62.

ALBERT W. FRIBOURG SCHOLARSHIP FUND

(1993) Bequest of Albert W. Fribourg '24.

A. ALAN FRIEDBERG SCHOLARSHIP FUND

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

LAWRENCE N. FRIEDLAND SCHOLARSHIP FUND

(1991) Gift of Lawrence N. Friedland '47.

JACOB W. FRIEDMAN SCHOLARSHIP FUND

(1995) Gift of Jacob W. Friedman '33 °.

ROBERT AND BARBARA FRIEDMAN SCHOLARSHIP FUND

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

GORDON BROOK FULCHER, JR. SCHOLARSHIP FUND

(2011) Gift of Eleanor Fulcher in memory of her brother, Gordon Brook Fulcher '61.

PHILIP FUSCO MEMORIAL SCHOLARSHIP FUND

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

GAGUINE SCHOLARSHIP FUND

(1984) Gift of Benito Gaguine '32 °, P'69.

STUART GARCIA MEMORIAL SCHOLARSHIP FUND

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

DOUGLAS B. GARDNER SCHOLARSHIP FUND

(2002) Gift of Neal Wolkoff '77.

GEHRIG SCHOLARSHIP FUND

(1958) Gift of Mel Allen and various donors in honor of Lou Gehrig '25 °.

GEORGE AUGUSTUS GEIGER SCHOLARSHIP FUND

(1976) Bequest of Louise Lillian Geiger.

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 '75.

ARTHUR A. GLADSTONE ENDOWED SCHOLARSHIP FUND

(2009) Bequest of Arthur A. Gladstone '32.

JOSEPH E. GLASS JR. SCHOLARSHIP FUND

(1996) Gift of Christopher Karim Tahbaz '86 and various donors in memory of Joseph Glass '86.

MARK K. GLASSER FUND

(2008) Gift of Mark K. Glasser '73.

GM/EEOC ENDOWED SCHOLARSHIP FUND-COLUMBIA COLLEGE

(1984) Gift of General Motors/EEOC Endowed Scholarship Program.

THOMAS GLOCER SCHOLARSHIP FUND

(2013) Gift of Thomas H. Glocer '81.

CHARLES N. AND JANE GOLDMAN SCHOLARSHIP FUND

(1993) Gift of Charles N. Goldman '53.

ABRAHAM AND LEE GOLDEN SCHOLARSHIP FUND

(2011) Gift of Bruce Golden '81 and Michelle Mercer.

GOLDEN FUTURE SCHOLARSHIP FUND

(2012) Gift of an anonymous donor.

GOLDSCHMIDT FAMILY SCHOLARSHIP FUND

(2010) Gift of Lawrence E. Goldschmidt '64 and Beatrice C. Goldschmidt '32 ♀, P'64.

ERIC AND TAMAR GOLDSTEIN SCHOLARSHIP FUND

(2006) Gift of Eric S. Goldstein '80.

THE CARTER GOLEMBE SCHOLARSHIP FUND

(1995) Gift of various donors in honor of Carter H. Golembe '45 °.

JOHN P. GOMMES SCHOLARSHIP FUND

(2011) Gift of Thomas D. Gommès '98 in honor of his father, John Patrick Gommès P'98.

EMANUEL GOODMAN SCHOLARSHIP FUND

(1989) Bequest of Emanuel Goodman '22.

MAURICE AND SARA GOODMAN SCHOLARSHIP FUND

(1988) Gift of Maurice B. Goodman '23 ° in honor of Sara Goodman.

ALAN GORNICK SCHOLARSHIP FUND

(1990) Gift of Alan L. Gornick '35 °.

ROBERT J. KRANE AND JULIUS Y. GRAFF SCHOLARSHIP FUND

(1997) Gift of Robert J. Krane '63 ° and Diane Graff Krane '63 ♀, P'04 in honor of Diane's father, Julius Y. Graff, and later renamed in memory of Robert J. Krane '63 °, P'04.

THE SARAH E. GRANT SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(2007) Gift of Geoffrey T. and Annette Morrell Grant P'12, P'17.

GREATER NEW YORK MUTUAL INSURANCE COMPANY FUND

(1967) Gift of the Greater New York Mutual Insurance Company.

MATTHEW S. GREER SCHOLARSHIP FUND

(2010) Gift of Matthew Seymour Greer '00.

THE GEOFFREY E. GROSSMAN SCHOLARSHIP FUND

(2007) Gift of Geoffrey Eric Grossman '08.

THE MATTHEW C. GROSSMAN SCHOLARSHIP FUND

(2007) Gift of Matthew Craig Grossman '05.

THE SHARON AND PETER GROSSMAN FAMILY SCHOLARSHIP

(2005) Gift of Peter A. Grossman '79 and Sharon Grossman P'05, P'08.

PETER GRUENBERGER FAMILY SCHOLARSHIP FUND

(2000) Gift of Peter Gruenberger '58.

WALTER GUENSCH SCHOLARSHIP FUND

(2001) Gift of Walter Alfred Guensch '39.

LEE AND ELIZABETH GUITTAR SCHOLARSHIP FUND

(1994) Gift of Lee J. Guittar '53.

H. HAROLD GUMM AND ALBERT VON TILZER SCHOLARSHIP FUND

(1998) Bequest of H. Harold Gumm CC 1901.

LAWRENCE GUSSMAN COLUMBIA COLLEGE SCHOLARSHIP FUND

(1987) Gift of Lawrence A. Gussman '37 °, P'64 in honor of the fiftieth anniversary of his graduation.

G. HENRY HALL FUND

(1915) Bequest of George Henry Hall.

SEWARD HENRY HALL SCHOLARSHIP FUND

(2002) Bequest of Seward Henry Hall '37.

ALBERT J. HAMBRET FUND

(1969) Bequest of Albert J. Hambret.

ALEXANDER HAMILTON SCHOLARSHIP FUND

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

GEORGE HAMMOND SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(2004) Bequest of George Hammond '28.

JINDUK HAN AND FAMILY SCHOLARSHIP FUND

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

ELLEN KING HAND MEMORIAL FUND

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

JAMES RENWICK HARRISON SCHOLARSHIP FUND

(1936) Bequest of James Renwick Harrison '17.

PROFESSOR C. LOWELL HARRISS SCHOLARSHIP FUND

(1988) Gift of Lowell Gordon Harriss '68, P'99 in honor of his father, C. Lowell Harriss P'68.

LAWRENCE S. HARTE SCHOLARSHIP FUND
(1991) Gift of Lawrence S. Harte '53, P'88.

THE PETER AND HILARY HATCH SCHOLARSHIP FUND
(2008) Gift of Peter Arthur Hatch '92 and Hilary R. Hatch '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 Field Haviland CC 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 O'Malley '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 '36.

WILLIAM C. HEFFERNAN SCHOLARSHIP FUND
(1987) Gift of William C. Heffernan '68.

HELLENIC STUDENT FUND
(2013) Gift of an anonymous donor.

M. AND M. HERMAN SCHOLARSHIP FUND
(1988) Gift of Paul R. Herman '58, P'97, P'98 in memory of his parents, Murry and Miriam Herman P'58.

STEPHEN A. HERMIDES SCHOLARSHIP FUND
(1983) Bequest of Stephen A. Hermides.

RICHARD HERPERS MEMORIAL SCHOLARSHIP FUND
(1962) Gift of Mrs. Henry F. Herpers, Sr. in memory of her son, Richard Herpers '38.

DAVID B. HERTZ COLLEGE/ENGINEERING INTERSCHOOL SCHOLARSHIP FUND
(1989) Gift of David Bedndel Hertz '39.

OREN C. HERWITZ 1930 MEMORIAL ENDOWED SCHOLARSHIP FUND
(2009) Bequest of Mary E. Herwitz in memory of her husband, Oren C. Herwitz '30.

ANDREW L. HERZ SCHOLARSHIP FUND
(1988) Gift of Andrew L. Herz '68.

ROBERT IRWIN HERZ MEMORIAL FUND
(1969) Gift of Fred S. Herz °, P'66 ° in honor of his son, Robert I. Herz '66 °.

ABRAM S. HEWITT MEMORIAL
(1953) Gift of Norvin H. Green CC 1919 ° in memory of Abram S. Hewitt.

PROFESSOR GEORGE W. HIBBITT MEMORIAL SCHOLARSHIP FUND
(1966) Gift of Thomas E. Bratter '61, P'87, P'90 and other donors in memory of George Whiting Hibbitt.

RICHARD AND CHRISTIANE HIEGEL SCHOLARSHIP FUND
(2012) Gift of Richard J. Hiegel '56.

DAVID AND NANCY HILLIS SCHOLARSHIP FUND
(1988) Gift of Leslie David Hillis '67.

PATRICIA ELLEN HIRSCH SCHOLARSHIP FUND
(1977) Gift of various donors in memory of Patricia Ellen Hirsch.

CHARLES F. HOELZER JR., MEMORIAL SCHOLARSHIP FUND
(1980) Gift of various donors in memory of Charles F. Hoelzer Jr. '42.

HOFFEN FAMILY SCHOLARSHIP FUND
(2013) Gift of Howard Ira Hoffen and Sandra H. Kim Hoffen '87.

ROBERTA L. AND JOEL S. HOFFMAN SCHOLARSHIP FUND
(1996) Gift of Joel S. Hoffman '67, P'05.

FRANK AND MARY HOGAN SCHOLARSHIP FUND
(1975) Gift of Mary R. Hogan ° in memory of her husband, Frank Smithwick Hogan '24.

JOHAN JØRGEN HOLST SCHOLARSHIP FUND
(1994) Gift of the American Scandinavian Foundation.

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 '48 °.

ELISSA HOROWITZ SCHOLARSHIP FUND
(2004) Gift of Benjamin Abraham Horowitz '88, P'11, P'16.

FELICIA AND BEN HOROWITZ SCHOLARSHIP FUND

(2010) Gift of Benjamin Abraham Horowitz '88, P'11, P'16.

LIBBY HOROWITZ SCHOLARSHIP FUND

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

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

(2002) Gift of Russell C. Horowitz '88 and Melonee A. Horowitz.

CHARLES EUGENE HUBER JR. M.D. SCHOLARSHIP FUND

(1970) Bequest of Francis D. Huber '25 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'65 in memory of her son, John L. Huemer '65.

THE MICHAEL AND BETH HUGHES FAMILY ENDOWED SCHOLARSHIP FUND

(2008) Gift of Michael Joseph and Beth Ann Hughes.

HUMANITIES SCHOLARSHIP FUND IN HONOR OF JACQUES BARZUN

(1987) Gift of Vincent A. Carrozza '49 in honor of Jacques Barzun '27 °.

ALLEN HYMAN SCHOLARSHIP FUND

(2005) Gift of Allen I. Hyman '55 and Valerie Ann Hyman P'85, P'88.

ANDREW HYMAN AND MOLLY CHREIN SCHOLARSHIP FUND

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

HELEN K. IKELER SCHOLARSHIP FUND

(1996) Bequest of Helen K. Ikeler.

ANTHONY M. IMPARATO, M.D. SCHOLARSHIP FUND

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

ORRIN C. ISBELL FUND

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

MARTIN D. JACOBS MEMORIAL FUND

(1987) Gift of Stephen Jacobs '75 in memory of his father, Martin D. Jacobs '25, P'75.

JACOBSON BERLINSKI FAMILY SCHOLARSHIP FUND

(2011) Gift of Britta Wilson Jacobson '96.

JAFFE FAMILY SCHOLARSHIP FUND

(1988) Gift of Henry Jaffe '27 °, P'88 in honor of his daughter, Rebecca Jaffe '88.

GEORGE M. JAFFIN SCHOLARSHIP FUND

(1986) Gift of George M. Jaffin '24 °.

DOROTHEA JAMESON AND LEO M. HURVICH SCHOLARSHIP FUND

(2011) Bequest of Leo M. Hurvich.

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 '30.

FREDERICK R. JOHNSON FUND

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

RICK AND LEE JOHNSON MEMORIAL SCHOLARSHIP FUND

(1987) Gift of Rick Johnson '71 ° in memory of his father Lee Johnson and later renamed in his memory by his wife, WeiWei Du '71 ♢.

AL JOLSON FUND

(1962) Bequest of Al Jolson.

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 '80 °.

THEODORE KAHAN SCHOLARSHIP FUND

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

ALAN R. KAHN FAMILY SCHOLARSHIP FUND

(1999) Gift of Alan Russell Kahn '59, P'95.

PROCTOR WILLIAM E. KAHN SCHOLARSHIP FUND

(1986) Gift of various donors in memory of William E. Kahn '78.

THE KAISER FAMILY SCHOLARSHIP

(2010) Gift of Michael Gunther Kaiser and Michelle Estilo Kaiser '87.

SANDRA AND MICHAEL KAMEN SCHOLARSHIP FUND

(2011) Gift of Michael W. Kamen '66, P'01.

VICTOR V. KAMINSKI III MEMORIAL SCHOLARSHIP FUND

(2002) Gift of various donors in memory of Victor V. Kaminski '79.

LAMONT AND LEAH KAPLAN SCHOLARSHIP FUND

(1984) Gift of Martin S. Kaplan '61, P'89, in honor of his parents, Lamont and Leah E. Kaplan P'61.

THE ROBERT AND SHIRLEY KAPLAN AND JOSEPH AND HELEN KOHN SCHOLARSHIP FUND

(2007) Gift of Arthur Henry '84 and Ruth Lori Kohn P'13.

RAVI KAPUR SCHOLARSHIP FUND

(1982) Gift of various donors in memory of Ravi Kapur '79.

JUDY AND JEANETTE KATEMAN MEMORIAL SCHOLARSHIP FUND

(1987) Gift of Paul R. Kateman '64, P'83, P89 in memory of his wife, Judy Kateman, and mother, Jeanette Kateman.

RALPH KEEN SCHOLARSHIP FUND

(2001) Gift of Ralph Keen '79.

ELLWOOD WADSWORTH KEMP, JR., COLUMBIA COLLEGE CLASS OF 1919 MEMORIAL SCHOLARSHIP FUND

(1990) Bequest of Morris Kemp '24 in memory of his brother, Ellwood W. Kemp CC 1919.

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 '82.

GRACE BEACHEY KEMPER FUND

(1962) Bequest of Grace Beachey 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.

KERZNER SCHOLARSHIP FUND

(2011) Gift of Heather O'Brien Kerzner '91.

MOSSETTE AND HENRI KEYZER-ANDRE SCHOLARSHIP FUND

(1988) Gift of Henri and Mossette Keyzer-Andre.

SEILAI KHOO MEMORIAL SCHOLARSHIP FUND

(2001) Gift of Solomon Henriques Gayle '85 in memory of his fiancée, Seilai Khoo '86.

KIM FAMILY FUND

(2013) Gift of Sung Hoon Kim '90.

THE MARK AND ANLA CHENG KINGDON FUND

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

GRAYSON KIRK SCHOLARSHIP FUND

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

KN SCHOLARSHIP FUND GIFT

(1995) Gift of Kallman Nashner °.

THE JEFFREY D. KNOWLES SCHOLARSHIP

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

LAWRENCE AND RUTH KOBRIN SCHOLARSHIP FUND

(1993) Gift of Lawrence A. Kobrin '54, P'92.

DR. RUTH M. KOCH SCHOLARSHIP FUND

(2006) Bequest of Ruth M. Koch.

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 '23.

DAVID H. KRAFT SCHOLARSHIP FUND

(1995) Gift of Gilman Kraft '47 °.

ROBERT KRAFT FAMILY SCHOLARSHIP FUND

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

KRAMER ENDOWED SCHOLARSHIP FUND

(1965) Gift of the Kramer Foundation.

MARCY AND JOSH KREVITT SCHOLARSHIP FUND

(1913) Gift of Josh Andrew Krevitt '89 and Marcy Nislow Krevitt.

THE KRISBERG FAMILY SCHOLARSHIP

(2006) Gift of Brian C. Krisberg '81, P'17.

JOSEPH WOOD KRUTCH SCHOLARSHIP FUND #2

(1973) Gift of Marcelle L. Krutch ° in memory of her husband, Joseph W. Krutch '54 HON.

RICK KURNIT AND DIANE KATZIN SCHOLARSHIP FUND

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

THE KUNG AND YEUNG SCHOLARSHIP FUND

(2011) Gift of Kenneth Chun Pong and Ann Yeung Kung P'11.

PAUL SAMUEL KURZWEIL SCHOLARSHIP FUNDS

(1996) Gift of Harvey Kurzweil '66, P'95, P'00.

LATINO AMERICAN ALUMNI ASSOCIATION OF
COLUMBIA UNIVERSITY SCHOLARSHIP FUND
(2009) Gift of various donors.

PREM LACHMAN SCHOLARSHIP FUND
(2009) Gift of Prem A. Lachman '82 and Joyce Falini
Lachman.

NORMAN JOSEPH LANDAU SCHOLARSHIP FUND
(1999) Gift of Lisa Landau Carnoy '89 in memory of her
father, Norman J. Landau P'89.

JERRY G. LANDAUER SCHOLARSHIP FUND
(1981) Gift of various donors, and bequest of Jerry G.
Landauer '53.

PATRICIA LANDMAN AND DANIELLE LANDMAN
MEMORIAL FUND
(2007) Bequest of Shirley Landman.

DENNIS H. AND SUSAN F. LANGER SCHOLARSHIP
FUND
(1997) Gift of Dennis H. Langer '71 and Susan F. Langer
P'04, P'08.

DENNIS H. AND WILLIAM A.F. LANGER
SCHOLARSHIP
(2001) Gift of Gift of Dennis H. Langer '71 and Susan F.
Langer P'04, P'08.

GEORGE R. LANYI MEMORIAL FOUNDATION
SCHOLARSHIP FUND
(1992) Gift of Andrew A. Lanyi in memory of his son, George
R. Lanyi.

MARTHA C. LAPPAS SCHOLARSHIP FUND
(1991) Bequest of Martha C. Lappas.

PETER I. B. LAVAN SCHOLARSHIP FUND
(1983) Gift of Peter I.B. Lavan '15 °.

JONATHAN AND JEANNE LAVINE SCHOLARSHIP
FUND
(2011) Gift of Jonathan Scott Lavine '88, P'16, P'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 '36 °.

HARRY R. LEA SCHOLARSHIP FUND
(1993) Bequest of Harry R. Lea '25.

ESTELLE LEAVY SCHOLARSHIP FUND
(1984) Bequest of Estelle Leavy.

THE LEE FAMILY SCHOLARSHIP FUND
(2008) Gift of Jay-Hyun Lee P'08, P'13.

FRANK LAMPSON LEE SCHOLARSHIP FUND
(1987) Gift of Frank H. Lee °, P'50 in memory of his son,
Frank Lampson Lee '50.

GRANVILLE WHEELER LEE, SR., CLASS OF 1931,
MEMORIAL SCHOLARSHIP FUND
(1997) Gift of Granville Wheeler Lee Jr. and Mildred Kimble
Lee '31 ◊ in memory of their father and husband respectively,
Granville W. Lee '31.

KAI-FU AND SHEN-LING LEE SCHOLARSHIP FUND
(2008) Gift of Kai-Fu Lee '83, P'12.

K.C. LEE SCHOLARSHIP FUND
(2009) Gift of Rupert X. Li '84.

ERWIN H. LEIWANT SCHOLARSHIP FUND
(1991) Gift of Irene K. Leiwant '41 ◊, P'71, P'74 in memory
of her husband, Erwin H. Leiwant '41, P'71, P'74, on the
fiftieth anniversary of his graduation.

HAROLD LEVENTHAL SCHOLARSHIP FUND
(2010) Gift of Peter Buscemi '69 and Judith A. Miller.

THE LEVINE FAMILY SCHOLARSHIP FUND
(2004) Gift Joseph H. Levine '76 and Karen Levine P'07.

LEONARD LEVINE SCHOLARSHIP FUND
(1984) Gift of Rachel Levine ° in memory of her husband,
Leonard Levine '21.

JOHN TAYLOR LEWIS SCHOLARSHIP FUND
(1979) Gift of various donors in memory of John T. Lewis
'74.

ROBERT D. LILLEY MEMORIAL SCHOLARSHIP AND
FELLOWSHIP FUND
(1988) Gift of various donors in memory of Robert D. Lilley
'33, '81 HON.

SALLY LIPPER MEMORIAL SCHOLARSHIP
(1993) Gift of Kenneth Lipper '62 in memory of his mother,
Sally Lipper P'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 '31.

HARRY LEON LOBSENZ SCHOLARSHIP FUND
(1962) Gift of the Harry L. Lobsenz Foundation.

MARGARET M. AND DANIEL S. LOEB SCHOLARSHIP
ENDOWMENT FUND
(2010) Gift of Daniel S. Loeb '83 and Margaret Loeb.

JAMES J. AND JOVIN C. LOMBARDO SCHOLARSHIP FUND

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

FRANK AND VICTOR LOPEZ-BALBOA SCHOLARSHIP FUND

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

THE BENJAMIN B. AND BETSY A. LOPATA SCHOLARSHIP FUND

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

LORENZO FAMILY SCHOLARSHIP FUND

(1992) Gift of Francisco A. Lorenzo '61.

OLEGARIO LORENZO MEMORIAL SCHOLARSHIP FUND

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

IRWIN AND MARIANETTE L. LOWELL SCHOLARSHIP FUND

(2004) Bequest of Irwin E. Lowell '27.

STANLEY B. AND JUDITH M. LUBMAN SCHOLARSHIP FUND

(1998) Gift of Stanley B. Lubman '55, and Judith M. Lubman.

A. LEONARD LUHBY CLASS OF 1938 SCHOLARSHIP FUND

(2004) Gift of Sarah Luhby '38 ♀, P'92 in memory of her husband, A. Leonard Luhby '38, P'92.

LUI FAMILY SCHOLARSHIP

(2011) Gift of Frederick Lui P'15.

LYON STUDENT SCHOLARSHIP FUND FOR COLUMBIA COLLEGE

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

THOMAS MACIOCE SCHOLARSHIP FUND

(1986) Gift of Edwin W. Rickert '36 ♂ and various donors in honor of Thomas M. Macioce '39.

M&BG SCHOLARSHIP FUND

(2006) Gift of an anonymous donor.

MALIN-SERLE FAMILY SCHOLARSHIP FUND

(2011) Gift of Ira Brett Malin '75 and Janet Barbara Serle P'11, P'17.

DONALD LEE MARGOLIS SCHOLARSHIP FUND

(1988) Gift of Donald L. Margolis '63.

JAMES, DONALD, AND EMILY MARGOLIS SCHOLARSHIP FUND

(1993) Gift of Donald L. Margolis '63.

HERBERT MARK '42 MEMORIAL SCHOLARSHIP FUND

(2007) Gift of various donors in memory of Herbert Mark '42.

DR. JEROME & CORA MARKS SCHOLARSHIP FUND

(2012) Bequest of Cora M. Marks.

MICHAEL E. MARTOCCI SCHOLARSHIP FUND

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

THE AARON LEO MAYER SCHOLARSHIP FUND

(2007) Bequest of Lillian C. Mayer P'56.

BARBARA MAZUR SCHOLARSHIP FUND

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

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 '61.

PAUL C. MCCORMICK SCHOLARSHIP FUND

(2010) Gift of Paul Christian McCormick '78, P'10, P'14.

WILLIAM MCDAVID SCHOLARSHIP FUND

(2008) Gift of William H. McDavid, Class of 1968, P'08, P'10, P'14.

NICHOLAS MCDOWELL MCKNIGHT SCHOLARSHIP FUND

(1962) Bequest of Carl J. McKnight.

KATHLEEN MCDERMOTT SCHOLARSHIP FUND

(2011) Gift of various donors in memory of Kathleen McDermott.

PATRICK AND YVETTE MCGARRIGLE COLLEGE SCHOLARSHIP

(2011) Gift of Patrick McGarrigle '86.

SPENCER J. MCGRADY SCHOLARSHIP FUND

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

MABEL C. MEAD FUND

(1958) Bequest of Mabel C. Mead.

RAPHAEL MEISELS SCHOLARSHIP FUND

(1985) Gift of Raphael Meisels '21 ♂.

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

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

SAMUEL AND BLANCHE MENDELSON MEMORIAL
SCHOLARSHIP FUND

(1983) Gift of Laurans A. Mendelson '60, P'87, P'89.

MESHEL FAMILY SCHOLARSHIP FUND

(2011) Gift of Adam Reid Meshel '92, P'18.

ASENATH KENYON AND DUNCAN MERRIWETHER
SCHOLARSHIP FUND

(1991) Bequest of Duncan Merriwether '28.

LILLIAN S. MICHAELSON SCHOLARSHIP FUND

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

JOSEPH S. MICHATOM SCHOLARSHIP FUND

(1948) Bequest of Joseph Stewart Michtom.

THE IRA L. MILLER FAMILY SCHOLARSHIP FUND

(2004) Gift of Edward Joseph Miller '73, Howard Miller '76,
Robert J. Miller '76 and Stephen Miller '69.

MILLER-HEDIN FAMILY SCHOLARSHIP

(2008) Gift of Evan Miller '78.

MAX MILLER SCHOLARSHIP FUND

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

MEREDITH G. MILSTEIN SCHOLARSHIP FUND

(2011) Gift of Meredith G. Milstein '09.

PHILIP AND CHERYL MILSTEIN SCHOLARSHIP
FUND

(1987) Gift of Philip L. Milstein '71 and Cheryl S. Milstein
P'09, P'10.

SEYMOUR MILSTEIN SCHOLARSHIP FUND

(2002) Gift of Philip Milstein '71, P'09, P'10.

THOMAS AND JOY MISTELE SCHOLARSHIP FUND

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

JOHN P. MITCHEL MEMORIAL FUND

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

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 '24 °.

DR. ROYAL M. MONTGOMERY SCHOLARSHIP
FUND

(1992) Gift of Maxine C. Montgomery ° in honor of her
husband, Royal M. Montgomery '28 °.

SIDNEY MORGENBESSER MEMORIAL FUND

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

JAMES P. MORRISON SCHOLARSHIP FUND

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

DAISY IRENE LUTZ MORSE MEMORIAL FUND

(2005) Bequest of Herbert C. and Elizabeth B. Morse.

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 '30.

MUKHERJEE-RUSSELL MEMORIAL FUND

(2010) Gift of Tanmoy Mukherjee '86.

PROFESSOR HERMAN J. MULLER SCHOLARSHIP
FUND

(2008) Bequest of Charles S. Lyons.

GLADYS H. MUÑOZ SCHOLARSHIP FUND

(1996) Gift of Carlos R. Muñoz '57.

STAN MUSIAL SCHOLARSHIP FUND

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

THOMAS A. NACLERIO SCHOLARSHIP FUND

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

ALI NAMVAR SCHOLARSHIP FUND

(2011) Gift of Ali Namvar '91.

JON NARCUS SCHOLARSHIP FUND

(2004) Gift of John S. Freidin '62, Burton Lehman '62 and
Jerry I. Speyer '62, P'92.

AMERICO C. NARDIS SCHOLARSHIP FUND

(2008) Gift of Americo Carmine Nardis '98.

MURRAY AND BELLE NATHAN SCHOLARSHIP
ENDOWMENT

(2011) Bequest of Murray L. Nathan '34 and Belle C.
Nathan.

NAWN FAMILY SCHOLARSHIP FUND

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

THOMAS B. NEFF SCHOLARSHIP FUND

(1969) Gift of Thomas B. Neff '51 °.

THE CHARLES E. AND DOROTHY C. NEWLON
SCHOLARSHIP FUND

(2010) Bequest of Charles E. Newlon '41.

JEROME A. NEWMAN SCHOLARSHIP FUND

(1956) Gift of Jerome A. Newman '17 ° in honor of the fortieth anniversary of his graduation.

NG TENG FONG SCHOLARSHIP

(2011) Gift of Daryl Win-Kong Ng '01.

NG TENG FONG SCHOLARSHIP FUND

(2005) Gift of Robert Chee-Siong Ng P'01, P'12, P'14.

LOUIS AND MARINA NICHOLAS SCHOLARSHIP
FUND

(1998) Gift of Socrates Nicholas '56.

9/11 MEMORIAL FUND SCHOLARSHIP

(2002) Gift of Robert Berne '60, Mark E. Kingdon '71, P'09, P'16, Philip L. Milstein '71, P'09, P'10, Richard E. Witten '75, P'10 and various donors in memory of Richard A. Aronow '75, Robert M. Murach '78, John B. Fiorito '82, Seilai Khoo '86, Brian Patrick Williams '94, Joseph A. Della Pietra '99, Brooke Alexandra Jackman '00, and Tyler Victor Ugolyn '01.

ADRIANE NOCCO SCHOLARSHIP FUND

(2010) Gift of Frank Paul Nocco '85 in honor of his mother, Adriane G. Nocco P'85.

DAVID NORR, CLASS OF 1943 SCHOLARSHIP FUND

(1981) Gift of David Norr '43 °.

NORRY FAMILY SCHOLARSHIP FUND FOR THE
COLLEGE

(1984) Gift of Neil J. Norry '59 °, P'85 in honor of the twenty-fifth anniversary of his graduation.

DOROTHY O'BRIEN AND FERDINAND J.
SIEGHARDT SCHOLARSHIP FUND

(1977) Bequest of Ferdinand J. Sieghardt.

ALFRED OGDEN FUND

(1989) Bequest of Alfred Odgen CC 1909.

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

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

GIDEON H. OPPENHEIMER SCHOLARSHIP FUND

(1971) Bequest of Gideon H. Oppenheimer '47.

GEORGE M. ORPHANOS SCHOLARSHIP FUND

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

BLANCHE WITTES OSHEROV SCHOLARSHIP FUND

(2004) Bequest of Blanche Wittes Osharov.

OZ FAMILY SCHOLARSHIP FUND

(2009) Gift of Mehmet C. and Lisa Jane Oz P'12.

OZALTIN FAMILY SCHOLARSHIP FUND

(2010) Gift of Nuri Ozaltin.

PACKER-BAYLISS SCHOLARS

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

STELIOS AND ESPERANZA PAPADOPOULOS
SCHOLARSHIP FUND

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

EMANUEL M. PAPPER AND PATRICIA M.
SCHOLARSHIP FUND

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

MAX PAPPER SCHOLARSHIP FUND

(1961) Gift of Lillian M. Jaffe, Emanuel M. Papper '35, '88 HON °, and Salomon Papper '42 °.

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 '69.

ROBERT I. PEARLMAN SCHOLARSHIP FUND - CC

(1989) Gift of Robert I. Pearlman '55.

B. DAVID AND ROSANN PECK SCHOLARSHIP FUND

(1989) Gift of Barry David Peck '59, P'91.

ROBERT L. PELZ SCHOLARSHIP FUND

(1989) Gift of Robert L. Pelz '39 °.

ANTHONY PENALE SCHOLARSHIP FUND

(1996) Bequest of Anthony G. Penale.

HERBERT C. PENTZ SCHOLARSHIP FUND

(2002) Bequest of Herbert C. Pentz '22.

DR. M. MURRAY AND LILLIAN PESHKIN
SCHOLARSHIP FUND

(1991) Bequest of Lillian R. Peshkin.

DR. NIS A. PETERSEN SCHOLARSHIP FUND

(2008) Bequest of Dr. Nis Adolph Petersen '51.

WILLIAM E. PETERSEN SCHOLARSHIP FUND

(1992) Gift of William E. Petersen '27, P'68 °.

THE PETITO FAMILY SCHOLARSHIP FUND

(2007) Gift of Dominic Anthony Petito '77 and Paula Kessler Petito P'13.

MARY ELLEN AND BRUCE EBEN PINDYCK
SCHOLARSHIP FUND

(1981) Gift of Bruce Eben Pindyck '67 and Mary Ellen Pindyck P'03.

FRANK R. PITT SCHOLARSHIP FUND
(1967) Gift of Frank R. Pitt '28 °.

FRANK R. PITT SCHOLARSHIP FUND
(2000) Bequest of Frank R. Pitt '28.

PLANALP TREVOR FAMILY SCHOLARSHIP FUND
(2010) Gift of Stephen S. Trevor '86 and Ronnie Dell Planalp.

ELVIRA AND HAROLD POLLACK MEMORIAL SCHOLARSHIP FUND
(1998) Bequest of Roy Howard Pollack in memory of his parents, Harold and Elvira Pollack.

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 '74 in honor of Peter R. Pouncey P'00.

LEONARD PRICE SCHOLARSHIP FUND
(2006) Bequest of Leonard Price '28.

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 °.

QUANDT FAMILY FUND
(2012) Gift of Gabriele Quandt P'12 and Leonard Langenscheidt '12.

ROBERT T. AND MARILYN L. QUITTMAYER SCHOLARSHIP FUND
(1986) Gift of Robert T. Quittmeyer '41 ° in honor of the fiftieth anniversary of his graduation.

STANLEY A. AND BARBARA B. RABIN SCHOLARSHIP FUND
(2007) Gift of Stanley A. Rabin '58 and Barbara B. Rabin.

THOMAS D. RABIN SCHOLARSHIP FUND
(1997) Gift of I. Stephen Rabin '55 and Ruth H. Rabin in memory of their son, Thomas Daniel Rabin.

RAPAPORT SCHOLARSHIP FUND IN MEMORY OF HENRY N. RAPAPORT, CC 1925, LAW 1927
(1985) Gift of Michael S. Rapaport '64, Peter A. Rapaport, David A.H. Rapaport '69, Robert D. Rapaport, Martin S. Rapaport '62, P'09, Richard A. Rapaport '96 and M. Murray Peshkin °.

BROOKE AND RICHARD RAPAPORT SCHOLARSHIP FUND
(1999) Gift of Richard A. Rapaport '69.

PROFESSOR WILLIAM H. REINMUTH SCHOLARSHIP FUND
(1988) Gift of Curtis Instruments in memory of William H. Reinmuth, P'89.

ROSE AND SAM REISS SCHOLARSHIP FUND
(1987) Gift of Robert S. Reiss '52, in honor of his parents, Sam and Rose Reiss P'52.

HUBERT M. RELYEA SCHOLARSHIP FUND
(1993) Bequest of Hubert M. Relyea '31.

PATRICIA REMMER BC '45 - COLUMBIA COLLEGE SCHOLARSHIP FUND
(2004) Gift of Patricia Cady Remmer °.

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.

EDWIN ROBBINS CC 1953 RESIDENTIAL SCHOLARSHIP FUND
(1985) Gift of Edwin Robbins '53.

EDWIN ROBBINS CC 1953 RESIDENTIAL SCHOLARSHIP FUND II
(2014) Gift of Edwin Robbins '53.

ADELINE AND GERARD ROBERTS SCHOLARSHIP FUND
(1979) Bequest of Adeline Roberts.

DR. DUDLEY F. ROCHESTER SCHOLARSHIP FUND
(1998) Gift of Dudley F. Rochester '50.

RODIN LEVINE FAMILY SCHOLARSHIP
(2011) Gift of John D. Rodin '97 and Rachel Levine Rodin '97.

HENRY WELSH ROGERS SCHOLARSHIP FUND
(2006) Bequest of Henry Welsh Rogers.

HOWARD MALCOLM ROGERS SCHOLARSHIP FUND
(1925) Bequest of Henrietta Rogers.

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

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

IDA ROSENBERG SCHOLARSHIP FUND
(1999) Gift of Robert Jay Rosenberg '67, P'99, Marcia R. Fox P'99 and Lauren Rosenberg Gershell '99.

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.

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

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

LEWIS A. ROSENTHAL SCHOLARSHIP FUND
(1951) Gift of William Rosenthal P'28 in memory of his son, Lewis A. Rosenthal '28.

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

EUGENE T. ROSSIDES SCHOLARSHIP FUND
(1996) Gift of Eugene T. Rossides '49, P'84.

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

DAVID H. ROUS SCHOLARSHIP FUND
(1973) Gift of various donors in memory of David H. Rous '25.

JOSEPH RUBIN SCHOLARSHIP FUND
(1975) Gift of Harvey Rubin '54, P'82, P'87 in memory of his father, Joseph Rubin P'54.

SAMUEL RUDIN SCHOLARSHIP FUND
(2000) Gift of Paul A. Marks '46 and Joan H. Marks.

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

PETER F. RUSSELL SCHOLARSHIP FUND
(1987) Gift of various donors in memory of Peter F. Russell '62.

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

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

DAVID G. SACKS SCHOLARSHIP FUND
(2005) Bequest of David G. Sacks '44.

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 '36 °, P'67, P'69.

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

ERIC F. SALTZMAN SCHOLARSHIP FUND
(1986) Gift of Eric F. Saltzman '69, P'11.

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

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

HERB AND PEARL SANDICK SCHOLARSHIP FUND
(2010) Gift of Herbert Sandick '43 °, P'70.

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

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

ALEXANDER SAUNDERS SCHOLARSHIP FUND
(1922) Bequest of Mary Ellen Saunders 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.

MORRIS A. AND ALMA B. SCHAPIRO SCHOLARSHIP FUND

(1999) Gift of Alma and Morris Schapiro Fund.

SCHENLEY INDUSTRIES, INC., SCHOLARSHIP FUND

(1962) Gift of Schenley Industries Inc. in memory of Ralph T. Heymsfeld '27, P'65.

JONATHAN SCHILLER SCHOLARSHIP FUND

(2011) Gift of Jonathan D Schiller, Esq., '69, P'01, P'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.

JOHN NORBERT SCHMITT SCHOLARSHIP FUND

(2011) Bequest of John Norbert Schmitt '32.

SAMUEL SCHOLNICK SCHOLARSHIP FUND

(2001) Gift of Arnold R. Tolkin '54, P'79, P'82.

SAMUEL AND ANNA SCHREIBER SCHOLARSHIP FUND

(1987) Gift of Leonard I. Schreiber '35 °.

ROBERT SCHWARZ SCHOLARSHIP FUND

(1968) Gift of the Schwarz family.

GERTRUDE AND WILLIAM P. SCHWEITZER SCHOLARSHIP FUND IN THE SCIENCES

(1990) Bequest of Gertrude Schweitzer.

WILLIAM P. SCHWEITZER SCHOLARSHIP FUND

(1973) Gift of Gertrude Schweitzer ° P'60, in memory of her husband William P. Schweitzer '21, P'60.

MARY H. SCRANTON SCHOLARSHIP FUND

(1936) Bequest of Mary N. Scranton.

LEONARD T. SCULLY SCHOLARSHIP FUND

(1957) Gift by the Estate of Millicent W. Smyth.

FRANK LINWOOD AND GRACE FARRINGTON SEALY FUND

(1989) Bequest of Donald F. Sealy CC 1918.

THE ALBERT A. SEGNA MEMORIAL SCHOLARSHIP FUND

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

KARL LUDWIG SELIG SCHOLARSHIP FUND

(2001) Gift of Thomas H. Glocer '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 '63, P'87 in honor of his parents, Mr. and Mrs. Ping Ling Seng.

ARTHUR J. AND KATHERINE FLINT SHADEK SCHOLARSHIP FUND

(1970) Gift of Arthur J. Shadek °, P'74 and Katherine F. Shadek.

NORMAN SHAPIRO SCHOLARSHIP FUND

(1977) Gift of Eleanor Redman Shapiro.

REUBEN SHAPIRO SCHOLARSHIP FUND

(2010) Gift of Robert J. Grey '72 and Susan Grey.

SOLOMON AND DORA MONNESS SHAPIRO SCHOLARSHIP FUND

(1952) Bequest of Dora Monness Shapiro.

GEORGE SHAW SCHOLARSHIP FUND

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

JAMES PATRICK SHENTON SCHOLARSHIP FUND

(1998) Gift of Socrates Nicholas '56.

WILLIAM BROCK SHOEMAKER FUND

(1908) Gifts of Henry F. Shoemaker and Ella de Peyster Shoemaker.

JESSE SIEGEL SCHOLARSHIP FUND

(1984) Gift of Jesse S. Siegel '49 °.

SIDNEY J. SILBERMAN SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(1998) Gift of Sidney J. Silberman '42 °.

RONALD K. SIMONS CC '82 SCHOLARSHIP

(2003) Gift of Ronald K. Simons '82.

SINGH FAMILY SCHOLARSHIP FUND

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

MARVIN SIROT SCHOLARSHIP FUND

(1984) Gift of Margaret Sirot '56 ♦ and their children in memory of Marvin Sirot '56.

SAMUEL T. SKIDMORE SCHOLARSHIP FUND

(1990) Bequest of Samuel T. Skidmore.

JOSEPH M. SKRYPISKI SCHOLARSHIP FUND

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

LAWRENCE SLAUGHTER SCHOLARSHIP FUND
(2010) Gift of Lawrence D. Slaughter '85.

ERIC V. SMITH SCHOLARSHIP FUND
(1994) Gift of Blair W. Smith and various donors in memory of Eric Vaughan Smith '88.

GLORIA KAUFMAN KLEIN SMITH SCHOLARSHIP FUND
(2009) Bequest of Gloria K. Smith.

DAVID W. SMYTH SCHOLARSHIP FUND
(1926) Gift of David W. Smyth °.

SOLENDER FAMILY FUND
(2011) Gift of Michael Samuel Solender '86, P'17.

JOSEPH SOLOMON PRESIDENTIAL SCHOLARS AND FELLOWS FUND
(1983) Bequest of Julius C. Levi via the Laura Boulton Trust.

HERBERT B. SOROCA SCHOLARSHIP FUND
(1990) Gift of Herbert B. Soroca '63.

SPINGARN FAMILY SCHOLARSHIP FUND
(1990) Gift of James L. Spingarn '62, P'89.

ARTHUR B. SPINGARN SCHOLARSHIP FUND
(1993) Bequest of Arthur B. Spingarn CC1897.

SUSTAINABLE DEVELOPMENT SCHOLARSHIP ENDOWMENT FUND
(2010) Gift of Joseph H. Ellis '64 and Barbara Ellis.

LISA AND DAVID STANTON FAMILY SCHOLARSHIP
(2011) Gift of David B. Stanton '77, P'09, P'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.

ALAN AND RUTH STEIN SCHOLARSHIP FUND
(1986) Gift of Alan L. Stein '52 and Ruth S. Stein.

ALAN W. STEINBERG SCHOLARSHIP FUND
(1990) Gift of Alan W. Steinberg '48 and Suzanne Steinberg.

MRS. RICHARD STEINSCHNEIDER SCHOLARSHIP FUND
(1958) Gift of Richard Steinschneider CC 1919 ° and Marie Rowan Steinschneider °.

MICHAEL D. STEPHENS SCHOLARSHIP FUND
(2002) Gift of Michael D. Stephens '66.

HERBERT B. STERN SCHOLARSHIP FUND
(1997) Gift of Herbert Barry Stern '59, P'07.

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

ARNOLD AND MATILE STIEFEL SCHOLARSHIP FUND
(1948) Bequest of Matile L. Stiefel.

SAMUEL STONE MEMORIAL SCHOLARSHIP FUND
(1992) Gift of Robert S. Stone '59, P'91, Chester I. Stone '67 and Phyllis Beth Stone '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 Hays Sulzberger CC 1913, '59 HON °, P'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 '46 and Marjorie Sunshine P'79.

SWERGOLD FAMILY SCHOLARSHIP FUND
(1990) Gift of Leopold Swergold '62.

ANNA WARE AND MACRAE SYKES SCHOLARSHIP FUND
(1963) Gift of Macrae Sykes '33 ° in honor of his mother, Anna G. Collins ° P'33 °.

ROBERT J. SZARNICKI FAMILY SCHOLARSHIP FUND
(2000) Gift of Robert J. Szarnicki '65.

DANIEL TAMKIN AND CINDY CARDINAL SCHOLARSHIP FUND
(2009) Gift of Daniel Tamkin '81 and Lucinda M. Cardinal P'12.

CHANG CHAN YUK PING SCHOLARSHIP FUND
(2011) Gift of Eric Mang Pui and Pamela Tang P'09.

THE ANGELO TARALLO MEMORIAL SCHOLARSHIP FUND
(2005) Gift of Patricia Tarallo '61 ◊.

ABRAHAM TAUB SCHOLARSHIP FUND
(1991) Bequest of Abraham Taub.

WALLACE TAYLOR MEMORIAL SCHOLARSHIP FUND
(1992) Gift of Sachems alumni.

WILLIAM TOWSON TAYLOR SCHOLARSHIP FUND
(1976) Bequest of William T. Taylor '21 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 '76, P'14.

FRANKLIN A. THOMAS SCHOLARSHIP FUND
(2008) Gift of Franklin A. Thomas '56, '79 HON.

BLANCHE S. THORMAN SCHOLARSHIP FUND
(1972) Bequest of Blanche S. Thorman.

THE ISABEL AND IRVING N. TOLKIN MEMORIAL SCHOLARSHIP FUND
(1983) Gift of the Irving Tolkin Foundation, Inc.

LAURIE J. AND JEFFREY D. TOLKIN SCHOLARSHIP FUND
(2000) Gift of Jeffrey D. Tolkin '79 and Laurie J. Tolkin.

LILLIAN AND TRYGVE H. TONNESSEN SCHOLARSHIP FUND
(1989) Gift of Trygve H. Tonnessen '39 and Lillian S. Tonnessen °.

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

GRACE C. TOWNSEND SCHOLARSHIP FUND
(1940) Bequest of Grace C. Townsend.

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 '93.

THE TUKMAN FAMILY SCHOLARSHIP FUND
(2007) Gift of the Tukman Family.

ARTHUR S. TWITCHELL SCHOLARSHIP FUND
(1995) Bequest of Arthur C. Twitchell, Jr.

US STEEL SCHOLARSHIP FUND
(2002) Gift of USX.

JOHN AND LOUISE SMITH VALENTE FUND
(1969) Gift of John and Louise Valente.

VAN AMRINGE SCHOLARSHIP FUND IN COLUMBIA COLLEGE
(1957) Bequest of Emily Buch.

IVAN B. VEIT ENDOWMENT FUND
(2005) Bequest of Ivan B. Veit '28.

SIGMUND AND MARY VIOLIN SCHOLARSHIP FUND
(1996) Gift of George A. Violin '63.

MARTIN AND SELMA VIRSOTSKY SCHOLARSHIP FUND
(2012) Bequest of Martin Virsotsky.

VISA FINANCIAL AID ENDOWMENT FUND
(1994) Proceeds from VISA credit card receipts.

WILLIAM F. VOELKER MEMORIAL SCHOLARSHIP FUND
(1976) Bequest of William F. Voelker '42 and gift of various donors in his memory.

H. EDWARD VOLLMERS MEMORIAL SCHOLARSHIP FUND
(1976) Gift of various donors in memory of H. Edward Vollmers '20.

FRANCES AND GUSTAVE VON GROSCHWITZ SCHOLARSHIP FUND IN ART HISTORY
(1991) Bequest of Gustave von Groschwitz '26.

LEO J. WALSH MEMORIAL SCHOLARSHIP FUND
(2006) Bequest of Leo J. Walsh '53.

WANG FAMILY SCHOLARSHIP FUND
(2009) Gift of Philip Pei-Fan Wang '70, P'18.

WILLIAM H. WARDEN MEMORIAL SCHOLARSHIP FUND
(1996) Gift of Dorothy Warden.

THE WARREN FAMILY SCHOLARSHIP FUND
(2005) Gift of Irwin H. Warren '71.

HELEN L. WARREN SCHOLARSHIP FUND
(2007) Gift of Helen L. Warren °.

GEORGE WASCHECK SCHOLARSHIP FUND
(1990) Gift of George E. Wascheck '24.

MORRIS W. WATKINS SCHOLARSHIP FUND
(1987) Gift of William E. Collin '24 ° in honor of Morris W. Watkins '24 °.

ROBERT WATT SCHOLARSHIP FUND
(1976) Gift of various donors in memory of Robert W. Watt CC 1916.

DR. CHARLES A. WEBSTER INTERSCHOOL SCHOLARSHIP FUND
(1994) Gift of Charles A. Webster '40 °.

GEORGE E. WEIGL SCHOLARSHIP FUND

(1982) Bequest of George Weigl '30.

JOSHUA H. AND DONNA WEINER SCHOLARSHIP FUND

(1998) Gift of Joshua H. Weiner '36 °.

ARTHUR S. AND MARIAN E. WEINSTOCK SCHOLARSHIP FUND

(1995) Gift of Arthur S. Weinstock '41 ° and Marian Elizabeth Keller Weinstock.

GEORGE J. AND FRANCES K. WEINSTOCK SCHOLARSHIP FUND

(2006) Gift of Arthur S. Weinstock '41 ° in memory of his parents, George J. and Frances K. Weinstock P'41 °.

EDWARD S. WEISIK SCHOLARSHIP FUND

(2004) Bequest of Edward S. Weisik '37.

RABBI SHELDON J. WELTMAN, PH.D., SCHOLARSHIP FUND

(1992) Bequest of Rabbi Sheldon J. Weltman '58.

WEST END SCHOLARSHIP FUND

(1998) Gift of Katherine A. Gardner, Kirk W. Michel and Joseph F. Spiegel.

JOHN VISSCHER WHEELER SCHOLARSHIP FUND

(1914) Bequest of Susan E. Johnson Hudson.

H. A. WHEELER SCHOLARSHIP FUND

(1923) Gift of H. A. Wheeler.

THE JOHN AND MARY JO WHITE SCHOLARSHIP

(2008) Gift of John Walter and Mary Jo White P'08.

JOSEPH THOMAS WIDOWFIELD SCHOLARSHIP FUND

(1994) Bequest of Joseph Thomas Widowfield '83.

MARK HINCKLEY WILLES SCHOLARSHIP FUND

(1985) Gift of Mark H. Willes '63.

MARK HINCKLEY WILLES SCHOLARSHIP FUND

(1989) Gift of Mark H. Willes '63.

THE WILLNER FAMILY SCHOLARSHIP FUND

(2002) Gift of Jane and David Bloomgarden, and Joseph H. Willner.

GEORGE LEO WINGSHEE MEMORIAL SCHOLARSHIP FUND

(2004) Gift of Donna W. Loo P'11.

RICHARD E. WITTEN SCHOLARSHIP FUND

(2005) Gift of Richard E. Witten '75 and Elizabeth Witten P'10.

WOLF FAMILY SCHOLARSHIP FUND

(2011) Gift of Sherri Pancer Wolf '90 and Douglas Robert Wolf '88.

BEN D. WOOD SCHOLARSHIP FUND

(1986) Bequest of Ben D. Wood '22.

GORDON W. WOOD SCHOLARSHIP FUND

(1992) Gift of Gordon W. Wood '43.

WALTER WOODS SCHOLARSHIP FUND

(1997) Bequest of Walter Woods.

KENNETH AND THOMAS WRIGHT SCHOLARSHIP FUND

(2008) Gift of Kenneth B. Wright '74.

DAVID WU AND FRED WANG FUND

(2010) Gift of Weiming David Wu and Fred William Wang.

PHILIP C. YACOS MEMORIAL SCHOLARSHIP FUND

(1986) Gift of Helen Yacos-Obuhanych P'80 ° and various donors in memory of Helen's son, Philip C. Yacos '80.

YATRAKIS SCHOLARSHIP FUND

(2009) Gift of Demetrios Peter Yatrakis '05.

ONG YEE SCHOLARSHIP FUND

(2010) Gift of Danny Ong Yee '77 and Stephanie Wong Yee P'15.

KENNETH YIM FAMILY FUND

(2011) Gift of Kenneth Kwok LeungYim P'11.

SAMUEL YIN SCHOLARSHIP FUND

(2005) Gift of Samuel Yin '76.

YI-CHANG YIN AND WAN-HUNG CHANG YIN SCHOLARSHIP FUND

(2000) Gift of Samuel Yin '76.

THE WILLIAM H. YOKEL SCHOLARSHIP FUND

(2007) Gift of William H. Yokel '44 °.

THE YU FAMILY FUND

(2005) Gift of Kyung-Sun Yu P'09, P'13.

TUNG LI AND HUI HSI YUAN MEMORIAL SCHOLARSHIP FUND

(1967) Gifts of various donors in memory of Tung Li Yuan '22 and Hui Hsi Yuan.

VICTOR AND BETTY ZARO SCHOLARSHIP FUND

(1995) Gift of Victor J. Zaro '42 ° and Betty Zaro.

TIMOTHY ZARO SCHOLARSHIP FUND

(2000) Gift of Victor J. Zaro '42 °.

VICTOR J. ZARO SCHOLARSHIP FUND

(1996) Gift of Victor J. Zaro '42 °.

JESSICA ZAUNER MEMORIAL SCHOLARSHIP FUND
(2006) Gift of Anton Zauner '73 and Anna E. Zauner.

JOSEPH C. ZAVATT SCHOLARSHIP FUND—
COLUMBIA COLLEGE
(2006) Bequest of Anna Maas Zavatt.

ZBT—STANLEY I. FISHEL, CC'34 SCHOLARSHIP
FUND
(2004) Gift of Delta ZBT Corporation.

FRANK JOSEPH ZDENOVEC SCHOLARSHIP FUND
(1949) Bequest of Frank Joseph Zdenovec.

THE ZICKLER FAMILY SCHOLARSHIP FUND
(2008) Gift of Leo E. Zickler '58.

DAVID AND RAY MOONEY ZWERLING
SCHOLARSHIP FUND
(1991) Gift of L. Steven Zwerling '60 and Leonard J.
Zwerling '65 in honor of their parents, David and Ray
Mooney Zwerling P'60, P'65, on their anniversary.

° Deceased; P Parent; ∅ Widow

REGISTRATION

University Registrar (<http://registrar.columbia.edu>) : 205 Kent Hall, 212-854-4400

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Registration is the systematic process the reserves seats in particular classes for eligible students. It is accomplished by following the procedures announced in advance of each term's registration period. Enrollment is the completion of the registration process and affords the full rights and privileges of student status. Enrollment is accomplished by the payment or other satisfaction of tuition and fees and by the satisfaction of other obligations to the University.

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 that offers a course. Please check the course information in this Bulletin and the registration instructions contained in the *Directory of Classes* for all of the approvals required.

To comply with current and anticipated Internal Revenue Service mandates, Columbia 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 (<http://www.columbia.edu/cu/isso>) , located at 524 Riverside Drive (telephone: 212-854-3587) for more information.

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 in any school/college of the University shall at the same time be registered in any other school/college, either of Columbia University or of any other institution, without specific authorization of the dean/director of the school/college of the University in which he or she is first registered.

The privileges of the University are not available to any student until they have completed registration. A student who is not officially registered for a University course may not attend the course. No student may register after the stated registration period unless he or she obtains the written consent of the appropriate dean or director.

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. Students are held accountable for absences incurred owing to late enrollment.

No Columbia College student may register for fewer than 12 points in any given semester without the express permission of the Committee on Academic Standing (<http://www.studentaffairs.columbia.edu/csa/cas>) . Each Columbia College students must be registered for at least 12 points by the close of the Change-of-Program period and those students who are registered for fewer than 12 points by this point will be withdrawn from the College unless permission to remain is granted by the Committee on Academic Standing. Questions should be directed to students advising deans in the Center for Student Advising (CSA) (<http://www.studentaffairs.columbia.edu/csa>) .

Registration and Change-of-Program Instructions

Registration instructions are announced in advance of each registration period. Students' individual registration times are listed in Student Services Online (SSOL) (<https://ssol.columbia.edu>) and registration dates are listed on the Academic Calendar. Students should also consult the Registrar's website (<http://registrar.columbia.edu>) for additional information.

REGISTERING FOR CLASSES

Registration for classes is by appointment on-line via Student Services Online (SSOL) (<https://ssol.columbia.edu>) . Some classes may be blocked for on-line registration and require written approval; students should check the *Directory of Classes* (<http://www.columbia.edu/cu/bulletin/uwb>) for approval information. Courses blocked from on-line registration can only be added to a student's academic program by the Center for Student Advising (<http://www.studentaffairs.columbia.edu/csa>) and require a completed Add/Drop form, with all necessary approvals confirmed. Students cannot use the Add/Drop form to register for courses not blocked from on-line registration.

Students otherwise unable to register through SSOL must submit to the Center for Student Advising a completed Add/Drop form, with all necessary approvals confirmed.

Students are not permitted to register for more than 22 points or for overlapping classes and are responsible for ensuring that their academic programs are in accordance with these policies. Should students be accepted into courses through the Wait List mechanism that result in registration for more than 22 points and/or for overlapping courses, students are required to drop additional courses by the end of the Change-of-Program period.

DROPPING COURSES

Students may drop a course on-line by appointment until the drop deadline. With the exception of certain Core Curriculum

courses (see below (p. 74)), the final dates for dropping courses are October 7 for Fall 2014 and February 24 for Spring 2015.

Columbia College students are not permitted to remove a course from their academic record after the drop deadline. If a student withdraws from a course after the drop deadline and no later than the Pass/D/Fail deadline (the eleventh week of the semester), the transcript will show a mark of W for that course. This is a permanent mark and will remain on the transcript even if the student repeats the course. The students will earn no points of academic credit for classes in which they receive the mark of W.

Students may not drop or withdraw from a Core Curriculum course (i.e. *Literature Humanities*, *Frontiers of Science*, *Contemporary Civilization*, *Art Humanities*, *Music Humanities*, and *University Writing*) after the end of the Change-of-Program period. This does not apply to courses taken to fulfill the Global Core, Science, or Foreign Language requirements.

Students may not withdraw from any course after the Pass/D/Fail deadline. After that point, students can only receive the letter grade earned in the 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 12 or more points will face academic probation, suspension, or dismissal.

To withdraw from a class, students must submit a Withdrawal Request Form to the Center for Student Advising (CSA) (<http://www.studentaffairs.columbia.edu/csa>) in 403 Lerner Hall.

Failure to attend classes or unofficial notification to the instruction does not constitute dropping a course. Students who stop attending classes without dropping or officially withdrawing are assigned the letter grade earned by factoring as zero or F for any missing work.

DROPPING CORE COURSES

Students may drop a Core Curriculum course, using the on-line registration system, no later than September 12 for Fall 2014 and January 30 for Spring 2015. Note that these deadlines differ from the deadlines to drop other courses. Students may also refer to the Core Curriculum website (<http://www.college.columbia.edu/core/reg>) for more information.

Students are not permitted to drop *Literature Humanities*, *Frontiers of Science*, *Contemporary Civilization*, *Art Humanities*, *Music Humanities*, or *University Writing* after these deadlines without the approval of the Committee on Academic Standing (<http://www.studentaffairs.columbia.edu/csa/cas>) . Students should consult their CSA advising dean for more information on the petition process.

Students wishing to drop courses counting toward the Global Core, Science, and Foreign Language requirements are bound by the general drop deadlines listed on the Registrar's website (<http://registrar.columbia.edu>) , and on the *Academic Calendar* in this Bulletin.

CHANGING GRADING OPTIONS

Courses may be changed from letter grading to Pass/D/Fail or from Pass/D/Fail to letter grading up to and including November 13 for Fall 2014 and up to and including March 26 for Spring 2015. Please refer to the *Academic Regulations* (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/regulations/#examsandgradestext>) listed in this Bulletin for more information regarding this grading option.

ACADEMIC REQUIREMENTS

In order to graduate from Columbia College and earn a Bachelor of Arts degree, all students must successfully complete:

- 124 points of academic credit
- The Core Curriculum
- One major or concentration

POINTS AND CREDIT

Every student must complete 124 points of academic credit. The last two terms must be taken while enrolled in the College for study on this campus or on one of the Columbia-sponsored international programs (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/study-abroad/#sponsoredprogramtext>).

One course may not normally be taken to fulfill more than one requirement for the degree. However, a course that satisfies the Global Core, Science, or Foreign Language requirements may be double-counted in order to satisfy the requirements for one major or concentration.

Courses may not be repeated for credit. Credit cannot be earned for courses taken in subjects and at the same level for which Advanced Standing (AP, IB, GCE, etc.) has been granted. For more information, see *Academic Regulations*—Placement and Advanced Standing.

Students also cannot receive credit for previous courses in which the content has been substantially duplicated, at Columbia or elsewhere. For example, credit cannot be earned for two first-term calculus courses, even if one is more theoretical in approach than the other; 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. Courses not listed in this Bulletin must be approved by the advising dean, since such courses might not bear College credit (e.g., MATH W1003 College Algebra and Analytic Geometry). Students who have questions about whether degree credit may be earned in a course should consult their advising dean.

THE CORE CURRICULUM

The following required courses constitute the Columbia College Core Curriculum (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/core-curriculum>). They include general education requirements in major disciplines and, except for Physical Education, must be taken for a letter grade:

Literature Humanities

HUMA C1001	Masterpieces of Western Literature and Philosophy
- HUMA C1002	and Masterpieces of Western Literature and Philosophy

Frontiers of Science

SCNC C1000	Frontiers of Science
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University Writing

ENGL C1010	University Writing
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Contemporary Civilization

COCI C1101	Introduction To Contemporary Civilization
- COCI C1102	and Introduction To Contemporary Civilization

Art Humanities

HUMA C1121	Masterpieces of Western Art
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Music Humanities

HUMA C1123	Masterpieces of Western Music
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Science Requirement

Two terms from the list of approved courses

Global Core Requirement

Two terms from the list of approved courses

Foreign Language Requirement

Four terms or the equivalent

Physical Education

Two terms and a swimming test

Students are generally required to complete *Literature Humanities*, *University Writing*, and *Frontiers of Science* in the first year. Additionally, the College expects students to complete *Contemporary Civilization* by the end of the sophomore year, and *Art Humanities* and *Music Humanities* by the end of junior year.

Courses in fulfillment of 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, may be satisfied at Barnard College. Other exceptions to this rule are granted only with the approval of the Committee on Academic Standing, except for the Global Core and the Science requirements, which must be petitioned to the appropriate faculty committee and must first meet with their advising dean. Students who wish to satisfy degree requirements with courses taken at other universities in the summer must receive the advance approval of the Dean of Advising, and must first schedule a meeting with their advising dean.

THE DEPARTMENTAL MAJOR OR CONCENTRATION

All students must complete either a major or a concentration as described in the departmental sections of this Bulletin. The purpose of the major or concentration requirement is to give each student the experience of doing sustained and advanced work, including individual research, in a field of special interest. A major consists of intensive study in one department involving the satisfaction of a variety of requirements; a concentration demands fewer departmental course points or requirements than a major. Whether the student chooses a major or concentration depends on their particular aims and needs, as well as on the offerings of the particular department in which they plan to work. It should be emphasized that this requirement is not designed to produce professionally trained specialists, nor is it assumed that students will ultimately be employed in work related to the subject in which they are majoring or concentrating.

The faculty members of each academic department determine the requirements for a major or concentration. It is students' responsibility to ensure that they complete the stated major or concentration requirements. Students should check for both the minimum and maximum points allowed for a major, as well as for any restrictions on courses in which a student earns a grade of D.

All courses used to meet the requirements of a major or concentration, including related courses, may not be taken for a grade of Pass/D/Fail, except the first such one-term course taken by the student in his or her eventual major, unless otherwise specified by the department.

Some majors and concentrations require that certain introductory courses be completed before the start of the junior year. Students should read carefully the requirements for their proposed major or concentration and direct questions to the relevant Director of Undergraduate Studies (DUS) (<http://www.college.columbia.edu/academics/majoradvising>).

In the spring of their sophomore year, students should confer with faculty members in the department, advising deans, and advisers in the Center for Career Education while choosing a major or concentration. Information about the process for declaring a major or concentration is sent to students in the spring of the sophomore year.

Normally, courses for a major or concentration, including related courses, may not be used to satisfy the course requirements for a second major or concentration. Rare exceptions to this may be made only by the faculty Committee on Instruction (COI), based on what it regards to be intellectually compelling grounds. Students wishing to request a waiver of this policy are required to submit a petition to the COI through the Office of the Dean, in 208 Hamilton Hall.

Double Majors/Concentrations

All students attempting to complete double majors, double concentrations, or a combination of a major and a concentration should keep in mind that they must complete separate sets of **required** and **related** courses for each field. A single course may not count twice for more than one major or concentration. Students will not be awarded additional semesters for the purposes of completing an additional major or concentration.

Interdisciplinary and Interdepartmental Majors and Concentrations

Interdisciplinary and interdepartmental majors and concentrations combine course work in two or more areas of study. Interdisciplinary majors and concentrations are linked to the interdisciplinary programs (see *Departments of Instruction*). Interdepartmental majors and concentrations are linked to two or more departments (see *Departments of Instruction*).

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. To graduate from Columbia College, all transfer students are required to complete the Core Curriculum and at least one major or concentration, and to have earned at least 124 points in academic credit. Upon admission to Columbia College, transfer students should familiarize themselves with the regulations pertaining to their special status (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/regulations>).

PLANNING A PROGRAM

All students are expected to consult with their advising deans and departmental advisers, who will assist them in selecting appropriate courses and planning their programs. Advising deans serve as the primary adviser for all academic planning, other than that for the major or concentration. Directors of Undergraduate Studies (DUS) (<http://www.college.columbia.edu/academics/majoradvising>), and other faculty representatives of the academic departments, serve as the primary adviser for major and concentration program planning.

The Center for Student Advising (CSA) (<http://www.studentaffairs.columbia.edu/csa>), located in 403 Lerner Hall, is the first stop for students to discuss their advising needs as they create and reflect on their program of study at Columbia. Productive advising is built on a true 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 resource of knowledge and a source of referrals - so that students may plan and prepare, in the broadest sense, over the course of their years at Columbia. Students can make appointments with their advising deans using the online Comprehensive Advising Management System (<http://bulletin.columbia.edu/columbia-college/requirements-degree-bachelor-arts/%20http://studentaffairs.columbia.edu/csa/appointments>) .

To ensure successful planning, students should familiarize themselves with all academic opportunities in which they are interested. In particular, students should note that some majors and concentrations 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. Specifically, students considering a major in the sciences should, in their first two years, focus on required introductory sciences courses in addition to Core requirements. Students considering a major in the humanities and social sciences should, in their first two years, take a combination of Core requirements and introductory level courses in the departments in which they are interested in majoring.

In addition, all students should:

1. Become thoroughly familiar with the requirements for the degree and with the College regulations, including deadlines;
2. Plan to complete *Masterpieces of Western Literature and Philosophy I & II* (HUMA C1001-HUMA C1002) as well as *Introduction to Contemporary Civilization in the West* (COCI C1101 -COCI C1102) by the end of the sophomore year ; and
3. Choose a major or concentration in their fourth term. Students must submit the completed major declaration form on-line or to the Center for Student Advising. Some majors and concentrations require departmental review and students can only declare these majors after receiving approval by the department. A major or concentration may be changed at any time as long as the requirements have been fulfilled and the student can still graduate by the end of their eighth semester. If a different major or concentration is decided upon, a new form must be filed with the Center for Student Advising.

Advising for First-Year Students

There are many advising opportunities for incoming students in the summer prior to matriculation. 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 are also encouraged to participate in the summer advising program Columbia 101 (<http://www.studentaffairs.columbia.edu/welcome2018>) and the

online chat sessions offered each July. Students receive the name and contact information of their assigned advising dean in mid-August and will meet with their advising dean for the first time during the New Student Orientation Program. Students are expected to follow-up with their advising dean within two weeks of the new term and to schedule regular meetings throughout their years at Columbia.

Each first-year student is preregistered for *Literature Humanities* as well as *Frontiers of Science* or *University Writing*. (First-year students are preregistered for either *Frontiers of Science* or *University Writing* in the fall term and take the other course in the spring term.) During the New Student Orientation Program, each incoming student is expected to meet with their advising dean in order to discuss their fall course selections. Students will be assigned an SSOL (<https://ssol.columbia.edu>) registration appointment (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/registration>) for the Friday of the New Student Orientation Program, during which time students will register for courses to complete their fall term schedule. Students should continue to meet with their advising deans as they finalize their program in the first two weeks of the term.

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 1 to 6 points of credit may be awarded for this work; the exact number of points is to be determined in consultation with the department.

Ordinarily, only seniors are allowed to register for independent study, although other students may be admitted at the discretion of the departmental representative. Acceptance depends on the quality of the proposal, the student's qualifications, and the availability of an appropriate faculty adviser.

ACADEMIC REGULATIONS

DEGREE REGULATIONS POINTS PER TERM

Columbia College students must register for no fewer than 12 points per term. Students must petition the Committee on Academic Standing in order to register for more than 22 points. First-year students may not petition to register for more than 22 points in their first semester. The average load for a Columbia College student is 15-16 points per term. Final semester students may petition the Committee on Academic Standing to register for fewer than 12 points if they will complete the degree in that term.

Students not registered for at least 12 points by the end of the Change-of-Program period (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/academic-calendar>) must speak with their advising dean as soon as possible. If resolution cannot be reached by the College deadline for dropping classes, such students will be placed on leave from the College.

ATTENDANCE

Students are expected to attend their classes and laboratory periods. Instructors may take attendance into account in assessing a student's performance and may require a certain level of attendance for passing a course. Students are held accountable for absences incurred owing to late enrollment. For additional information, see *Columbia University Policies—Religious Holidays*.

LENGTH OF CANDIDACY

A student is normally permitted eight terms in which to earn the Bachelor of Arts (B.A.) degree at Columbia College. A student may continue to work for the degree past the eighth term only with advance permission from the Committee on Academic Standing and must first discuss such requests with their advising deans. Study beyond the eighth semester is only granted for students who have found themselves in emergent circumstances beyond their control which have prevented them from completing the degree in eight terms. Study beyond the eighth semester is not granted for the purposes of changing or adding a major or concentration.

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 (including credits earned on

Columbia-sponsored study abroad programs). Transfer students may apply a maximum of 64 points toward advanced standing at the College. Credit granted on the basis of Advanced Placement, International Baccalaureate, and other standardized examinations are counted toward the 64-point maximum, as are credits earned on study-abroad programs outside of Columbia. Credit is not granted for college courses taken while in high school.

Credit Toward the Degree and Core/Major Requirements

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. Transfer students must supply course descriptions and syllabi for all courses to be considered for transfer credit. Once a transfer student is admitted, a credit review is conducted, and a tentative credit evaluation is sent to the student. A final credit evaluation is conducted when the student has matriculated in Columbia College, submitted a final official transcript, course descriptions, and syllabi, and received all appropriate approvals from relevant academic departments.

Degree Completion

Transfer students are expected to graduate in eight semesters, including terms completed before entering Columbia. Extended time is not granted. In particular, extended time is not granted to enable a student to finish a particular major or concentration. Therefore transfer students should be especially careful when planning their academic schedule and are strongly urged to do so with the guidance of their advising deans and the Director of Undergraduate Studies (<http://www.college.columbia.edu/academics/majoradvising>). 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 the student 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 in Columbia College.

PROGRESS TOWARD THE DEGREE

At the end of each term, the Committee on Academic Standing reviews the records of all students enrolled in the College to determine student standing, including academic warning, academic probation, suspension, and dismissal.

Academic Probation

Students may be placed on academic probation for the following reasons: failure to successfully complete 12 points in a term; a term or cumulative grade point average below 2.0; or failure to make satisfactory progress toward the degree. Students are notified when placed on academic warning. Students and parents/guardians are notified when students are

placed on academic probation or suspension, or are dismissed from the College. The advising deans in the Center for Student Advising (<http://www.studentaffairs.columbia.edu/csa>) are available to provide concerted support to help students on academic action return to good standing.

There is no appeal available to students placed on academic warning or academic probation. Academic warning does not remain on students' records. Academic probation, suspension, and dismissal remain on students' records.

Students who do not make adequate progress toward the degree will be placed on academic probation, according to the following chart:

Semester	Points for typical progress	Threshold for academic probation
1	12	<12
2	31	<24
3	46	<38
4	62	<52
5	77	<69
6	93	<86
7	108	<105
8	124	

For example, by the end of the first two terms, Columbia College students are expected to have completed 31 points (an average of 15.5 points per term). If they have completed fewer than 24, they will be placed on academic probation and should work with their advising dean to plan ways to return to normal progress toward the degree.

The advising deans in the Center for Student Advising (<http://www.studentaffairs.columbia.edu/csa>) offer support to help students on academic action return to good standing.

Parents are notified when students are placed on academic probation or suspension or are academically dismissed from the College.

Students who are on academic probation are not eligible to study abroad.

Academic Suspension/Dismissal

Students with extremely poor records in a term, or who fail to improve after being on academic probation, will be suspended and required to withdraw from the 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, it is likely that he or she will be dismissed from the College. When students are suspended or dismissed, they are notified of the process to

appeal the decision. The decision of the appeals committee is final.

International students in 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 (<http://www.columbia.edu/cu/isso>) (ISSO) to discuss any options available.

EXAMS AND GRADES EXAMINATIONS

Midterm Examinations

Midterm examinations are generally scheduled by instructors in late October and the middle of March.

Final Examinations

Final examinations are given at the end of each term. The Master University Examination Schedule is available in Student Services Online (SSOL) (<http://ssol.columbia.edu>) and is typically available shortly after the midterm examinations. Prior to its availability, students and faculty should consult the Projected Exam Schedule in SSOL.

Rescheduling Exams

Examinations are not rescheduled in order to accommodate students' travel plans. Students are expected to remain on campus throughout the examination period at the end of each semester.

Under certain circumstances, it may be necessary for an instructor to reschedule an exam. Any day or time changed in appointed final exam times must be agreed with members of 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 Examination Conflicts

Students will occasionally have two exams scheduled for the same time and no student is obliged to take three exams on any given calendar day (i.e. not a twenty-four hour period).

Students in either circumstance should meet with their advising dean in the Center for Student Advising (<http://www.studentaffairs.columbia.edu/csa>) in order to initiate the process for arranging a make-up exam, no later than two weeks after the final exam schedule is published (November 1 in the fall semester and March 31 in the spring semester).

Failure to Complete a Final Exam

If a student does not take a final exam, or begins but does not complete a final exam, the grade of zero or F will be factored

for that portion of the final grade. No make-up exams will be offered in these circumstances.

Incompletes

Students facing grave medical or family emergencies at the time of a final exam may petition the Committee on Academic Standing for permission to complete the final exam or paper at a later date. Students will receive a temporary mark of IN (Incomplete) until the work is completed. For more information, see below.

GRADES

The grading system is as follows: A, excellent; B, good; C, fair; D, poor but passing; F, failure (a final grade, not subject to reexamination). Plus and minus grades may also be used, except with D or F. Pass (P) is used for students who elect this option.

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.

Percentage of A Grades Calculation

College transcripts note the percentage of grades in the A range in all lecture classes with at least twelve students and in all colloquia and seminar classes with at least twenty-three students, in accordance with the grading policies of the Faculty of Columbia College. (R grades are excluded from this calculation.)

When the Registrar computes a student's Columbia College grade point average, only grades earned while enrolled in the College in the fall, spring, and summer terms 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

All students registered in Columbia College during the regular academic year may elect one course each semester during the regular academic year to take on a Pass/D/Fail basis. This is in addition to any courses that are given only on a Pass/Fail basis. Students who do not utilize both Pass/D/Fail options during the academic year may elect, in the summer immediately following, to take one Summer Term course on a Pass/D/Fail basis. Courses used to meet the stated degree requirements (except those only given on a Pass/Fail basis) may not be taken for a grade Pass/D/Fail. All courses used to meet the requirements of a major or concentration, including related courses, are also excluded from this option, except the first such one-term course taken by the student in his or her eventual major, unless otherwise specified by the department.

The purposes of this option are to encourage students to take courses of interest to them outside of the 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 who wish to exercise this grading option may designate in SSOL a single course for the grade of Pass/D/Fail when registering each term in the College or no later than November 13 in Fall 2014 and March 26 in Spring 2015. During the semester and no later than these deadlines, students may elect to change which course is designated to be taken on a Pass/D/Fail basis. No more than one course may be designated to be taken on a Pass/D/Fail basis at any point in a given semester.

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 within two weeks of the start of the semester immediately following that in which the grade of Pass was received. Students have until the end of the add period in the spring semester to uncover the grade of a fall course and until the end of the add period in the fall semester to uncover the grade of a spring or summer term course. Seniors who graduate in May have until June 1 to uncover the grade of a final spring course.

The grade of Pass is not used in calculating grade point average; the grades of D and Fail are used.

The Grade of D

No more than 6 points of D may be credited to the degree in any academic year and no more than a cumulative total of 12 points of D may be credited toward the degree. Degree credit for D work is awarded only for courses listed in this Bulletin and for other courses taken while the student is enrolled in Columbia College. 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.

The Mark of W (Withdrawal)

Columbia College students are not permitted to have a course deleted from their academic record after the drop deadline (the fifth week of the semester). If a student withdraws from a course after the drop deadline and no later than the Pass/D/Fail deadline (the eleventh week of the semester), the transcript will show a mark of W for that course. This is a permanent mark, and will remain on the transcript even if the student repeats the course.

Students may not drop or withdraw from a Core Curriculum course (i.e., *Literature Humanities*, *Frontiers of Science*, *Contemporary Civilization*, *Art Humanities*, *Music Humanities*, and *University Writing*) after the Core drop deadline. This does not apply to courses taken to fulfill the Global Core, Science, or Foreign Language requirements.

Students may not drop or withdraw from any course after the Pass/D/Fail deadline. After that point, a student will receive the letter grade earned in the 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 in a semester will face academic probation, suspension, or dismissal.

To withdraw from a class, students may submit a Withdrawal Request Form to the Center for Student Advising, 403 Lerner Hall.

The Mark of AR (Administrative Referral)

Given to students as a temporary mark in circumstances when a student's irregular academic behavior in class merits something other than grades A through F, and designed to allow an instructor a reasonable default grade for use until an appropriate permanent grade can be submitted. Ultimately, the decision as to what the final grade should be will rest with the individual instructor, and a grade of AR will alert the Dean of Academic Affairs, whose staff will follow up with the instructor to help determine what final grade is appropriate.

The Mark of IN (Incomplete)

Granted by the Committee on Academic Standing for students who cannot complete their course work or are unable to take a final examination. The only reasons for which an IN will be granted are incapacitating illness, as certified by Health Services at Columbia, serious family emergency, or circumstances of comparable gravity. Students who wish to receive the mark of IN must petition the Committee in writing (petition forms are available in the Center for Student Advising (<http://www.studentaffairs.columbia.edu/csa>)) before the last day of classes, in the case of course work, or no later than the day before the final examination when requesting permission to miss the examination. To be granted an IN, it is expected that students will have completed all work in the class with the exception of the final project or

exam. If a student has not completed all work in the class up to the final project or exam, an IN will not be granted.

Students who are granted an IN are assigned a deadline for completion of the overdue work or a date by which a deferred examination must be taken. Those who fail to meet the assigned deadline or miss the deferred examination will receive the contingency grade. All other marks of IN that remain unresolved by the end of one calendar year will be converted to the final grade of F, unless there is a documented reason to do otherwise. Questions may be directed to advising deans in the Center for Student Advising.

The Mark of R (Registration Credit)

The "R" credit option is available only to Columbia College seniors. Students who wish to audit a class can request permission from the Committee on Academic Standing in the Center for Student Advising to take a course for R credit. No point credit is given for R credit, and the GPA is unaffected by the mark of R. Students who take a course for R credit must have the permission of the instructor. Students may be required to complete certain work as specified by that instructor. The exact nature of the work should be determined by the instructor when the student registers for the course. An instructor may fail a student who has not completed assigned work. During the academic year 2014-2015, the deadline for registering for R credit is November 13 in the fall term and March 26 in the spring term. Registering for R credit is allowed only when:

1. The courses are in excess of the 124 points required for the B.A. degree;
2. The courses are taken in the last two terms of the student's attendance in Columbia College;
3. The courses are not used to fulfill a requirement for the B.A. degree;
4. The student has the permission of the advising dean and the instructor.

The Mark of YC (Year Course)

A mark given at the end of the first term of a course in which the full year's work must be completed before a qualitative grade is assigned. The grade given at the end of the second term is the grade for the entire course.

The Mark of CP (Credit Pending)

With specific permission of the Columbia College Committee on Instruction, certain seminars may allow students to complete their research over the winter break and submit their final papers on a pre-arranged date after the start of the spring term. In such instances, a mark of CP will appear on the students' transcripts until the final grade is submitted. The mark of CP cannot be used for individual students but, rather, can only be granted on a course-wide basis.

Report of Grades

Grades are available on SSOL (<https://ssol.columbia.edu>) on the first business day after they are received by the Registrar. Paper and electronic transcripts may be ordered by currently enrolled students via SSOL. Students who find discrepancies in or have questions about their records should contact the Registrar's Office.

PLACEMENT & ADVANCED STANDING

LANGUAGE PLACEMENT EXAMINATIONS

First-year students can select appropriate levels in French, German, Hebrew, Latin, Italian, or Spanish on the basis of scores on SAT II: Subject Tests or Advanced Placement examinations. All continuing language students who have not taken one of these tests **must** take a Columbia placement exam in order to enroll in language study. The exact exam times and dates are provided in the orientation schedule distributed to first-year students when they arrive on campus. Upperclass students should contact departments before the beginning of each semester to inquire about placement exam options other than those provided during New Student Orientation.

ADVANCED STANDING

For information about advanced standing for transfer students, see Requirements for the Degree of Bachelor of Arts (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/requirements-degree-bachelor-arts>).

Entering first-year students are subject to all rules for first-year students in their first two terms, regardless of the number of credits earned from approved advance standing programs.

The College grants 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. Entering first-year students are not granted credit for courses taken at other colleges before 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.

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. 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, credit is awarded only when students successfully complete the course into which placement was awarded (or, the College

may require a student to complete a particular course in order to receive advanced credit).

The actual determination of advanced credit is made after students matriculate in accordance with departmental and College policies and is awarded upon completion of the first year at Columbia. Students wishing to arrange such credit must meet with their advising dean and provide the relevant transcript/certificate.

ADVANCED PLACEMENT (AP) EXAMINATIONS

College Board Advanced Placement scores cannot be used toward exemption from any of the Core Curriculum courses; however, scores may be used toward satisfying the foreign language requirement (see The Core Curriculum—Foreign Language Requirement (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/core-curriculum/foreign-language-requirement>)). Each year, individual departments review the College Board AP curriculum and determine appropriate placements, credit, and/or exemptions. Students entering in the 2014–2015 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
Spanish	Latin American and Iberian Cultures
Statistics	Statistics

International Baccalaureate

Entering students are granted 6 points of credit for each score of 6 or 7 in IB Higher Level examinations if taken in disciplines offered as undergraduate programs at Columbia College up to a total maximum of 16 points.

BRITISH ADVANCED LEVEL EXAMINATIONS

Students with grades of A or B on British Advanced Level examinations are granted 6 points of credit for each taken in the disciplines offered as undergraduate programs at Columbia up to a total maximum of 16 points.

OTHER NATIONAL SYSTEMS

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.

STUDY OUTSIDE COLUMBIA COLLEGE

COURSES TAKEN IN OTHER COLUMBIA UNDERGRADUATE SCHOOLS

None of the courses listed in this Bulletin or in the bulletins of Barnard College and the School of General Studies require any special approval for enrollment unless so indicated in various programs and course descriptions.

The Fu Foundation School of Engineering and Applied Science

A maximum of four courses may be taken on a space-available basis. The four-course limit does not apply to students in the 3-2 Program.

COURSES TAKEN IN THE GRADUATE SCHOOL OF ARTS AND SCIENCES

Courses may be taken by qualified undergraduates with the permission of the Director of Undergraduate Studies in the department in which the course is taught.

COURSES TAKEN IN OTHER DIVISIONS OF THE UNIVERSITY

Students have available to them a number of courses offered by some professional schools of the University and may take a maximum of four courses for elective credit and apply those points toward the 124 points necessary for their degree.

Students who wish to take such a course and not count it toward the 124 points necessary for the undergraduate degree need only receive the permission of their advising dean. In either instance, students **must** follow the policies established by the various professional schools, **must** have the permission of the instructor of the course they wish to take, and in some instances, must have the permission of the school in which the course is offered. 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 dean.

Graduate School of Architecture, Planning, and Preservation

Lectures may be taken on a space-available basis by qualified undergraduates. Undergraduates are not allowed to enroll in any seminars or studio courses.

School of the Arts

Graduate courses may be taken on a space-available basis by qualified undergraduates.

Graduate School of Business

Courses designed specifically for undergraduates can be found in *Departments of Instruction—Business*. Other Business School courses may only be taken on a space-available basis by seniors who have completed the required prerequisites. Students must have signed permission from the Center for Student Advising. Deadlines are often earlier than the College registration and Change-of-Program periods.

School of Continuing Education

Columbia College students are not permitted to enroll during the academic year in courses offered through the School of Continuing Education. The School of Continuing Education sponsors the Summer Term at Columbia. For additional information on taking courses at Columbia during the summer, please see information above regarding the Columbia Summer session.

School of International and Public Affairs

Open Enrollment Courses are open to all Columbia students unless the class is full. Students interested in registering for a SIPA Open Enrollment Course may receive permission to enroll by completing a Registration and Drop/Add form and submitting it to the SIPA Registration site on the 6th floor of the International Affairs Building. If the class is not full, approval will be granted.

School of Journalism

Courses may be taken on a space-available basis. Students must have signed permission from the School of Journalism Office of the Associate Dean of Academic Affairs, 407E Journalism.

Law School

Normally, students are not allowed 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 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. A small number of seniors are permitted to enroll in one or two seminars, selected by Law School faculty. More information is available in the Center for Student Advising.

Mailman School of Public Health

Courses may be taken by qualified undergraduates on a space-available basis with the permission of the department in which the course is taught. Students must complete the Public Health Cross Registration Application Form and receive signed permission from the department, as well as the School of Public Health's Office of Student Affairs, 722 West 168 Street, Suite 1014. Once Public Health permissions are secured, students must also receive signed permission from the Center for Student Advising, 403 Lerner, before proceeding to register for the course at the Registrar's Office, 205 Kent Hall.

The Public Health Cross Registration Form can be found on <http://www.mailman.columbia.edu/students/student-academics/registration-course-info/downloadable-forms>.

School of Social Work

Courses may be taken on a space-available basis.

Teachers College

Normally, students are not allowed to enroll in courses offered through Teachers College. Exceptions to this policy may be granted under the following circumstances by submitting a petition to the Dean of Academic Affairs of Columbia College, 208 Hamilton Hall:

1. Courses that are not offered at Columbia but are deemed essential to a student's undergraduate program of study.
2. Instrumental music instruction course (e.g., piano). In this instance, students are charged per credit for the course over and above their Columbia tuition.

SUMMER STUDY

Columbia University Summer Session

Normally credit for summer school is given to College students only for courses taken in the Columbia Summer Session. There is a 16-point limit for the entire Summer Session, with no more than 8 points in any Summer Session period or in overlapping periods.

All students registered in Columbia College during the regular academic year may elect one course each semester during the regular academic year on a Pass/D/ Fail basis. This is in addition to any courses that are given only on a Pass/D/ Fail basis. Students who do not utilize both Pass/D/Fail options during the academic year may elect, in the summer immediately following, to take one Summer Session course 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 plan to take any courses in the summer toward their major or concentration must consult with their major department. **Not all courses in the Summer Session Bulletin are accepted by Columbia College for credit.** Students should also consult the annually updated List of Approved Summer Courses (<http://www.college.columbia.edu/academics/courseselection>).

Summer School Classes Taken Outside Columbia

Students are not normally permitted to earn credit toward their degrees outside of Columbia except in the case of approved study abroad programs. Students who nevertheless wish to request permission to receive credit for summer school courses taken outside Columbia *must*:

1. Obtain a copy of Columbia College's Outside and Summer Credit Approval forms, available in the Center for Student Advising, 403 Lerner.
2. Read carefully the procedures to follow to apply for such credit. Please note that permission to take classes outside of Columbia is normally given only when a student has fallen behind in credits, when the student is taking a language course, or when the summer course is a prerequisite for a course that must be taken in the fall. Students should note that introductory and intermediate language courses are approved pending the successful completion of the departmental placement test or successful completion of a higher level language course. Students are responsible for arranging departmental testing upon return to campus in the fall. 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.
3. Discuss the study plans with their advising dean.
4. Complete the approval request form, outlining their reasons for taking summer courses and listing the specific courses in which they wish to enroll. Submitted to students' advising deans, the request is then reviewed by the Committee on Academic Standing, which determines whether or not summer school courses are approved for credit.
5. 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 Office of Global Programs, 606 Kent Hall.
6. 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 a science or Global Core course approval petition for approval by the appropriate faculty committee, prior to taking the course.

Approval to receive College credit for summer school courses does **not** ensure approval of the course toward one of these requirements.

STUDY OUTSIDE COLUMBIA UNIVERSITY

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 to participate in approved exchange programs. Exceptions may be granted for study during the summer. See below for more information.

Matriculation at another institution renders students ineligible to continue 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.

COURSES TAKEN FOR GRADUATE SCHOOL CREDIT

An undergraduate in the College may take graduate courses at Columbia and apply the earned credit toward a Columbia M.A. or Ph.D. degree, assuming admission to the Graduate School of Arts and Sciences, under the following conditions:

1. The work must be in excess of the 124 points required for the B.A. degree.
2. The student must obtain the approval of both the graduate department(s) offering the course(s) and the undergraduate department in which he or she is majoring or concentrating.
3. A course used to fulfill a requirement for the B.A. degree may not be counted toward graduate credit.
4. The maximum amount of graduate credit that an undergraduate can earn is two Residence Units toward the Ph.D. degree requirement, only one of which may be applied toward the M.A. degree requirement.
5. Courses that a student completes while registered in the Columbia Summer Session may not be credited toward the completion of degree requirements in the Graduate School.

WITHDRAWALS, LEAVES, & READMISSION

Withdrawal is defined as the dropping of one's entire program in a given term and thus withdrawal from the College. 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 a formal withdrawal and results in failing grades in all courses.**

MEDICAL LEAVE OF ABSENCE

A medical leave is granted to a student whose health interferes with successful full-time study. A leave can be granted for a minimum of one term and a maximum of two years (whether cumulatively or consecutively). Unless a student is granted an exception in extenuating circumstances, a student is permanently withdrawn after they exceed this maximum time period and must reapply for admission through the school's regular admissions process. Students may only return in the fall or spring term, not in the summer sessions. The length of the leave must fall within these parameters and be accompanied by an individualized assessment by a healthcare practitioner at the start and end of leave.

Students must consult with their advising dean 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 as this is the official means of communication by the University. All questions can continue to be addressed to students' advising deans.

Academic Standing

Students who leave in good academic standing will return in good academic standing; students who leave on academic action will return on academic action. If a medical leave begins on or before the Columbia College Pass/D/Fail deadline, the semester will not appear on the record and will not count toward the eight-semester limit. If a leave begins after that deadline, courses will remain on the transcript, and the semester will count toward the eight total semesters granted every undergraduate in the College. Ordinarily, Columbia College students who are authorized to withdraw for medical reasons after the Pass/D/Fail deadline will receive a "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 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 this, the student must have completed all work for the course except the final paper, exam, or project, the course must not have required attendance, and the student must obtain the approval of the relevant deans in the Center for Student Advising and the faculty. Students should consult with their advising deans for more details.

As noted, in rare cases, students who initiate a leave beyond the deadline listed above may qualify for authorized Incompletes in their courses. 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 during the deferred exam period. If the work is not completed during the deferred exam period of the semester in which the student returns, the grade will convert to the contingency grade or an F. Due dates of incomplete work should be determined in consultation with the CSA advising dean upon notification of readmission.

When students depart after the deadlines listed above, they must be aware that they will likely fall behind in points necessary to remain in good academic standing. To determine whether or not they will fall behind, students should remember 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 to learn whether or not they will fall below the “low points threshold” established for Columbia College students and, if so, work with their advising deans and departments to create a reasonable academic plan to ensure completion of the degree in eight terms. Students are not permitted to earn 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. Those points will not, however, count toward the Columbia degree.

Readmission from Medical Leave of Absence

Students must complete all parts of the following readmission procedures by the following deadlines:

- Fall semester readmission – June 1
- Spring semester readmission – November 1
- Summer session readmission – not permitted

In order to begin readmission, students must first discuss their plans with their advising dean and then submit by email or fax to their advising deans the following letters:

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. Medical practitioner support: this letter should describe the treatment, progress made, an evaluation of students’ readiness to return to full-time study at Columbia, and the recommended continued care plan.

The Medical Leave Readmission Committee, made up of representatives of Columbia University Health Services and the Center for Student Advising, meets in June and November to consider readmission requests for the fall and spring, respectively. Committee review is not guaranteed when documentation is submitted late. Students will receive

notification one of the following three outcomes of the Committee’s assessment of readmission requests:

1. Applicants are approved for interview by relevant Columbia University Health Services practitioner, for final adjudication. Students may then be officially readmitted or denied readmission and will be notified by the Center for Student Advising by letter and email;
2. Additional information is requested;
3. Readmission denied. Students may reapply.

Once officially readmitted, students will be provided an on-line 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 housing application by following the instructions in the readmission letter. Students on leave cannot participate in housing lotteries until readmitted.

Students must note that all financial obligations to the University must be cleared before readmission is finalized.

Students are urged to meet with their advising dean and a Residential Programs staff member, if applicable, during the first two weeks upon return to campus to ensure a smooth transition to the campus community. Students wishing to change CSA adviser assignment should email Monique Rinere, Dean of Advising, at mrinere@columbia.edu.

VOLUNTARY LEAVE OF ABSENCE

A voluntary leave of absence (VLOA) may be granted by the Committee on Academic Standing to undergraduate students who request a temporary withdrawal from Columbia College for a nonmedical reason. Students considering a voluntary leave must discuss this option in advance with their advising dean in the Center for Student Advising. Voluntary leaves are granted for a period of one to four terms. Students must be in good academic standing at the time of the leave, and must be able to complete the degree in eight semesters. Students may not take courses for transferable credit while on leave. Finally, 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.

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 dean in the Center for Student Advising.

When an emergency family leave of absence is granted during the course of the semester, the semester will be deleted if the leave begins prior to the drop deadline. If a student leaves after the drop deadline, the course grades will normally be W (authorized withdrawal) in all courses. In certain circumstances, a student may qualify for an Incomplete, which would have to be completed by the first week of the semester in which the student returns to Columbia. If the Incomplete is not completed by that time, a W will be inserted.

To return to Columbia College, students must notify the 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.

Students who decide not to return must notify the Center for Student Advising of their decision. Leaves may not extend beyond four semesters. Students who do not notify the Center for Student Advising of their intentions by the end of the two-year period will be permanently withdrawn from the College.

READMISSION

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 Center for Student Advising. Students should consult their advising dean for further information.

Students who fail to graduate and who have been withdrawn must apply for readmission within a two-year period in order to have an opportunity to complete the degree. 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 students' ability to successfully complete the degree within one calendar year. Inquiries regarding readmission should be directed to the Center for Student Advising.

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 in 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).

GOVERNANCE

DEGREE REQUIREMENTS

The Committee on Instruction and the faculty of Columbia College review College degree requirements and curricular matters each year. The Bulletin reflects these faculty recommendations and curricular changes in its annual publication. College policy requires students to fulfill the degree requirements as stated in the bulletin of the first year of their matriculation into the College.

MODIFICATION OF REQUIREMENTS

The requirements for the degree may be modified or waived in individual cases only by the faculty Committee on Instruction acting for the Faculty of Arts and Sciences. Students wishing to petition the Committee are advised to discuss their requests with their advising dean.

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, the associate dean of advising, and the dean of advising.

CORE CURRICULUM

The Center for the Core Curriculum (<http://www.college.columbia.edu/core>) • 202 Hamilton; 212-854-2453

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—observation, analysis, argument, imaginative comparison, respect for ideas, nuances, and differences—provide a rigorous preparation for life as an engaged citizen in today's complex and changing world.

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LITERATURE HUMANITIES

Chair of Literature Humanities: Prof. Julie Crawford, 602 Philosophy; 212-854-5779

Literature Humanities Website (<http://www.college.columbia.edu/core/lithum>)

HUMA C1001 Masterpieces of Western Literature and Philosophy- HUMA C1002 Masterpieces of Western Literature and Philosophy. Popularly known as “Literature Humanities” or “Lit Hum,” this yearlong course 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 class work 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 intellectual 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, Aeschylus, Sophocles, Euripides, Herodotus, Thucydides, Aristophanes, Plato, Vergil, Augustine, Dante, Boccaccio, Montaigne, Shakespeare, Austen, Dostoevsky, and Woolf, as well as Hebrew Scriptures and New Testament writings.

REGISTRATION PROCEDURE

All information concerning registration in *HUMA C1001 Masterpieces of Western Literature and Philosophy- HUMA C1002 Masterpieces of Western Literature and Philosophy* is included in the registration materials sent to students. All first-year students are preregistered in Literature Humanities.

COURSES OF INSTRUCTION

HUMA C1001 Masterpieces of Western Literature and Philosophy. 4 points.

Prerequisites: NULL

Corequisites: NULL

Taught by members of the Departments of Classics, English and Comparative Literature, French, German, Italian, Middle East and Asian Languages and Cultures, Philosophy, Religion, Slavic Languages, and Spanish; and 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 2014: HUMA C1001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1001	001/81846	M W 9:00am - 10:50am 609 Hamilton Hall	Stephane Charitos	4	22/22
HUMA 1001	002/82396	M W 9:00am - 10:50am 613 Hamilton Hall	Robert Thomas	4	22/21
HUMA 1001	003/82846	M W 9:00am - 10:50am 306 Hamilton Hall	Nancy Workman	4	21/22
HUMA 1001	004/83146	M W 9:00am - 10:50am 318 Hamilton Hall	Samuel North	4	22/21
HUMA 1001	005/83446	M W 9:00am - 10:50am 302 Hamilton Hall	Mark Mazower	4	22/22
HUMA 1001	006/87096	M W 2:10pm - 4:00pm 511 Hamilton Hall	Richard Sacks	4	22/21
HUMA 1001	007/87447	M W 2:10pm - 4:00pm 602 Northwest Corner	Jennifer Rhodes	4	22/22
HUMA 1001	008/87796	M W 2:10pm - 4:00pm 304 Hamilton Hall	Amy Johnson	4	22/21
HUMA 1001	009/88196	M W 2:10pm - 4:00pm C01 Knox Hall	Darragh Martin	4	22/22
HUMA 1001	010/88496	M W 2:10pm - 4:00pm 303 Hamilton Hall	James Adams	4	22/21
HUMA 1001	011/88746	M 2:10pm - 4:00pm C01 80 Claremont	Anne Diebel	4	22/22
HUMA 1001	011/88746	W 2:10pm - 4:00pm 222 Pupin Laboratories	Anne Diebel	4	22/22
HUMA 1001	012/91146	M W 2:10pm - 4:00pm 224 Pupin Laboratories	Alan Fishbone	4	22/21
HUMA 1001	013/91446	M W 2:10pm - 4:00pm 609 Hamilton Hall	Liza Knapp	4	22/22
HUMA 1001	014/91846	M W 4:10pm - 6:00pm 509 Hamilton Hall	Elizabeth Marcus	4	22/21
HUMA 1001	015/92146	M W 4:10pm - 6:00pm 318 Hamilton Hall	Seth Kimmel	4	22/22
HUMA 1001	016/92396	M 4:10pm - 6:00pm C01 80 Claremont	Anne Diebel	4	22/21
HUMA 1001	016/92396	W 4:10pm - 6:00pm 222 Pupin Laboratories	Anne Diebel	4	22/21
HUMA 1001	017/92747	M W 4:10pm - 6:00pm 511 Hamilton Hall	Emily Shortleif	4	22/22
HUMA 1001	018/93046	M W 4:10pm - 6:00pm C01 Knox Hall	Darragh Martin	4	21/21
HUMA 1001	019/93297	M W 4:10pm - 6:00pm 425 Pupin Laboratories	Frederick Bengtsson	4	22/22
HUMA 1001	020/93546	M W 6:10pm - 8:00pm 302 Hamilton Hall	Maude Meisel	4	22/21
HUMA 1001	021/95946	M W 6:10pm - 8:00pm 201 80 Claremont	Joseph Blankholm	4	22/22
HUMA 1001	022/96248	M W 6:10pm - 8:00pm C01 80 Claremont	Audrey Walton	4	21/21
HUMA 1001	023/96496	M W 6:10pm - 8:00pm 306 Hamilton Hall	Pier Mattia Tommasino	4	22/22
HUMA 1001	024/96746	T Th 9:00am - 10:50am 111 Carman Hall	Hiie Saumaa	4	22/21
HUMA 1001	025/97046	T Th 9:00am - 10:50am 302 Fayerweather	Johanna Urzedowski	4	21/22

HUMA 1001	026/97346	T Th 9:00am - 10:50am	Samuel North	4	21/21
HUMA 1001	027/97697	T Th 9:00am - 10:50am	Rebecca Stanton	4	22/22
HUMA 1001	028/97997	T Th 9:00am - 10:50am	Jeffrey Wayno	4	20/21
HUMA 1001	029/98296	T Th 9:00am - 10:50am	Tatiana Smoliarova	4	22/22
HUMA 1001	030/98546	T Th 9:00am - 10:50am	Ross Ufberg	4	22/21
HUMA 1001	031/75030	T Th 11:00am - 12:50pm	Grace Delmolino	4	21/22
HUMA 1001	032/76281	T Th 11:00am - 12:50pm	Timothy Donahue	4	21/21
HUMA 1001	033/77529	T Th 11:00am - 12:50pm	Sharon Fulton	4	20/22
HUMA 1001	034/78779	T Th 11:00am - 12:50pm	Peter Pouncey, Elina Yuffa	4	22/21
HUMA 1001	035/80281	T Th 11:00am - 12:50pm	Anne Holt	4	22/22
HUMA 1001	036/81530	T Th 11:00am - 12:50pm	Akash Kumar	4	22/21
HUMA 1001	037/82780	T Th 11:00am - 12:50pm	Katja Lindskog	4	21/22
HUMA 1001	038/84780	T Th 11:00am - 12:50pm	Nicholas Dames	4	22/21
HUMA 1001	039/88029	T Th 11:00am - 12:50pm	Hiie Saumaa	4	22/22
HUMA 1001	040/14279	T Th 11:00am - 12:50pm	Lucas Kwong	4	20/21
HUMA 1001	041/10996	T Th 11:00am - 12:50pm	Steven Baker	4	20/22
HUMA 1001	042/11296	T Th 2:10pm - 4:00pm	Molly Murray	4	22/21
HUMA 1001	043/12747	T Th 2:10pm - 4:00pm	Katja Lindskog	4	22/22
HUMA 1001	044/13048	T Th 2:10pm - 4:00pm	Anne Holt	4	21/21
HUMA 1001	045/13296	T Th 2:10pm - 4:00pm	Sharon Fulton	4	22/22
HUMA 1001	046/13546	T Th 2:10pm - 4:00pm	Elisabeth Ladenson	4	18/21
HUMA 1001	047/15796	T Th 2:10pm - 4:00pm	Julie Crawford	4	21/22
HUMA 1001	048/16096	T Th 2:10pm - 4:00pm	Austin Graham	4	21/21
HUMA 1001	049/16396	T Th 4:10pm - 6:00pm	Janet Lee	4	22/22
HUMA 1001	050/16646	T Th 4:10pm - 6:00pm	Sahar Ullah	4	21/21
HUMA 1001	051/16946	T Th 4:10pm - 6:00pm	Katharine McIntyre	4	22/22
HUMA 1001	052/17198	T Th 4:10pm - 6:00pm	Grant Wythoff	4	22/21
HUMA 1001	053/17497	T Th 4:10pm - 6:00pm	Rashmi Sahni	4	22/22
HUMA 1001	054/17747	T Th 4:10pm - 6:00pm	Akash Kumar	4	22/21

HUMA 1001	055/18046	T Th 6:10pm - 8:00pm	Jude Webre	4	22/22
HUMA 1001	056/18396	T Th 6:10pm - 8:00pm	Maxwell Uphaus	4	19/21
HUMA 1001	057/18646	T Th 6:10pm - 8:00pm	Yvonne Zivkovic	4	22/22
HUMA 1001	061/60784	T Th 6:10pm - 8:00pm	Maria Doubrovskaja	4	20/22

HUMA C1002 Masterpieces of Western Literature and Philosophy. 4 points.

Prerequisites: NULL

Corequisites: NULL

Taught by members of the Departments of Classics, English and Comparative Literature, French, German, Italian, Middle East and Asian Languages and Cultures, Philosophy, Religion, Slavic Languages, and Spanish; and 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 2015: HUMA C1002

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1002	001/13246	M W 9:00am - 10:50am 609 Hamilton Hall	Lydia Goehr	4	22/21
HUMA 1002	002/13696	M W 9:00am - 10:50am 613 Hamilton Hall	Gareth Williams	4	22/21
HUMA 1002	003/15996	M W 9:00am - 10:50am 306 Hamilton Hall	Nancy Workman	4	21/21
HUMA 1002	004/16299	M W 9:00am - 10:50am 318 Hamilton Hall	Samuel North	4	22/21
HUMA 1002	005/16646	M W 9:00am - 10:50am 302 Hamilton Hall	Mark Mazower	4	23/21
HUMA 1002	006/16946	M W 2:10pm - 4:00pm 511 Hamilton Hall	Richard Sacks	4	22/21
HUMA 1002	007/17396	M W 2:10pm - 4:00pm 602 Northwest Corner	Jennifer Rhodes	4	22/21
HUMA 1002	008/17846	M W 2:10pm - 4:00pm 304 Hamilton Hall	Patricia Grieve	4	22/21
HUMA 1002	009/18296	M W 2:10pm - 4:00pm 509 Hamilton Hall	Darragh Martin	4	22/21
HUMA 1002	010/18547	M W 2:10pm - 4:00pm 303 Hamilton Hall	James Adams	4	22/21
HUMA 1002	011/20847	M W 2:10pm - 4:00pm 309 Hamilton Hall	Anne Diebel	4	22/21
HUMA 1002	012/21098	M W 2:10pm - 4:00pm 224 Pupin Laboratories	Robert Thomas	4	22/21
HUMA 1002	013/29029	M W 2:10pm - 4:00pm 609 Hamilton Hall	Liza Knapp	4	22/21
HUMA 1002	014/22193	M W 4:10pm - 6:00pm 509 Hamilton Hall	Elizabeth Marcus	4	21/21
HUMA 1002	015/28443	M W 4:10pm - 6:00pm 318 Hamilton Hall	Seth Kimmel	4	21/21
HUMA 1002	016/23318	M W 4:10pm - 6:00pm 309 Hamilton Hall	Anne Diebel	4	22/21

HUMA 1002	017/88006	M W 4:10pm - 6:00pm	Emily Shortsfef	4	21/21	HUMA 1002	047/73317	T Th 2:10pm - 4:00pm	Julie Crawford	4	22/21
HUMA 1002	018/73047	M W 4:10pm - 6:00pm	Darragh Martin	4	22/21	HUMA 1002	048/60822	T Th 2:10pm - 4:00pm	Austin Graham	4	22/21
HUMA 1002	019/77896	M W 4:10pm - 6:00pm	Frederick Bengtsson	4	22/21	HUMA 1002	049/67192	T Th 4:10pm - 6:00pm	Janet Lee	4	22/21
HUMA 1002	020/78247	M W 6:10pm - 8:00pm	Maude Meisel	4	22/21	HUMA 1002	050/60530	T Th 4:10pm - 6:00pm	Sahar Ullah	4	21/21
HUMA 1002	021/81496	M W 6:10pm - 8:00pm	Joseph Blankholm	4	22/21	HUMA 1002	051/83279	T Th 4:10pm - 6:00pm	Katharine McIntyre	4	22/21
HUMA 1002	022/81749	M W 6:10pm - 8:00pm	Audrey Walton	4	21/21	HUMA 1002	052/85029	T Th 4:10pm - 6:00pm	David Yerkes	4	22/21
HUMA 1002	023/81996	M W 6:10pm - 8:00pm	Pier Mattia Tommasino	4	21/21	HUMA 1002	053/86279	T Th 4:10pm - 6:00pm	Rashmi Sahni	4	22/21
HUMA 1002	024/21396	T Th 9:00am - 10:50am	Hiie Saumaa	4	22/21	HUMA 1002	054/87779	T Th 4:10pm - 6:00pm	Akash Kumar	4	22/21
HUMA 1002	025/21796	T Th 9:00am - 10:50am	Johanna Urzedowski	4	22/21	HUMA 1002	055/89029	T Th 6:10pm - 8:00pm	Jude Webre	4	22/21
HUMA 1002	026/22197	T Th 9:00am - 10:50am	Samuel North	4	22/21	HUMA 1002	056/73442	T Th 6:10pm - 8:00pm	Maxwell Uphaus	4	22/21
HUMA 1002	027/22546	T Th 9:00am - 10:50am	Rebecca Stanton	4	22/21	HUMA 1002	057/83442	T Th 6:10pm - 8:00pm	Yvonne Zivkovic	4	21/21
HUMA 1002	028/22846	T Th 9:00am - 10:50am	Jeffrey Wayno	4	22/21	HUMA 1002	061/93443	T Th 6:10pm - 8:00pm	Maria Doubrovskaja	4	22/21
HUMA 1002	029/23096	T Th 9:00am - 10:50am	Tatiana Smoliarova	4	22/21						
HUMA 1002	030/23396	T Th 9:00am - 10:50am	Ross Ufberg	4	22/21						
HUMA 1002	031/23647	T Th 11:00am - 12:50pm	Grace Delmolino	4	21/21						
HUMA 1002	032/25996	T Th 11:00am - 12:50pm	Timothy Donahue	4	21/21						
HUMA 1002	033/26646	T Th 11:00am - 12:50pm	John Collins	4	21/21						
HUMA 1002	034/26896	T Th 11:00am - 12:50pm	Isabelle Levy	4	21/21						
HUMA 1002	035/27396	T Th 11:00am - 12:50pm	Anne Holt	4	21/21						
HUMA 1002	036/28496	T Th 11:00am - 12:50pm	Akash Kumar	4	22/21						
HUMA 1002	037/25029	T Th 11:00am - 12:50pm	Katja Lindskog	4	21/21						
HUMA 1002	038/26779	T Th 11:00am - 12:50pm	Edward Mendelson	4	22/21						
HUMA 1002	039/28280	T Th 11:00am - 12:50pm	Hiie Saumaa	4	21/21						
HUMA 1002	040/29779	T Th 11:00am - 12:50pm	Lucas Kwong	4	15/21						
HUMA 1002	041/29570	T Th 11:00am - 12:50pm	Steven Baker	4	22/21						
HUMA 1002	042/88007	T Th 2:10pm - 4:00pm	Molly Murray	4	22/21						
HUMA 1002	043/63005	T Th 2:10pm - 4:00pm	Katja Lindskog	4	22/21						
HUMA 1002	044/64691	T Th 2:10pm - 4:00pm	Anne Holt	4	22/21						
HUMA 1002	045/25943	T Th 2:10pm - 4:00pm	David Yerkes	4	22/21						
HUMA 1002	046/92069	T Th 2:10pm - 4:00pm	Sandra Prior	4	22/21						

CONTEMPORARY CIVILIZATION

Chair of Contemporary Civilization: Prof. Matthew L. Jones, 514 Fayerweather; 212-854-2421

Contemporary Civilization Website (<http://www.college.columbia.edu/core/conciv>)

COCI C1101 Introduction To Contemporary Civilization-COCI C1102 Introduction To Contemporary Civilization. The central purpose of “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; the course is intended 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 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 have 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 yearlong 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, and works by Plato, Aristotle, Augustine, Machiavelli, Descartes, Hobbes, Locke, Hume, Smith, Rousseau, Kant, Burke, Tocqueville, Mill, Hegel, Marx, Darwin, Nietzsche, DuBois, Freud, and Woolf.

REGISTRATION PROCEDURE

All information concerning registration in *COCI C1101 Introduction To Contemporary Civilization- COCI C1102 Introduction To Contemporary Civilization* is included in the registration materials sent to students. Students normally take Contemporary Civilization in their second year at Columbia.

COURSES OF INSTRUCTION

COCI C1101 Introduction To Contemporary Civilization. 4 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

Fall 2014: COCI C1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COCI 1101	001/13598	M W 9:00am - 10:50am 313 Hamilton Hall	Emily Yao	4	20/21
COCI 1101	002/15997	M W 9:00am - 10:50am 111 Carman Hall	Mark Berger	4	21/22
COCI 1101	003/16296	M W 9:00am - 10:50am 109 Hartley Hall	Tolga Kobas	4	22/21
COCI 1101	004/16596	M W 9:00am - 10:50am 206 Broadway Residence Hall	Charles McNamara	4	21/22
COCI 1101	005/16947	M W 9:00am - 10:50am 301 Hamilton Hall	Michael Stanislawski	4	21/21

COCI 1101	006/17248	M W 11:00am - 12:50pm 302 Hamilton Hall	Dan-el Peralta	4	22/22
COCI 1101	007/17696	M W 11:00am - 12:50pm 425 Pupin Laboratories	Yogesh Chandrani	4	18/21
COCI 1101	008/17996	M W 11:00am - 12:50pm 306 Hamilton Hall	Mana Kia	4	22/22
COCI 1101	009/18246	M W 11:00am - 12:50pm 304 Hamilton Hall	Adam Reich	4	21/21
COCI 1101	010/18546	M W 11:00am - 12:50pm 111 Carman Hall	Ajay Chaudhary	4	22/22
COCI 1101	011/20796	M W 11:00am - 12:50pm 318 Hamilton Hall	Malgorzata Mazurek	4	21/21
COCI 1101	012/21097	M W 11:00am - 12:50pm 301 Hamilton Hall	Bronwen McShea	4	19/22
COCI 1101	013/21397	M W 11:00am - 12:50pm 109 Hartley Hall	Andreas Avgousti	4	21/21
COCI 1101	014/21646	M W 11:00am - 12:50pm 206 Broadway Residence Hall	Michael Stevenson	4	22/22
COCI 1101	015/21947	M W 2:10pm - 4:00pm 301 Hamilton Hall	Dennis Tenen	4	21/21
COCI 1101	016/22296	M W 2:10pm - 4:00pm 109 Hartley Hall	Jennifer Rudd	4	22/22
COCI 1101	017/22548	M W 2:10pm - 4:00pm 306 Hamilton Hall	Luke MacInnis	4	22/21
COCI 1101	018/22796	M W 2:10pm - 4:00pm 302 Hamilton Hall	Andrew Nathan	4	22/22
COCI 1101	019/23647	M W 2:10pm - 4:00pm 509 Hamilton Hall	David Johnston	4	22/21
COCI 1101	020/25896	M W 2:10pm - 4:00pm 206 Broadway Residence Hall	Heather Ohaneson	4	22/22
COCI 1101	021/26146	M W 2:10pm - 4:00pm 111 Carman Hall	Beau Shaw	4	22/21
COCI 1101	022/26397	M W 2:10pm - 4:00pm 601b Fairchild Life Sciences Bldg	Ajay Chaudhary	4	22/22
COCI 1101	023/26696	M W 4:10pm - 6:00pm 109 Hartley Hall	Yohann Ripert	4	21/21
COCI 1101	024/27046	M W 4:10pm - 6:00pm 301 Hamilton Hall	Peter Pazzagliani	4	22/22
COCI 1101	025/27347	M W 4:10pm - 6:00pm 413 Hamilton Hall	Damon Horowitz	4	21/21
COCI 1101	026/27646	M W 4:10pm - 6:00pm 206 Broadway Residence Hall	Heather Ohaneson	4	22/22
COCI 1101	027/27897	M W 4:10pm - 6:00pm 616 Hamilton Hall	Katharina Ivanyi	4	21/21
COCI 1101	028/28197	M W 4:10pm - 6:00pm 111 Carman Hall	Beau Shaw	4	22/22
COCI 1101	029/28647	M W 4:10pm - 6:00pm 306 Hamilton Hall	Luke MacInnis	4	21/21
COCI 1101	030/25280	M W 4:10pm - 6:00pm 302 Hamilton Hall	Yogesh Chandrani	4	22/22
COCI 1101	031/26532	M W 4:10pm - 6:00pm 411 Hamilton Hall	Karen Benezra	4	19/21
COCI 1101	032/28029	M W 4:10pm - 6:00pm 303 Hamilton Hall	Irene SanPietro	4	22/22
COCI 1101	033/29279	M W 6:10pm - 8:00pm 301 Hamilton Hall	Jennifer Rudd	4	22/21
COCI 1101	034/23442	M W 6:10pm - 8:00pm	Asheesh Siddique	4	22/22

		206 Broadway Residence Hall				
COCI 1101	035/25507	T Th 9:00am - 10:50am 109 Hartley Hall	Mathias Hanses	4	22/21	
COCI 1101	036/75506	T Th 9:00am - 10:50am 301 Hamilton Hall	Evan Neely	4	22/22	
COCI 1101	037/13004	T Th 9:00am - 10:50am 433 Horace Mann Hall	Nicole Callahan	4	21/21	
COCI 1101	038/92066	T Th 9:00am - 10:50am 206 Broadway Residence Hall	Porter Williams	4	21/22	
COCI 1101	039/62191	T Th 9:00am - 10:50am 309 Hamilton Hall	Charly Coleman	4	21/21	
COCI 1101	040/24692	T Th 2:10pm - 4:00pm 301 Hamilton Hall	E. Valentine Daniel	4	21/22	
COCI 1101	041/63030	T Th 2:10pm - 4:00pm 109 Hartley Hall	Kevin Elliott	4	20/21	
COCI 1101	042/64532	T Th 2:10pm - 4:00pm 111 Carman Hall	Alheli Alvarado-Diaz	4	22/22	
COCI 1101	043/76282	T Th 2:10pm - 4:00pm 206 Broadway Residence Hall	Jay Shuttlesworth	4	21/21	
COCI 1101	044/77780	T Th 2:10pm - 4:00pm 306 Hamilton Hall	Susan Pedersen	4	21/22	
COCI 1101	045/79031	T Th 2:10pm - 4:00pm 318 Hamilton Hall	Carol Rovane	4	22/21	
COCI 1101	046/80530	T Th 2:10pm - 4:00pm 424 Pupin Laboratories	Stephanie Ramsey	4	21/22	
COCI 1101	047/81780	T Th 2:10pm - 4:00pm 313 Pupin Laboratories	Jenny Boulboulle	4	21/21	
COCI 1101	048/83029	T Th 2:10pm - 4:00pm 224 Pupin Laboratories	Donna Bilak	4	21/22	
COCI 1101	049/84531	T Th 4:10pm - 6:00pm 301 Hamilton Hall	Douglas Chalmers	4	22/21	
COCI 1101	050/86279	T Th 4:10pm - 6:00pm 206 Broadway Residence Hall	Veli Yasin	4	22/22	
COCI 1101	051/87781	T Th 4:10pm - 6:00pm 601b Fairchild Life Sciences Bldg	Samuel Biagetti	4	20/21	
COCI 1101	052/89029	T Th 4:10pm - 6:00pm 111 Carman Hall	Liane Carlson	4	22/22	
COCI 1101	053/74691	T Th 4:10pm - 6:00pm 509 Hamilton Hall	Richard John	4	22/21	
COCI 1101	054/82191	T Th 4:10pm - 6:00pm 306 Hamilton Hall	Joaquin Barriendos	4	22/22	
COCI 1101	055/89691	T Th 4:10pm - 6:00pm 609 Hamilton Hall	Jay Gundacker	4	21/21	
COCI 1101	056/95941	T Th 4:10pm - 6:00pm 302 Hamilton Hall	Murad Idris	4	22/22	
COCI 1101	057/88008	T Th 4:10pm - 6:00pm 318 Hamilton Hall	Alexander Gil	4	21/21	
COCI 1101	058/10941	T Th 6:10pm - 8:00pm 607 Hamilton Hall	Justin Clarke-Doane	4	21/22	
COCI 1101	059/19691	T Th 6:10pm - 8:00pm 301 Hamilton Hall	Jeremy Forster	4	21/21	

COCI C1102 Introduction To Contemporary Civilization.
4 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 2015: COCI C1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COCI 1102	001/24694	M W 9:00am - 10:50am 313 Hamilton Hall	Emily Yao	4	21/21
COCI 1102	002/60823	M W 9:00am - 10:50am 111 Carman Hall	Mark Berger	4	22/21
COCI 1102	003/69259	M W 9:00am - 10:50am 109 Hartley Hall	Tolga Kobas	4	20/21
COCI 1102	004/73319	M W 9:00am - 10:50am 206 Broadway Residence Hall	Charles McNamara	4	17/21
COCI 1102	005/92070	M W 9:00am - 10:50am 301 Hamilton Hall	Michael Stanislawski	4	21/21
COCI 1102	006/60279	M W 11:00am - 12:50pm 302 Hamilton Hall	Adam Kosto	4	21/21
COCI 1102	007/81246	M W 11:00am - 12:50pm 425 Pupin Laboratories	Yogesh Chandrani	4	21/21
COCI 1102	008/81646	M W 11:00am - 12:50pm 306 Hamilton Hall	Mana Kia	4	22/21
COCI 1102	009/81997	M W 11:00am - 12:50pm 304 Hamilton Hall	Jessica Kimpell	4	21/21
COCI 1102	010/82346	M W 11:00am - 12:50pm 111 Carman Hall	Ajay Chaudhary	4	22/21
COCI 1102	011/82646	M W 11:00am - 12:50pm 318 Hamilton Hall	Malgorzata Mazurek	4	22/21
COCI 1102	012/82947	M W 11:00am - 12:50pm 301 Hamilton Hall	Victoria De Grazia	4	21/21
COCI 1102	013/83246	M W 11:00am - 12:50pm 109 Hartley Hall	Andreas Avgousti	4	20/21
COCI 1102	014/83546	M W 11:00am - 12:50pm 206 Broadway Residence Hall	Michael Stevenson	4	20/21
COCI 1102	015/85946	M W 2:10pm - 4:00pm 301 Hamilton Hall	Dennis Tenen	4	22/21
COCI 1102	016/86196	M W 2:10pm - 4:00pm 109 Hartley Hall	Jennifer Rudd	4	22/21
COCI 1102	017/86446	M W 2:10pm - 4:00pm 306 Hamilton Hall	Luke MacInnis	4	22/21
COCI 1102	018/12797	M W 2:10pm - 4:00pm 302 Hamilton Hall	Jean Cohen	4	22/21
COCI 1102	019/13247	M W 2:10pm - 4:00pm C01 80 Claremont	Justin Reynolds	4	20/21
COCI 1102	020/13546	M W 2:10pm - 4:00pm 206 Broadway Residence Hall	Heather Ohaneson	4	21/21
COCI 1102	021/15796	M W 2:10pm - 4:00pm 111 Carman Hall	Beau Shaw	4	22/21
COCI 1102	022/16146	M W 2:10pm - 4:00pm	Ajay Chaudhary	4	22/21

		601b Fairchild Life Sciences Bldg			
COCI 1102	023/16397	M W 4:10pm - 6:00pm 109 Hartley Hall	Yohann Ripert	4	22/21
COCI 1102	024/17046	M W 4:10pm - 6:00pm 301 Hamilton Hall	Adam Reich	4	22/21
COCI 1102	025/18196	M W 4:10pm - 6:00pm 413 Hamilton Hall	Damon Horowitz	4	22/21
COCI 1102	026/18496	M W 4:10pm - 6:00pm 206 Broadway Residence Hall	Heather Ohaneson	4	22/21
COCI 1102	027/20947	M W 4:10pm - 6:00pm 616 Hamilton Hall	Sharon Marcus	4	21/21
COCI 1102	028/27598	M W 4:10pm - 6:00pm 111 Carman Hall	Beau Shaw	4	22/21
COCI 1102	029/27946	M W 4:10pm - 6:00pm 306 Hamilton Hall	Luke MacInnis	4	21/21
COCI 1102	030/68443	M W 4:10pm - 6:00pm 302 Hamilton Hall	Yogesh Chandrani	4	22/21
COCI 1102	031/23442	M W 4:10pm - 6:00pm 411 Hamilton Hall	Karen Benezra	4	22/21
COCI 1102	032/29693	M W 4:10pm - 6:00pm 303 Hamilton Hall	Irene SanPietro	4	22/21
COCI 1102	033/23319	M W 6:10pm - 8:00pm 301 Hamilton Hall	Jennifer Rudd	4	21/21
COCI 1102	034/88008	M W 6:10pm - 8:00pm 206 Broadway Residence Hall	Asheesh Siddique	4	20/21
COCI 1102	035/19258	T Th 9:00am - 10:50am 109 Hartley Hall	Mathias Hanses	4	21/21
COCI 1102	036/88944	T Th 9:00am - 10:50am 301 Hamilton Hall	Harro Mueller	4	20/21
COCI 1102	037/63442	T Th 9:00am - 10:50am C01 80 Claremont	Nicole Callahan	4	21/21
COCI 1102	038/69692	T Th 9:00am - 10:50am 206 Broadway Residence Hall	Porter Williams	4	22/21
COCI 1102	039/62280	T Th 9:00am - 10:50am 309 Hamilton Hall	Charly Coleman	4	22/21
COCI 1102	040/63530	T Th 2:10pm - 4:00pm 301 Hamilton Hall	Robert Gooding-Williams	4	22/21
COCI 1102	041/75030	T Th 2:10pm - 4:00pm 109 Hartley Hall	Kevin Elliott	4	22/21
COCI 1102	042/76279	T Th 2:10pm - 4:00pm 111 Carman Hall	Alheli Alvarado-Diaz	4	22/21
COCI 1102	043/77529	T Th 2:10pm - 4:00pm 206 Broadway Residence Hall	Jay Shuttleworth	4	22/21
COCI 1102	044/79280	T Th 2:10pm - 4:00pm 306 Hamilton Hall	Susan Pedersen	4	22/21
COCI 1102	045/80529	T Th 2:10pm - 4:00pm 318 Hamilton Hall	Carol Rovane	4	22/21
COCI 1102	046/81530	T Th 2:10pm - 4:00pm C01 80 Claremont	Manan Ahmed	4	22/21
COCI 1102	047/82780	T Th 2:10pm - 4:00pm 313 Pupin Laboratories	Jenny Boulboulle	4	22/21
COCI 1102	048/84779	T Th 2:10pm - 4:00pm 224 Pupin Laboratories	Donna Bilak	4	22/21
COCI 1102	049/86280	T Th 4:10pm - 6:00pm 301 Hamilton Hall	Douglas Chalmers	4	22/21

COCI 1102	050/87281	T Th 4:10pm - 6:00pm 206 Broadway Residence Hall	Veli Yasin	4	21/21
COCI 1102	051/88530	T Th 4:10pm - 6:00pm 601b Fairchild Life Sciences Bldg	Samuel Biagetti	4	21/21
COCI 1102	052/99780	T Th 4:10pm - 6:00pm 111 Carman Hall	Liane Carlson	4	21/21
COCI 1102	053/78441	T Th 4:10pm - 6:00pm 509 Hamilton Hall	Richard John	4	21/21
COCI 1102	054/84691	T Th 4:10pm - 6:00pm 306 Hamilton Hall	Joaquin Barriendos	4	22/21
COCI 1102	055/89691	T Th 4:10pm - 6:00pm 609 Hamilton Hall	Jay Gundacker	4	21/21
COCI 1102	056/95941	T Th 4:10pm - 6:00pm 302 Hamilton Hall	Roosevelt Montas	4	22/21
COCI 1102	057/94260	T Th 4:10pm - 6:00pm 318 Hamilton Hall	Alexander Gil	4	22/21
COCI 1102	058/10941	T Th 6:10pm - 8:00pm 607 Hamilton Hall	Justin Clarke-Doane	4	22/21
COCI 1102	059/17191	T Th 6:10pm - 8:00pm 301 Hamilton Hall	Jeremy Forster	4	21/21

ART HUMANITIES

Chair of Art Humanities: Prof. Branden Joseph, 613 Schermerhorn; 212-854-2811

Art Humanities Website (<http://www.college.columbia.edu/core/classes/arhum.php>)

HUMA W1121 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=HUMA%20W1121>) *Masterpieces of Western Art*. "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 included in the syllabus are the Parthenon, Amiens Cathedral, and works by Raphael, Michelangelo, Bruegel, Bernini, Rembrandt, Goya, Monet, Picasso, Wright, Le Corbusier, Pollock, and Warhol. 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. A sophisticated website is an integral part of the course and can be viewed at <http://learn.columbia.edu/arhumanities/>.

REGISTRATION PROCEDURE

All information concerning registration in *HUMA W1121* (<http://bulletin.columbia.edu/archive/2014-15/search/?P=HUMA%20W1121>) *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.

COURSES OF INSTRUCTION

HUMA W1121 Masterpieces of Western Art. 3 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 2014: HUMA W1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1121	001/21994	M W 8:40am - 9:55am 604 Schermerhorn Hall	Olivia Powell	3	22/21
HUMA 1121	002/10916	M W 8:40am - 9:55am 607 Schermerhorn Hall	Carrie Cushman	3	20/21
HUMA 1121	003/77080	M W 8:40am - 9:55am 608 Schermerhorn Hall	Lindsay Cook	3	21/21
HUMA 1121	004/17176	M W 10:10am - 11:25am 604 Schermerhorn Hall	Holger Klein	3	21/21
HUMA 1121	005/25659	M W 10:10am - 11:25am 607 Schermerhorn Hall	Eliza Butler	3	22/21
HUMA 1121	006/20156	M W 10:10am - 11:25am 608 Schermerhorn Hall	Catherine Girard	3	21/21
HUMA 1121	007/75667	M W 11:40am - 12:55pm 604 Schermerhorn Hall	Gillian Young	3	22/21
HUMA 1121	008/61583	M W 11:40am - 12:55pm 607 Schermerhorn Hall	Jessica Maratsos	3	22/21
HUMA 1121	009/23331	M W 11:40am - 12:55pm 608 Schermerhorn Hall	Leah Pires	3	22/21
HUMA 1121	010/20641	M W 1:10pm - 2:25pm 604 Schermerhorn Hall	Sarah Schaefer	3	22/21
HUMA 1121	011/74040	M W 1:10pm - 2:25pm 607 Schermerhorn Hall	Jessica Maratsos	3	22/21
HUMA 1121	012/69914	M W 1:10pm - 2:25pm 608 Schermerhorn Hall	Maggie Meng Cao	3	21/21
HUMA 1121	013/12024	M W 2:40pm - 3:55pm 604 Schermerhorn Hall	Sarah Schaefer	3	21/21
HUMA 1121	014/19353	M W 2:40pm - 3:55pm 607 Schermerhorn Hall	Anastassia Botchkareva	3	21/21
HUMA 1121	015/62985	M W 2:40pm - 3:55pm 608 Schermerhorn Hall	Sonia Coman	3	21/21
HUMA 1121	016/29536	M W 4:10pm - 5:25pm 604 Schermerhorn Hall	Catherine Damman	3	21/21
HUMA 1121	017/16002	M W 4:10pm - 5:25pm 607 Schermerhorn Hall	Irina Oryshkevich	3	21/21
HUMA 1121	018/60186	M W 4:10pm - 5:25pm 608 Schermerhorn Hall	Elizabeth Gollnick	3	20/21
HUMA 1121	019/14518	T Th 8:40am - 9:55am 604 Schermerhorn Hall	Molly Allen	3	21/21
HUMA 1121	020/75008	T Th 8:40am - 9:55am 607 Schermerhorn Hall	Arathi Menon	3	20/21
HUMA 1121	021/20109	T Th 8:40am - 9:55am 608 Schermerhorn Hall	Page Knox	3	20/21
HUMA 1121	022/27725	T Th 10:10am - 11:25am 604 Schermerhorn Hall	Marie-Stephanie Delamaire	3	20/21
HUMA 1121	023/77416	T Th 10:10am - 11:25am 607 Schermerhorn Hall	Joseph Ackley	3	20/21

HUMA 1121	024/26370	T Th 10:10am - 11:25am 608 Schermerhorn Hall	Page Knox	3	20/21
HUMA 1121	025/73932	T Th 11:40am - 12:55pm 604 Schermerhorn Hall	Marie-Stephanie Delamaire	3	20/21
HUMA 1121	026/72661	T Th 11:40am - 12:55pm 607 Schermerhorn Hall	Veronica White	3	20/21
HUMA 1121	027/68328	T Th 11:40am - 12:55pm 608 Schermerhorn Hall	Marsely Kehoe	3	22/21
HUMA 1121	028/12081	T Th 2:40pm - 3:55pm 604 Schermerhorn Hall	Frederique Baumgartner	3	21/21
HUMA 1121	029/10222	T Th 2:40pm - 3:55pm 607 Schermerhorn Hall	Branden Joseph	3	21/21
HUMA 1121	030/22513	T Th 2:40pm - 3:55pm 608 Schermerhorn Hall	Susan Sivard	3	20/21
HUMA 1121	031/72877	T Th 4:10pm - 5:25pm 604 Schermerhorn Hall	Sofia Gans	3	19/21
HUMA 1121	032/29128	T Th 4:10pm - 5:25pm 607 Schermerhorn Hall	Andrea Vazquez de Arthur	3	19/21
HUMA 1121	033/64588	T Th 4:10pm - 5:25pm 832 Schermerhorn Hall	Lorenzo Buonanno	3	21/21
HUMA 1121	034/73803	T Th 5:40pm - 6:55pm 604 Schermerhorn Hall	James Chamberlain	3	21/21
HUMA 1121	035/69473	T Th 5:40pm - 6:55pm 607 Schermerhorn Hall	Matthew Teti	3	18/21
HUMA 1121	036/73559	T Th 5:40pm - 6:55pm 608 Schermerhorn Hall	Lucas Cohen	3	19/21
HUMA 1121	037/66178	T Th 7:10pm - 8:25pm 604 Schermerhorn Hall	Clare Kobasa	3	19/21
HUMA 1121	038/23664	T Th 7:10pm - 8:25pm 607 Schermerhorn Hall	Alvaro Luis Lima	3	20/21
HUMA 1121	039/85905	M W 5:40pm - 6:55pm 607 Schermerhorn Hall	Caitlin Beach	3	20/21
HUMA 1121	040/95854	T Th 4:10pm - 5:25pm 930 Schermerhorn Hall	Susan Sivard	3	20/21
HUMA 1121	041/81537	T Th 10:10am - 11:25am 832 Schermerhorn Hall	Diane Bodart	3	22/21
HUMA 1121	042/15900	T Th 1:10pm - 2:25pm 604 Schermerhorn Hall	Lorenzo Buonanno	3	21/21
HUMA 1121	043/11447	M W 7:10pm - 8:25pm 604 Schermerhorn Hall	Connie Choi	3	20/21
HUMA 1121	044/65968	T Th 7:10pm - 8:25pm 608 Schermerhorn Hall	Kathryn Chiong	3	22/21

Spring 2015: HUMA W1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1121	001/77029	M W 8:40am - 9:55am 604 Schermerhorn Hall	Olivia Powell	3	22/21
HUMA 1121	002/62589	M W 8:40am - 9:55am 607 Schermerhorn Hall	Clare Kobasa	3	21/21
HUMA 1121	003/13225	M W 8:40am - 9:55am 608 Schermerhorn Hall	Lindsay Cook	3	21/21
HUMA 1121	004/71229	M W 10:10am - 11:25am 604 Schermerhorn Hall	Dawn Delbanco	3	22/21
HUMA 1121	005/23039	M W 10:10am - 11:25am 607 Schermerhorn Hall	Joseph Ackley	3	21/21
HUMA 1121	006/23208	M W 10:10am - 11:25am 608 Schermerhorn Hall	Carolina Mangone	3	20/21
HUMA 1121	007/15569	M W 11:40am - 12:55pm 604 Schermerhorn Hall	Gale Berninghausen	3	22/21

HUMA 1121	008/60533	M W 11:40am - 12:55pm	Jessica Maratsos	3	22/21
HUMA 1121	009/28118	M W 11:40am - 12:55pm	Amara Magloughlin	3	22/21
HUMA 1121	010/20190	M W 1:10pm - 2:25pm	Sarah Schaefer	3	21/21
HUMA 1121	011/26862	M W 1:10pm - 2:25pm	Jessica Maratsos	3	21/21
HUMA 1121	012/24562	M W 1:10pm - 2:25pm	Lorenzo Buonanno	3	21/21
HUMA 1121	013/71990	M W 2:40pm - 3:55pm	Sarah Schaefer	3	22/21
HUMA 1121	014/22531	M W 2:40pm - 3:55pm	Sonia Coman	3	21/21
HUMA 1121	015/10641	M W 2:40pm - 3:55pm	Lorenzo Buonanno	3	21/21
HUMA 1121	016/18693	M W 4:10pm - 5:25pm	Caitlin Beach	3	21/21
HUMA 1121	017/21711	M W 4:10pm - 5:25pm	Anastassia Botchkareva	3	21/21
HUMA 1121	018/75423	M W 4:10pm - 5:25pm	Elizabeth Gollnick	3	19/21
HUMA 1121	019/64636	M W 5:40pm - 6:55pm	Lucas Cohen	3	21/21
HUMA 1121	020/63648	T Th 8:40am - 9:55am	Molly Allen	3	19/21
HUMA 1121	021/22582	T Th 8:40am - 9:55am	Carrie Cushman	3	21/21
HUMA 1121	022/76090	T Th 8:40am - 9:55am	Page Knox	3	21/21
HUMA 1121	023/26731	T Th 10:10am - 11:25am	Marie-Stephanie Delamaire	3	21/21
HUMA 1121	024/63867	T Th 10:10am - 11:25am	Eliza Butler	3	22/21
HUMA 1121	025/77182	T Th 10:10am - 11:25am	Page Knox	3	22/21
HUMA 1121	026/17247	T Th 11:40am - 12:55pm	Marie-Stephanie Delamaire	3	21/21
HUMA 1121	027/73956	T Th 11:40am - 12:55pm	Caroline Wamsler	3	21/21
HUMA 1121	028/14476	T Th 11:40am - 12:55pm	Leah Pires	3	22/21
HUMA 1121	029/76588	T Th 1:10pm - 2:25pm	Martina Mims	3	20/21
HUMA 1121	030/10663	T Th 1:10pm - 2:25pm	Andrea Vazquez de Arthur	3	22/21
HUMA 1121	031/66583	T Th 1:10pm - 2:25pm	Thomas Campbell	3	21/21
HUMA 1121	032/75305	T Th 2:40pm - 3:55pm	Catherine Damman	3	22/21
HUMA 1121	033/70506	T Th 2:40pm - 3:55pm	Sofia Gans	3	21/21
HUMA 1121	034/11482	T Th 2:40pm - 3:55pm	Susan Sivard	3	22/21
HUMA 1121	035/24622	T Th 4:10pm - 5:25pm	Matthew Teti	3	21/21
HUMA 1121	036/20503	T Th 4:10pm - 5:25pm	Gillian Young	3	20/21

HUMA 1121	037/20740	T Th 4:10pm - 5:25pm	Susan Sivard	3	22/21
HUMA 1121	038/67065	T Th 5:40pm - 6:55pm	Kathryn Chiong	3	20/21
HUMA 1121	039/83602	T Th 5:40pm - 6:55pm	Irina Oryshkevich	3	21/21
HUMA 1121	040/87798	T Th 5:40pm - 6:55pm	Alvaro Luis Lima	3	21/21
HUMA 1121	041/92197	T Th 7:10pm - 8:25pm	Kathryn Chiong	3	22/21
HUMA 1121	042/62700	T Th 8:40am - 9:55am	Martina Mims	3	20/21

MUSIC HUMANITIES

Chair of Music Humanities (fall): Prof. Elaine R. Sisman, 604 Dodge Hall; 212-854-7728

Chair of Music Humanities (spring): Prof. Walter Frisch, 613 Dodge Hall; 212-854-1256

Music Humanities Website (<http://www.college.columbia.edu/core/classes/mh.php>)

HUMA W1123 Masterpieces of Western Music. Part of the Core Curriculum since 1947, “Music Humanities” aims to instill in students a basic comprehension of the many forms of the Western musical imagination. Its specific goals are to awaken and encourage in students an appreciation of music in the Western world, to help them learn to respond intelligently to a variety of musical idioms, and to engage them in the issues of various debates about the character and purposes of music that have occupied composers and musical thinkers since ancient times. The course attempts to involve students actively in the process of critical listening, both in the classroom and in concerts that the students attend and write about. The extraordinary richness of musical life in New York is thus an integral part of the course. Although not a history of Western music, the course is taught in a chronological format and includes masterpieces by Josquin des Prez, Monteverdi, Bach, Handel, Mozart, Haydn, Beethoven, Verdi, Wagner, Schoenberg, and Stravinsky, among others. Since 2004, the works of jazz composers and improvisers, such as Louis Armstrong, Duke Ellington, and Charlie Parker, have been added to the list of masterpieces to be studied in this class. Music Humanities digital resources can be viewed at <http://www.columbia.edu/itc/music>.

REGISTRATION PROCEDURE

All information concerning registration in HUMA W1123 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.

COURSES OF INSTRUCTION

HUMA W1123 Masterpieces of Western Music.. 3 points.

Analysis and discussion of representative works from the Middle Ages to the present.

Fall 2014: HUMA W1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/24164	M W 8:40am - 9:55am 404 Dodge Building	Maja Cerar	3	23/24
HUMA 1123	002/75459	M W 8:40am - 9:55am 405 Dodge Building	Rodolfo Toledo	3	24/24
HUMA 1123	003/60009	M W 8:40am - 9:55am 622 Dodge Building	Mark DeBellis	3	19/24
HUMA 1123	004/77192	M W 8:40am - 9:55am 620 Dodge Building	David Adamcyk	3	21/24
HUMA 1123	005/15405	M W 8:40am - 9:55am 716 Hamilton Hall	Ruth Longobardi	3	24/24
HUMA 1123	006/27777	M W 10:10am - 11:25am 404 Dodge Building	Paula Harper	3	24/24
HUMA 1123	007/27552	M W 10:10am - 11:25am 405 Dodge Building	Rebecca Kim	3	22/24
HUMA 1123	008/25434	M W 10:10am - 11:25am 622 Dodge Building	Martha Newland	3	25/24
HUMA 1123	009/11759	M W 10:10am - 11:25am 716 Hamilton Hall	Amanda Scherbenske	3	23/24
HUMA 1123	010/16623	M W 1:10pm - 2:25pm 404 Dodge Building	Sophia Di Castri	3	22/24
HUMA 1123	011/74836	M W 1:10pm - 2:25pm 716 Hamilton Hall	Laura Weber	3	23/24
HUMA 1123	012/21141	M W 4:10pm - 5:25pm 404 Dodge Building	Joshua Mailman	3	17/24
HUMA 1123	013/72049	M W 4:10pm - 5:25pm 405 Dodge Building	Edgardo Salinas	3	23/24
HUMA 1123	014/68118	M W 4:10pm - 5:25pm 716 Hamilton Hall	Ryan Pratt	3	24/24
HUMA 1123	015/67222	M W 6:10pm - 7:25pm 404 Dodge Building	James Steichen	3	23/24
HUMA 1123	016/65492	M W 6:10pm - 7:25pm 405 Dodge Building	Marilyn McCoy	3	23/24
HUMA 1123	017/23185	M W 6:10pm - 7:25pm 716 Hamilton Hall	Christopher Buchenholz	3	24/24
HUMA 1123	018/75567	T Th 8:40am - 9:55am 404 Dodge Building	Mahir Cetiz	3	25/24
HUMA 1123	019/74818	T Th 8:40am - 9:55am 405 Dodge Building	Lucie Vagnerova	3	24/24
HUMA 1123	020/66400	T Th 8:40am - 9:55am 622 Dodge Building	Ashley Nail	3	22/24
HUMA 1123	021/27875	T Th 8:40am - 9:55am 716 Hamilton Hall	Andrew Kaye	3	23/24
HUMA 1123	022/68705	T Th 10:10am - 11:25am 404 Dodge Building	Mario Diaz de Leon	3	23/24
HUMA 1123	023/70315	T Th 10:10am - 11:25am 405 Dodge Building	Magdalena Baczevska	3	25/24
HUMA 1123	024/20477	T Th 10:10am - 11:25am 622 Dodge Building	Ashley Nail	3	24/24
HUMA 1123	025/28906	T Th 10:10am - 11:25am 716 Hamilton Hall	Yoshiaki Onishi	3	24/24
HUMA 1123	026/14083	T Th 1:10pm - 2:25pm 405 Dodge Building	Ramin Amir Arjomand	3	23/24

HUMA 1123	027/70913	T Th 1:10pm - 2:25pm 622 Dodge Building	Ashley Fure	3	23/24
HUMA 1123	028/16774	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Mary Robb	3	23/24
HUMA 1123	029/77598	T Th 4:10pm - 5:25pm 404 Dodge Building	Bryan Parkhurst	3	25/24
HUMA 1123	030/21841	T Th 4:10pm - 5:25pm 405 Dodge Building	Mariusz Kozak	3	23/24
HUMA 1123	031/12964	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Joshua Navon	3	24/24
HUMA 1123	032/73693	T Th 6:10pm - 7:25pm 404 Dodge Building	Michael Agnew	3	23/24
HUMA 1123	033/25358	T Th 6:10pm - 7:25pm 716 Hamilton Hall	Ralph Whyte	3	19/24
HUMA 1123	034/26751	M W 2:40pm - 3:55pm 404 Dodge Building	Martha Newland	3	24/24
HUMA 1123	035/27702	T Th 11:40am - 12:55pm 404 Dodge Building	Milan Mincek	3	24/24
HUMA 1123	036/28458	T Th 6:10pm - 7:25pm 622 Dodge Building	Stephen Lehman	3	21/24

Spring 2015: HUMA W1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/12458	M W 8:40am - 9:55am 404 Dodge Building	Maja Cerar	3	21/24
HUMA 1123	002/19909	M W 8:40am - 9:55am 405 Dodge Building	Ashley Nail	3	25/24
HUMA 1123	003/11163	M W 8:40am - 9:55am 622 Dodge Building	Deborah Bradley-Kramer	3	25/24
HUMA 1123	004/72879	M W 8:40am - 9:55am 620 Dodge Building	David Adamcyk	3	21/24
HUMA 1123	005/27287	M W 8:40am - 9:55am 716 Hamilton Hall	Paula Harper	3	25/24
HUMA 1123	006/26194	M W 10:10am - 11:25am 404 Dodge Building	Joshua Navon	3	24/24
HUMA 1123	007/72481	M W 10:10am - 11:25am 405 Dodge Building	Ashley Nail	3	25/24
HUMA 1123	008/17270	M W 10:10am - 11:25am 622 Dodge Building	Walter Frisch	3	22/24
HUMA 1123	009/68112	M W 10:10am - 11:25am 716 Hamilton Hall	Ashkan Behzadi	3	22/24
HUMA 1123	010/26680	M W 1:10pm - 2:25pm 404 Dodge Building	Bryan Parkhurst	3	24/24
HUMA 1123	011/70688	M W 1:10pm - 2:25pm 716 Hamilton Hall	Tina Fruehauf	3	24/24
HUMA 1123	012/76861	M W 4:10pm - 5:25pm 404 Dodge Building	Edgardo Salinas	3	24/24
HUMA 1123	013/16756	M W 4:10pm - 5:25pm 405 Dodge Building	Yoshiaki Onishi	3	25/24
HUMA 1123	014/12183	M W 4:10pm - 5:25pm 716 Hamilton Hall	Joshua Mailman	3	21/24
HUMA 1123	015/70964	M W 6:10pm - 7:25pm 404 Dodge Building	Rodolfo Toledo	3	25/24
HUMA 1123	016/29328	M W 6:10pm - 7:25pm 405 Dodge Building	Ryan Pratt	3	22/24
HUMA 1123	017/76488	M W 6:10pm - 7:25pm 716 Hamilton Hall	Lucie Vagnerova	3	24/24
HUMA 1123	018/22951	T Th 8:40am - 9:55am 404 Dodge Building	Ralph Whyte	3	22/24

HUMA 1123	019/72983 T Th 8:40am - 9:55am	405 Dodge Building	Mark DeBellis	3	19/24
HUMA 1123	020/16705 T Th 8:40am - 9:55am	622 Dodge Building	Mahir Cetiz	3	23/24
HUMA 1123	021/70076 T Th 8:40am - 9:55am	716 Hamilton Hall	Ruth Longobardi	3	18/24
HUMA 1123	022/29382 T Th 10:10am - 11:25am	404 Dodge Building	Milan Mincek	3	24/24
HUMA 1123	023/12877 T Th 10:10am - 11:25am	405 Dodge Building	Martha Newland	3	24/24
HUMA 1123	024/60471 T Th 10:10am - 11:25am	622 Dodge Building	Julia Doe	3	24/24
HUMA 1123	025/60983 T Th 10:10am - 11:25am	716 Hamilton Hall	Mario Diaz de Leon	3	23/24
HUMA 1123	026/65133 T Th 1:10pm - 2:25pm	405 Dodge Building	Martha Newland	3	24/24
HUMA 1123	027/75857 T Th 1:10pm - 2:25pm	622 Dodge Building	Magdalena Baczevska	3	22/24
HUMA 1123	028/64729 T Th 1:10pm - 2:25pm	716 Hamilton Hall	Bradford Garton	3	25/24
HUMA 1123	029/29602 T Th 4:10pm - 5:25pm	404 Dodge Building	John McWhorter	3	24/24
HUMA 1123	030/70915 T Th 4:10pm - 5:25pm	405 Dodge Building	Michael Thaddeus	3	23/24
HUMA 1123	031/18944 T Th 4:10pm - 5:25pm	716 Hamilton Hall	Mary Robb	3	24/24
HUMA 1123	032/11774 T Th 6:10pm - 7:25pm	404 Dodge Building	Ramin Amir Arjomand	3	19/24
HUMA 1123	033/63930 T Th 6:10pm - 7:25pm	716 Hamilton Hall	Cesar Colon-Montijo	3	24/24

FRONTIERS OF SCIENCE

Chair of Frontiers of Science (fall): Prof. Nicholas Christie-Blick, 215 Seismology, Lamont-Doherty Earth Observatory; 845-365-8180

Chair of Frontiers of Science (spring): Lecturer Ivana Nikolic Hughes, 344 Havemeyer Hall; 212-854-2202

Frontiers of Science Website (<http://www.college.columbia.edu/core/classes/fos.php>)

SCNC C1000 Frontiers of Science and SCNC C1100 Frontiers of Science: Discussion 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 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 C1000 Frontiers of Science* is included in the registration materials sent to students. All first-year students are preregistered in *Frontiers of Science* (one half of the alphabet in each semester). 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 their following courses during their first-year in the College:

1. Literature Humanities
2. A mathematics course
3. A language course at the elementary II level or above
4. One of the following science major sequences:

CHEM Intensive Organic Chemistry I (Lecture)
C3045 and Intensive Organic Chemistry II
- CHEM (Lecture)
W3046

PHYS Physics, I: Mechanics and Relativity
C1601 and Physics, II: Thermodynamics,
- PHYS Electricity, and Magnetism
C1602

PHYS Accelerated Physics, I and II
C2801 and Accelerated Physics, I and II
- PHYS
C2802

Students wishing to petition should do so in 208 Hamilton Hall.

COURSES OF INSTRUCTION

SCNC C1000 Frontiers of Science. 4 points.

CC/GS: Partial Fulfillment of Science Requirement, Discussion Section Required

Corequisites: SCNC C1100

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.

Fall 2014: SCNC C1000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SCNC 1000	001/72346	M 11:00am - 12:30pm 147 Horace Mann Bldg	Nicholas Christie-Blick	4	555/570

Spring 2015: SCNC C1000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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SCNC 001/19692 M 11:00am - 12:30pm Ivana 4 566/570
1000 147 Horace Mann Bldg Hughes

SCNC C1000 Frontiers of Science (4 points). Taught by members of the natural science departments and Columbia post-doctoral science fellows. Corequisite: *SCNC C1100 Frontiers of Science: Discussion*. 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 evolution of human language, brain dynamics, global climate change, the nanoworld, and biodiversity, among others.

UNIVERSITY WRITING

Director of the Undergraduate Writing Program: Dr. Nicole B. Wallack, 310 Philosophy; 212-854-3886

Undergraduate Writing Program Office: 310 Philosophy; 212-854-3886; uwp@columbia.edu

Undergraduate Writing Website (<http://www.college.columbia.edu/core/uwp>)

ENGL C1010 University Writing is designed to help undergraduates read and write essays in order to participate in the academic conversations that form Columbia's intellectual community. The course gives special attention to the practices of close reading, rhetorical analysis, research, collaboration, and substantive revision. By writing multiple drafts of essays typically ranging from three to ten pages, students will learn that writing is a process of forming and refining their ideas and their prose. Rather than approaching writing as an innate talent, the course teaches writing as a unique skill that can be practiced and developed.

COURSES OF INSTRUCTION

ENGL C1010 University Writing (3 points) is taught in both general and theme-specific sections under the following course numbers:

ENGL C1010	University Writing
ENGL C1011	University Writing: Readings in American Studies
ENGL C1012	University Writing: Readings in Gender and Sexuality
ENGL C1013	University Writing: Readings in Sustainable Development
ENGL C1014	University Writing: Readings in Human Rights
ENGL C1015	University Writing: Readings in Data Sciences and Engineering
ENGL C1020	University Writing: for International Students

WRITING CENTER

The Undergraduate Writing Program sponsors The Writing Center (<http://www.college.columbia.edu/core/uwp/writing-center>) in 310 Philosophy Hall, which offers individual writing instruction and consultations to students enrolled in Columbia University courses. Students may visit the center at any stage in the writing process. The Writing Center's consultants are advanced graduate students who have had significant training and experience teaching writing at Columbia. Students may walk in during open hours or sign up for appointments.

FOREIGN LANGUAGE REQUIREMENT

The Foreign Language Requirement Website (<http://www.college.columbia.edu/core/classes/fl.php>)

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; and
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 1202 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
- **Catalan**
Latin American and Iberian Cultures
- **Chinese**
East Asian Languages and Cultures
- **Czech**
Slavic Languages
- **Dutch**
Germanic Languages
- **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**
Language Resource Center
- **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
- **Serbo-Croatian**
Slavic Languages
- **Spanish**
Latin American and Iberian Cultures
- **Swahili**
Middle Eastern, South Asian, and African Studies
- **Swedish**
Germanic Languages
- **Tagalog**
Language Resource Center
- **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**

Middle Eastern, South Asian, and African Studies

GLOBAL CORE REQUIREMENT

Chair of the Global Core Requirement: Professor Patricia Grieve, 302 Casa Hispanica; 212-854-4338

Global Core Requirement Website (<http://www.college.columbia.edu/core/classes/gc>)

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. Global Core courses fall into two categories: those that focus on a specific culture or civilization, tracing its existence across a significant span of time; and those that address a common theme or set of analytic questions comparatively (and may include Europe and the West).

Students must complete two courses from the approved list of Global Core courses for a letter grade.

Students who wish to request an exception to these policies must petition the Committee on the Global Core (<http://www.college.columbia.edu/academics/petitions>) prior to their final term at the College. Students must first speak with their advising dean in the Center for Student Advising in order to complete the petition process.

SPRING 2015 APPROVED COURSES

Anthropology

ANTH V1008 The Rise of Civilization

ANTH V1130 Africa and the Anthropologist

ANTH V3300 Pre-Columbian Histories of Native America

ANTH V3465 Women and Gender Politics in the Muslim World

Art History and Archaeology

AHIS W3208 The Arts of Africa

AHUM V3342 Masterpieces of Indian Art and Architecture

AHIS G4085 Andean Art and Architecture

Center for the Core Curriculum

AFCV C1020 African Civilizations

LACV C1020 Primary Texts of Latin American Civilization

Center for the Study of Ethnicity and Race

CSER W1010 Introduction to Comparative Ethnic Studies

CSER W3961 Wealth and Poverty in America (Effective beginning Fall 2013)

Classics

CLCV W3111 Plato and Confucius: Comparative Ancient Philosophies (Effective beginning Spring 2015)

Colloquia and Interdepartmental Seminars

INSM W3921 Nobility and Civility II

INSM W3950 Friendship in Asian and Western Civilization

Comparative Literature and Society

CPLS W3333 East/West Frametale Narratives

CLGM V3920 The World Responds to the Greeks: Greece Faces East

East Asian Languages and Cultures

ASCE V2002 Introduction to Major Topics in Asian Civilizations: East Asia

ASCE V2359 Introduction to East Asian Civilizations: China

ASCE V2361 Introduction to East Asian Civilization: Japan

AHUM V3400 Colloquium on Major Texts: East Asia

AHUM V3830 Colloquium On Modern East Asian Texts

EAAS W4160 Cultures of Colonial Korea (Effective beginning Spring 2014; formerly EAAS G4160)

EAAS W4227 East Asia and the Rise of a Global Middle Class (Effective for one term only: Spring 2015)

EARL W4310 Life-Writing in Tibetan Buddhist Literature (Effective beginning Spring 2015)

HSEA W4870 Japan Before 1600 (Effective beginning Spring 2015)

English and Comparative Literature

ENGL W4650 Novels of Immigration, Relocation, Diaspora (Effective beginning Spring 2015; formerly ENGL W3510)

History

HIST W1004 Ancient History of Egypt (Effective beginning Spring 2015)

HIST W3661 Latin American Civilization II

HIST W3811 South Asia II: Empire and Its Aftermath

HSEA W3898 The Mongols In History

HIST W4678 Indigenous Worlds in Early Latin America
(Effective beginning Spring 2015)

HIST W4779 Africa and France

Latin American and Iberian Cultures

SPAN W3349 Hispanic Cultures I: Islamic Spain through
the Colonial Period

SPAN W3350 Hispanic Cultures II: Enlightenment to the
Present

PORT W3350 Lusophone Africa and Afro Brazilian
Culture

Middle Eastern, South Asian, and African Studies

ASCM V2008 Contemporary Islamic Civilization

MDES W2041 Introduction to Indian Philosophy
(Effective beginning Spring 2015)

MDES W2650 Gandhi and His Interlocutors (Effective
beginning Spring 2015)

MDES W3130 East Africa and the Swahili Coast in an
Interconnected World (Effective beginning
Spring 2015)

AHUM V3399 Major Texts: Middle East/India

CLME W3928 Arabic Prison Writing (Effective beginning
Fall 2014)

Music

AHMM V3320 Introduction To the Musics of East Asia
and Southeast Asia

Religion

RELI V2205 Hinduism

RELI V2405 Chinese Religious Traditions

RELI V3411 Tantra in South Asia, East Asia, and the
West (Effective beginning Spring 2015)

Slavic Languages

CLRS W4022 Russia and Asia: Orientalism, Eurasianism,
Internationalism (Effective beginning
Spring 2015)

FALL 2014 APPROVED COURSES

African American Studies

AFAS C1001 Introduction to African-American Studies

Anthropology

ANTH V3821 Native America (formerly V3090)

ANTH V3933 Arabia Imagined

Art History and Archaeology

AHIS V3201 Arts of China

AHUM V3340 Art In China, Japan, and Korea

AHUM V3342 Masterpieces of Indian Art and
Architecture

AHIS W3898 Yoruba and the Diaspora (Effective
beginning Fall 2014)

Center for the Core Curriculum

AFCV C1020 African Civilizations

LACV C1020 Primary Texts of Latin American
Civilization

Center for the Study of Ethnicity and Race

CSER W3922 Asian American Cinema

CSER W3926 Latin Music and Identity

CSER W3928 Colonization/Decolonization

Colloquia and Interdepartmental Seminars

INSM W3920 Nobility and Civility

Comparative Literature and Society

CPLS W4100 Andalusian Symbiosis: Islam and the West
(Effective beginning Fall 2014)

East Asian Languages and Cultures

ASCE V2002 Introduction to Major Topics in Asian
Civilizations: East Asia

ASCE V2359 Introduction to East Asian Civilizations:
China

ASCE V2361 Introduction to East Asian Civilization:
Japan

ASCE V2363 Introduction to East Asian Civilizations:
Korea

ASCE V2365 Introduction to East Asian Civilizations:
Tibet

EAAS V3350 Japanese Fiction and Film (Effective
beginning Fall 2014)

AHUM V3400 Colloquium on Major Texts: East Asia

Economics

ECON W4325 Economic Organization and Development
of Japan

History

HIST W3618 The Modern Caribbean

HIST W3657 Medieval Jewish Cultures

HIST W3660 Latin American Civilization I

HIST W3719 History of the Modern Middle East

HIST W3772 West African History

HSME W3810 History of South Asia I: al-Hind to
Hindustan

HIST W3902 History of the World to 1450 CE
(Effective beginning Fall 2014)

HIST W4601 Jews in the Later Roman Empire, 300-600
CE (Effective beginning Fall 2014)

Latin American and Iberian Cultures

SPAN W3349 Hispanic Cultures I: Islamic Spain through
the Colonial Period

SPAN W3350 Hispanic Cultures II: Enlightenment to the
Present

Middle Eastern, South Asian, and African Studies

ASCM V2003 Introduction to Islamic Civilization

MDES W2030 Major Debates in the Study of Africa (Effective beginning Spring 2014; formerly ANTH V2010)

MDES W3000 Theory and Culture

AHUM V3399 Major Texts: Middle East/India

MDES W3445 Societies & Cultures Across the Indian Ocean

CLME W3928 Arabic Prison Writing (Effective beginning Fall 2014)

Music

MUSI V2430 Listening and Sound in Cross-Cultural Perspective (Effective beginning Fall 2014; formerly MUSI W4430)

AHMM V3321 Introduction To the Musics of India and West Asia

Religion

RELI V2008 Buddhism: East Asian

RELI V2305 Islam

Slavic Languages

SLCL W3001 Slavic Cultures

Sociology

SOCI W3324 Global Urbanism

Theatre

THTR V3000 Theatre Traditions in a Global Context (Effective beginning Fall 2014)

ALL APPROVED COURSES

Not all courses are taught each academic year. Below is the full list of all courses approved for the Global Core Requirement, regardless of semester offered. Last updated on December 11, 2014.

African-American Studies

AFAS C1001 Introduction to African-American Studies

Anthropology

ANTH V1008 The Rise of Civilization

ANTH V1130 Africa and the Anthropologist

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 V2035 Introduction to the Anthropology of South Asia

ANTH V2100 Muslim Societies

ANTH V3300 Pre-Columbian Histories of Native America

ANTH V3465 Women and Gender Politics in the Muslim World

ANTH V3525 Introduction to South Asian History and Culture

ANTH V3821 Native America (formerly V3090)

ANTH V3892 Contemporary Central Asia (formerly ANTH V2029)

ANTH V3933 Arabia Imagined

ANTH V3947 Text, Magic, Performance

ANHS W4001 The Ancient Empires

ANTH G4065 Archaeology of Idols

Art History and Archaeology

AHIS V3201 Arts of China

AHIS W3208 The Arts of Africa

AHUM V3340 Art In China, Japan, and Korea

AHUM V3342 Masterpieces of Indian Art and Architecture

AHIS W3898 Yoruba and the Diaspora (Effective beginning Fall 2014)

AHIS G4085 Andean Art and Architecture

Center for the Core Curriculum

AFCV C1020 African Civilizations

LACV C1020 Primary Texts of Latin American Civilization

Center for the Study of Ethnicity and Race

CSER W1010 Introduction to Comparative Ethnic Studies

CSER W1600 Latino/a History

CSER W1601 Introduction to Latino/a Studies

CSER W3510 Immigration, Relocation, and Diaspora

CSER W3922 Asian American Cinema

CSER W3926 Latin Music and Identity

CSER W3928 Colonization/Decolonization

CSER W3961 Wealth and Poverty in America (Effective beginning Fall 2013)

Classics

CLCV W3111 Plato and Confucius: Comparative Ancient Philosophies (Effective beginning Spring 2015)

Colloquia and Interdepartmental Seminars

INSM W3920 Nobility and Civility

INSM W3921 Nobility and Civility II

INSM C3940 Science Across Cultures

INSM W3950 Friendship in Asian and Western Civilization

Comparative Literature and Society

CPLS W3333 East/West Frametale Narratives

CPLS W3454 Blood/Lust: Staging the Early Modern Mediterranean

CLGM V3920	The World Responds to the Greeks: Greece Faces East
CPLS W3945	Transnational Memory Politics and the Culture of Human Rights (Effective beginning Spring 2014)
CPLS W3955	The West in Global Thought
CPLS W3956	Postcolonial Narrative and the Limits of the Human
CPLS W4100	Andalusian Symbiosis: Islam and the West (Effective beginning Fall 2014)

East Asian Languages and Cultures

ASCE V2002	Introduction to Major Topics in Asian Civilizations: East Asia
ASCE V2359	Introduction to East Asian Civilizations: China
ASCE V2361	Introduction to East Asian Civilization: Japan
ASCE V2363	Introduction to East Asian Civilizations: Korea
ASCE V2365	Introduction to East Asian Civilizations: Tibet
EAAS V3350	Japanese Fiction and Film (Effective beginning Fall 2014)
AHUM V3400	Colloquium on Major Texts: East Asia
AHUM V3830	Colloquium On Modern East Asian Texts
EAAS V3927	China in the Modern World
EAAS W4160	Cultures of Colonial Korea (Effective beginning Spring 2014; formerly EAAS G4160)
EAAS W4227	East Asia and the Rise of a Global Middle Class (Effective for one term only: Spring 2015)
EARL W4310	Life-Writing in Tibetan Buddhist Literature (Effective beginning Spring 2015)
HSEA W4866	Competing Nationalisms in East Asia: Representing Chinese and Tibetan Relations in History (Effective beginning Fall 2015)
HSEA W4870	Japan Before 1600 (Effective beginning Spring 2015)

Economics

ECON W4325	Economic Organization and Development of Japan
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English and Comparative Literature

CLEN W4200	Caribbean Diaspora Literature
ENGL W4650	Novels of Immigration, Relocation, Diaspora (Effective Spring 2015; formerly ENGL W3510)

History

HIST W1004	Ancient History of Egypt (Effective beginning Spring 2015)
HIST W3618	The Modern Caribbean
HIST W3657	Medieval Jewish Cultures
HIST W3660	Latin American Civilization I
HIST W3661	Latin American Civilization II
HIST W3665	Economic History of Latin America
HIST W3701	Ottoman Empire (Effective beginning Fall 2013)
HIST W3719	History of the Modern Middle East
HIST W3764	History of East Africa: Early Time to the Present (Effective beginning Spring 2014)
HIST W3772	West African History
HIST W3800	Gandhi's India
HIST W3803	The Worlds of Mughal India (Effective beginning Spring 2014)
HSME W3810	History of South Asia I: al-Hind to Hindustan
HIST W3811	South Asia II: Empire and Its Aftermath
HSEA W3898	The Mongols In History
HIST W3902	History of the World to 1450 CE (Effective beginning Fall 2014)
HIST W3903	History of the World from 1450 CE to the Present (Effective beginning Fall 2013)
HIST W3943	Cultures of Empire
HIST W4103	Empires and Cultures of the Early Modern Atlantic World (Effective only for Spring 2014)
HIST W4404	Native American History
HIST W4601	Jews in the Later Roman Empire, 300-600 CE (Effective beginning Fall 2014)
HIST W4678	Indigenous Worlds in Early Latin America (Effective beginning Spring 2015)
HIST W4779	Africa and France

Latin American and Iberian Cultures

SPAN W3349	Hispanic Cultures I: Islamic Spain through the Colonial Period
SPAN W3350	Hispanic Cultures II: Enlightenment to the Present
PORT W3350	Lusophone Africa and Afro Brazilian Culture
SPAN W3490	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]

Middle Eastern, South Asian, and African Studies

ASCM V2001	Introduction to Major Topics in the Civilizations of the Middle East and India
ASCM V2003	Introduction to Islamic Civilization
ASCM V2008	Contemporary Islamic Civilization

MDES W2030 Major Debates in the Study of Africa (Effective beginning Spring 2014; formerly ANTH V2010)

MDES W2041 Introduction to Indian Philosophy (Effective beginning Spring 2015)

ASCM V2357 Introduction to the Civilization of India

MDES W2650 Gandhi and His Interlocutors (Effective beginning Spring 2015)

MDES W3000 Theory and Culture

CLME W3032 Colonialism: Film, Fiction, History & Theory

MDES W3130 East Africa and the Swahili Coast in an Interconnected World (Effective beginning Spring 2015)

AHUM V3399 Major Texts: Middle East/India

MDES W3445 Societies & Cultures Across the Indian Ocean (Effective beginning Fall 2013)

CLME W3928 Arabic Prison Writing (Effective beginning Fall 2014)

CLME W4031 Cinema and Society In Asia and Africa

MDES G4052 Locating Africa in the Early 20th Century World

CLME G4261 Popular Islam: Asia and Africa

MDES G4326 The Armenian Genocide and the Holocaust: Memory and Representation

Music

MUSI V2020 Salsa, Soca, and Reggae: Popular Musics of the Caribbean

MUSI V2430 Listening and Sound in Cross-Cultural Perspective (Effective beginning Fall 2014; formerly MUSI W4430)

AHMM V3320 Introduction To the Musics of East Asia and Southeast Asia

AHMM V3321 Introduction To the Musics of India and West Asia

Religion

RELI V2008 Buddhism: East Asian

RELI V2205 Hinduism

RELI V2305 Islam

RELI V2405 Chinese Religious Traditions

RELI V2645 Religion in Black America: An Introduction

RELI V3411 Tantra in South Asia, East Asia, and the West (Effective beginning Spring 2015)

Slavic Languages

SLCL W3001 Slavic Cultures

CLRS W4022 Russia and Asia: Orientalism, Eurasianism, Internationalism (Effective beginning Spring 2015)

CLRS W4190 Race, Ethnicity, and Narrative, in the Russian/Soviet Empire

Sociology

SOCI W3324 Global Urbanism

Theatre

THTR V3000 Theatre Traditions in a Global Context (Effective beginning Fall 2014)

SCIENCE REQUIREMENT

General Information: Office of Academic Affairs, 208 Hamilton; 212-854-2441

Science Requirement Website (<http://www.college.columbia.edu/core/classes/science.php>)

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.

Students normally take *SCNC C1000 Frontiers of Science* in their first-year in the term in which they are not taking *ENGL C1010 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 (<http://www.college.columbia.edu/academics/petitions>) (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 who wish to have a course not included on the lists below count toward fulfilling the science requirement must petition the Committee on Science Instruction (202 Hamilton) **prior** to registration for the term in which they intend to take the course.

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]

ASTR C1234 The Universal Timekeeper: an Introduction To Scientific Habits of Mind

ASTR C1235 The Universal Timekeeper: an Introduction To Scientific Habits of Mind

ASTR W1403 Earth, Moon and Planets (Lecture) (previously offered as ASTR C1403)

ASTR W1404 Stars, Galaxies and Cosmology (Lecture) (previously offered as ASTR C1404)

ASTR C1420 Galaxies and Cosmology.

ASTR W1453 Another Earth (previously offered as ASTR C1453)

ASTR C1610 Theories of the Universe: From Babylon to the Big Bang

ASTR BC1753 Life in the Universe

ASTR BC1754 Stars, Galaxies and Cosmology

ASTR C1836 Stars and atoms

Recommended Sequences:

ASTR C1234 The Universal Timekeeper: an
- ASTR Introduction To Scientific Habits of Mind
C1235 and The Universal Timekeeper: an
Introduction To Scientific Habits of Mind

ASTR W1403 Earth, Moon and Planets (Lecture)
- ASTR and Stars, Galaxies and Cosmology
W1404 (Lecture)

ASTR W1403 Earth, Moon and Planets (Lecture)
- ASTR and Galaxies and Cosmology.
C1420

ASTR W1403 Earth, Moon and Planets (Lecture)
- ASTR and Stars, Galaxies and Cosmology
BC1754

ASTR W1403 Earth, Moon and Planets (Lecture)
- ASTR and Stars and atoms
C1836

ASTR Life in the Universe
BC1753 and Stars, Galaxies and Cosmology
- ASTR (Lecture)
W1404

ASTR Life in the Universe
BC1753 and Stars, Galaxies and Cosmology
- ASTR
BC1754

Biology [BIOL]

BIOL C1002 Theory and Practice of Science: Biology

BIOL W1015 Molecular Biology and Evolution for Nonscientists (previously offered as BIOL C1015)

BIOL W1130 Genes and Development

Computer Science [COMS]

COMS Introduction to Information Science
W1001

CSEN W1002 Computing in Context

Earth and Environmental Engineering [EAEE]

EAEE E2100 A better planet by design

Earth and Environmental Sciences [EESC]

EESC W1001 Dinosaurs and the History of Life: Lectures and Lab (previously offered as EESC V1001)

EESC V1003 Climate and Society: Case Studies

EESC V1011 Earth: Origin, Evolution, Processes, Future
EESC V1030

EESC V1053 Planet Earth

EESC W1201 Environmental Risks and Disasters (previously offered as EESC V1201)

EESC W1401 Dinosaurs and the History of Life: Lectures (previously offered as EESC V1401)

EESC V1411 Earth: Origin, Evolution, Processes, Future: Lectures

EESC V1600

Ecology, Evolution, and Environmental Biology [EEEB]

EEEB W1001 Biodiversity

EEEB V1010 Human Origins & Evolution

EEEB W1011 Behavioral Biology of the Living Primates
(previously offered as EEEB V1011)

Recommended Sequences:

EEEB W1001 Biodiversity
- EEEB and Conservation Biology (see Additional
W3087 Courses Approved for the Sequence
Requirement)

EEEB V1010 Human Origins & Evolution
- EEEB and Behavioral Biology of the Living
W1011 Primates (previously offered as EEEB
V1011)

Electrical Engineering [ELEN]

ELEN E1101 The digital information age

Mathematics [MATH]

PHIL V3411 Symbolic Logic

PHIL G4424 Modal Logic

Physics [PHYS]

PHYS C1001 Physics for Poets

PHYS C1002 Physics for Poets

PHYS W3018 Weapons of Mass Destruction

Recommended Sequences:

PHYS C1001 Physics for Poets
- PHYS and Physics for Poets
C1002

Psychology [PSYC]

PSYC W1001 The Science of Psychology

PSYC W1010 Mind, Brain and Behavior

Recommended Sequences:

PSYC W1001 The Science of Psychology
- PSYC and Mind, Brain and Behavior
W1010

PSYC W1001 The Science of Psychology (and any PSYC
course numbered 22xx or 24xx. 2600-level
psychology courses may not be used to
fulfill the science requirement.)

Science [SCNC]

SCNC W1800 From the Conservation of Energy to
Energy Conservation

Statistics [STAT]

STAT W1001 Introduction to Statistical Reasoning

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.

Astronomy [ASTR]

Any 3-point course numbered 2000 or higher

Biology [BIOL]

Any 3-point course numbered 2000 or higher

Chemistry [CHEM]

CHEM General Chemistry I (Lecture)
C1403

CHEM General Chemistry II (Lecture) (previously
W1404 offered as CHEM C1404)

CHEM General Chemistry Laboratory (previously
W1500 offered as CHEM C1500)

CHEM Second Semester General Chemistry
C1604 (Intensive)

CHEM Intensive General Chemistry Laboratory
W2507

Any course numbered 3000 or higher

Computer Science [COMS]

COMS Introduction to Computer Science and
W1004 Programming in Java

COMS Introduction to Computer Science and
W1005 Programming in MATLAB

COMS Honors Introduction to Computer Science
W1007

Any 3-point course numbered 3000 or higher

Earth and Environmental Sciences [EESC]

EESC W2100 Earth's Environmental Systems: The
Climate System (previously offered as
EESC V2100)

EESC W2200 Earth's Environmental Systems: The Solid
Earth System (previously offered as EESC
V2200)

EESC W2300 Earth's Environmental Systems: The
Life System (previously offered as EESC
V2300)

EESC W2330 Science for Sustainable Development

Any course numbered 3000 or higher

**Ecology, Evolution, and Environmental Biology
[EEEB]**

EEEB W2001 Environmental Biology I: Elements to
Organisms

EEEB W2002 Environmental Biology II: Organisms to
the Biosphere

EEEB W3087 Conservation Biology

Any course numbered 3000 or higher except W4321 and
W4700 .

Mathematics [MATH]

Any 3-point MATH course numbered 1100 or higher

CSPH G4801 Mathematical Logic I

CSPH G4802 Math Logic II: Incompleteness

Physics [PHYS]

PHYS F1201/ General Physics

V1201/

W1201

PHYS F1202/ General Physics
V1202

PHYS C1401 Introduction To Mechanics and
Thermodynamics

PHYS C1402 Introduction To Electricity, Magnetism,
and Optics

PHYS C1403 Introduction to Classical and Quantum
Waves

PHYS C1601 Physics, I: Mechanics and Relativity

PHYS C1602 Physics, II: Thermodynamics, Electricity,
and Magnetism

Any 3-point course numbered 2000 or higher

Psychology [PSYC]

With prior departmental approval, any 3- or 4-point
course numbered 32xx, 34xx, 42xx, or 44xx

Statistics [STAT]

Any 3-point course except STAT C3997

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. *

* Please check with EICES for details: [http://
eices.columbia.edu/education-training/see-u/](http://eices.columbia.edu/education-training/see-u/)

PHYSICAL EDUCATION REQUIREMENT

General Information: Physical Education Department,
Dodge Physical Fitness Center; 212-854-3439

Physical Education Website ([http://
www.dodgefitnesscenter.com](http://www.dodgefitnesscenter.com))

Successful completion of two Physical Education Activities is
required for the degree. All students are also required to pass
a swimming test or take beginning swimming for one term to
fulfill the swimming requirement. Students may not register
for more than one section of physical education each term.

Students who fulfill the attendance participation requirements
for the course pass the course. **Students who are absent more
than the permissible number of times are given a mark
of W (Withdrawal), unless they file a drop form with the
Department of Physical Education by the official deadline
to drop a course.**

One point of the Physical Education requirement may be
a Barnard Physical Education course or a Barnard Dance
technique course. No more than 4 points of physical
education courses may be counted toward the degree.

A student who intends to participate in an intercollegiate sport
should register for the appropriate section of PHED C1005
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 activity to
complete the attendance requirement. Student athletes are also
responsible for fulfilling the swimming requirement.

For more information, visit the Physical Education
Department website: <http://www.dodgefitnesscenter.com>

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 [http://
www.gocolumbiaions.com](http://www.gocolumbiaions.com).

STUDY ABROAD

Office of Global Programs (<http://www.ogp.columbia.edu>) :
606 Kent Hall; 212-854-2559

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 Office of Global Programs, 606 Kent, as early as possible to discuss their academic goals and to develop a plan for integrating international study into their curriculum.

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 have a minimum GPA of 3.0 and be making progress toward finishing the Core Curriculum. The Core language requirement must be completed and advanced language prerequisites may apply. Study abroad candidates must complete at least one course pertaining to the country or region where they intend to study. A review of each student's academic and disciplinary records is conducted as a 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 American 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.

Students on Columbia-sponsored programs at Reid Hall in Paris, the Berlin Consortium for German Studies, the Kyoto Center for Japanese Studies, the Columbia in Beijing Program at Tsinghua University, the Tropical Biology and Sustainability Program in Kenya, and the Consortium for Advanced Studies in Barcelona receive direct Columbia credit for their courses and the grades earned in their studies are reflected on their transcripts and cumulative GPA. 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.

All students are reminded that the final 30 credits required for the degree must be taken while enrolled in the College for study on this 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 on outside programs. The minimum grade necessary for transfer of credit is C-.

Students must be cleared to study on approved programs by the Office of Global Programs, 606 Kent, by October 15 for the spring semester and by March 15 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.

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 Office of Financial Aid and Educational Financing, 618 Lerner.

SPONSORED PROGRAMS

Columbia College students attending the 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 Office of Global Programs (<http://www.ogp.columbia.edu>) by visiting 606 Kent Hall, calling 212-854-2559, or e-mailing ogp@columbia.edu.

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.

Applicants must have the equivalent of two years of college-level German, although more is recommended.

The member institutions of the Berlin Consortium are Columbia University/Barnard College, Cornell University, the Johns Hopkins University, Princeton University, the University of Chicago, the University of Pennsylvania, in association with Vassar College, and the University of Notre Dame.

For program information, students may consult <http://www.bcgscolumbia.edu> or e-mail berlin@columbia.edu. Students are also advised to consult with the Director of Undergraduate Studies (<http://www.college.columbia.edu/academics/dus>) in the Department of Germanic Languages (<http://www.columbia.edu/cu/german>).

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 language 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 <http://www.kcjs.columbia.edu> and e-mail kyoto@columbia.edu. Students are also advised to consult with the Director of Undergraduate Studies (<http://www.college.columbia.edu/academics/dus>) in the East Asian Languages and Cultures Department (<http://ealac.columbia.edu>).

THE OXFORD/CAMBRIDGE SCHOLARS PROGRAM

Columbia students interested in spending 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 Office of Global Programs (<http://www.ogp.columbia.edu>), 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.

REID HALL IN PARIS, FRANCE

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), University of Paris VII (Denis Diderot), and the École Polytechnique. Opportunities for participating in joint honors seminars and directed research are also available.

The minimum prerequisite for the semester or academic-year program is two years of college-level French, although more is recommended.

For additional information, e-mail reidhall@columbia.edu.

SEMESTER OR ACADEMIC YEAR IN BEIJING

This program is designed for students who demonstrate a high level of both written and spoken Mandarin Chinese and who would like to directly enroll in courses at Tsinghua University. The program offers access to a broad range of courses through the Faculty of Humanities and Social Sciences and other schools where participants take classes with Chinese university students. A local faculty member advises students on their academic program and organizes co-curricular activities. Tsinghua University graduate students are available to tutor students and assist with the transition into the Chinese university system.

Applicants must have the equivalent of three years of college-level Chinese, although more is recommended.

For program information, students may consult <http://www.ogp.columbia.edu> and e-mail beijing@columbia.edu.

TROPICAL BIOLOGY AND SUSTAINABILITY 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.

Applicants must have completed Environmental Biology I and II or the equivalent to be eligible to apply.

THE CONSORTIUM FOR ADVANCED STUDIES IN BARCELONA

The Consortium for Advanced Studies in Barcelona (CASB) offers a full-immersion program designed to accommodate students in any major with advanced Spanish or Catalan skills. Students are immersed in the local university environment and take their courses at one or more of the Consortium's four distinguished partner universities: the Universitat de Barcelona (UB), the Universitat Autònoma de Barcelona (UAB), the Universitat Pompeu Fabra (UPF), and the Universitat Politècnica de Catalunya (UPC). The combined course offerings of the four universities offer students a vast array of opportunities in the humanities, social sciences, physical and natural sciences, and the arts. All students also attend a language and culture pro-seminar course during the first three weeks of the program which provides basic Catalan instruction, Spanish review, an overview of Spanish history and culture as well as a variety of excursions and activities. Comprehensive student services support the academic and social experience. The program runs the full academic year, although a semester option is also available.

Applicants must have the equivalent of five semesters of college-level Spanish or Catalan.

SUMMER STUDY ABROAD

Summer study abroad provides a meaningful complement to the College curriculum and can help students prepare for semester- or year-long overseas programs.

Students who participate in Columbia-sponsored programs earn direct credit for their courses. The Columbia-sponsored summer programs include:

The Arabic Language Program in Amman, Jordan

The Archaeological Fieldwork at Hadrian's Villa Program in Rome

The Chinese Language Program in Beijing

The Business Chinese and Internship Program in Shanghai

The Columbia-Boğaziçi Byzantine Studies and Urban Mapping in Istanbul

The Italian Cultural Studies Program in Venice

The Kyoto Consortium for Japanese Studies Program in Advanced and Classical Japanese

The Middle Eastern and North African Studies Program in Amman and Paris

The Summer Portuguese Program in Rio de Janeiro

The Summer Program in Tokyo: Japanese Film Studies at Waseda University

The programs at Reid Hall (Summer French Studies and Paris Then and Now: Creative Writing in Paris)

Students seeking to study abroad during the summer must be approved by the Office of Global Programs (<http://www.ogp.columbia.edu>) , 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 it 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 Office of Global Programs (<http://www.ogp.columbia.edu>) . Departmental approval is required and the course must satisfy major or concentration requirements.

Students interested in non-credited internships and other experiential learning opportunities abroad should inquire with the Center for Career Education (<http://www.careereducation.columbia.edu/students/undergrad>) (East Campus Building, Lower Level).

INTERNATIONAL 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.

As with other types of study abroad programs, all academic work completed abroad counts towards the Columbia degree, and students may take classes towards the major with the department's approval. Columbia College students pay their usual Columbia tuition and are responsible for non-academic costs abroad.

Currently, Columbia has undergraduate exchanges with the following institutions:

- Bocconi University
- Boğaziçi University
- Hong Kong University of Science and Technology
- Universität der Künste
- University College London
- University of Hong Kong
- Waseda University

Columbia College students attending these programs have the same access to financial aid they would have if they were enrolled in classes in New York. Students who plan to apply should consult with the Office of Global Programs.

For program information, students may consult <http://www.ogp.columbia.edu> , e-mail ogp@columbia.edu , or call 212-854-2559.

SPECIAL PROGRAMS

HEALTH PROFESSIONS

Office of Preprofessional Advising (<http://www.studentaffairs.columbia.edu/preprofessional>) : Center for Student Advising, 403 Lerner Hall; 212-854-6378.

Medical, dental, and other health professional schools prefer that undergraduates complete a four-year program of study toward the bachelor's degree. All health professional schools require prerequisite coursework. This coursework can be completed during the undergraduate years along with the Core Curriculum and the major or concentration.

MAJORS AND CONCENTRATIONS

There is no major preferred by medical school admissions committees. Students are encouraged to major or concentrate 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 their major adviser in planning a program that meets their interests.

PREMEDICAL REQUIREMENTS

It is very important to note that medical schools in the United States and Canada each individually determine their own entrance requirements, including prerequisite coursework or 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 those schools to which they intend to apply.

In addition to medical school course requirements, all medical schools currently require applicants to sit for the MCAT exam (<https://www.aamc.org/students/applying/mcat>). A new format of this exam will be introduced in the spring of 2015, for which the recommended minimum preparation is:

- 1 year of General Chemistry and General Chemistry Lab
- 1 year of Introductory Biology and Biology Lab
- 1 year of Organic Chemistry and Organic Chemistry Lab
- 1 year of General Physics and Physics Lab
- 1 semester of Introductory Psychology

At Columbia, the following courses correspond to the above requirements:

General Chemistry

CHEM C1403	General Chemistry I (Lecture) and
- CHEM C1404	

CHEM W1500	General Chemistry Laboratory
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Or, for students who place into the accelerated track

CHEM C1604	Second Semester General Chemistry (Intensive)
CHEM W2507	Intensive General Chemistry Laboratory

Biology

BIOL C2005	Introductory Biology I: Biochemistry, Genetics & Molecular Biology and Introductory Biology II: Cell Biology, Development & Physiology
BIOL W2501	Contemporary Biology Laboratory (Or other Biology laboratory approved by pre-professional adviser)

Organic Chemistry

Select one of the following options:

Option A

CHEM C3443	Organic Chemistry I (Lecture) and
- CHEM C3444	

CHEM W3543	Organic Chemistry Laboratory ¹
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Option B ²

CHEM C3045	Intensive Organic Chemistry I (Lecture) and
- CHEM C3046	

CHEM W3545	Intensive Organic Chemistry Laboratory
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CHEM W2507	Intensive General Chemistry Laboratory
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Physics

Select one of the following options

Option A

PHYS V1201	General Physics and General Physics
- PHYS V1202	

PHYS W1291	General Physics Laboratory and General Physics Laboratory
- PHYS W1292	

Option B

PHYS C1401	Introduction To Mechanics and Thermodynamics
- PHYS C1402	and Introduction To Electricity, Magnetism, and Optics

Or

PHYS C1601	Physics, I: Mechanics and Relativity and Physics, II: Thermodynamics, Electricity, and Magnetism
- PHYS C1602	

And one of the following laboratories: PHYS C1493, PHYS C1494, PHYS C2699, or PHYS W3081

Option C ³

PHYS C2801 Accelerated Physics, I and II
- PHYS and Accelerated Physics, I and II
C2802

PHYS W3081 Intermediate Laboratory Work

Psychology

PSYC W1001 The Science of Psychology

- ¹ The second term of lab, CHEM W3546 Advanced Organic Chemistry Laboratory, is optional.
- ² This sequence is available only to students who have AP credit in Chemistry, and who achieve a high enough score on the Chemistry Department placement test.
- ³ An option for students with exceptionally strong backgrounds in both Physics and Mathematics, AP in these subjects or the equivalent, and who achieve a high enough score on the placement exam held during New Student Orientation.

While these courses are recommended for MCAT preparation, students should note the following additional information:

- English - most medical schools require a year of English, emphasizing skill acquisition in writing. Columbia College students fulfill this requirement with University Writing (ENGL C1010) and Masterpieces of Western Literature and Philosophy (Literature Humanities) (HUMA C1001-1002).
- 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. Columbia's introductory biology sequence covers many foundational concepts of biochemistry, it is not guaranteed that medical schools will accept this in fulfillment of a biochemistry requirement.
- 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 small 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 and more information can be found here (<https://services.aamc.org/30/msar/home>) .

BARNARD COURSES

While it is preferred that students complete their premedical requirements with Columbia College courses, students may take premedical requirements at Barnard. However, the Columbia Biology and Chemistry Departments may not accept Barnard courses toward the concentration or major. Students should consult their department adviser before registering for a Barnard course.

STUDENTS WITH ADVANCED PLACEMENT

Advanced Placement 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 Advanced Placement credit are strongly advised to take further courses in the field in which they have received such credit.

APPLICATION TO HEALTH PROFESSION PROGRAMS

Students must apply for admission to health profession schools more than one year in advance of the entry date. Students who are interested in going directly on to health profession schools following graduation should complete all prerequisite courses required for the Medical College Admissions Test (MCAT) by the summer following the junior year. It is entirely acceptable for students to take time between undergraduate and health profession school to apply and thus delay application to these schools for one or more years.

Students planning to apply to medical or dental school should be evaluated by the Premedical Advisory Committee prior to application. A Premedical Advisory Committee application is made available each year in December. Please consult with a preprofessional adviser in the Center for Student Advising for more information regarding this process.

VOLUNTEER PROGRAM

Preprofessional Advising maintains an on-line listing of many different clinical volunteer programs across the city. Students may find placements in a variety of different settings including, but not limited to, emergency rooms; intensive care units; research laboratories; outpatient settings; and health clinics. Clinical exploration is viewed by many medical schools as a good test of students' professional motivation and students are strongly encouraged to investigate some of the options available for meeting this expectation before applying to medical school.

DUAL/JOINT DEGREE PROGRAMS ENGINEERING

The Combined Plan (3-2) Program

The Combined Plan (3-2) Program provides students with the opportunity to earn both the B.A. at Columbia College and the B.S. at The Fu Foundation School of Engineering and Applied Science in five years. 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

Calculus I-III at a minimum; Calculus IV is required for some programs

MATH E1210

Chemistry

CHEM C1403 General Chemistry I (Lecture) and
- CHEM C1404

Or

CHEM C1604 Second Semester General Chemistry (Intensive)

Or

CHEM C3045 Intensive Organic Chemistry I (Lecture) and
- CHEM C3046

Laboratory requirement depends on specific program

Physics

One of the following sequences:

PHYS C1401 Introduction To Mechanics and
- PHYS C1402 Thermodynamics and Introduction To Electricity, Magnetism, and Optics

PHYS C1601 Physics, I: Mechanics and Relativity
- PHYS C1602 and Physics, II: Thermodynamics, Electricity, and Magnetism

PHYS C2801 Accelerated Physics, I and II
- PHYS C2802 and Accelerated Physics, I and II

Some programs require a third semester of Physics

Laboratory requirement depends on program

Computer Science

Select one of the following, depending on program

ENGI E1006 Introduction to Computing for Engineers and Applied Scientists

COMS W1004 Introduction to Computer Science and Programming in Java

COMS W1005 Introduction to Computer Science and Programming in MATLAB

Economics

ECON W1105 Principles of Economics

Students must also complete the requirements for a Columbia College concentration or major and any additional pre-curricular requirements for the specific engineering major (see specific requirements on the admissions website). In the fourth and fifth years of study, to be completed at The Fu Foundation School of Engineering and Applied Science, requirements for the major at The Fu Foundation School of Engineering and Applied Science must be completed in consultation with the major adviser there. Students with more than 35 transfer credits are not eligible for the program. Housing and financial aid will be continued. Each fall, the Admissions Office conducts information sessions in which students meet with the Combined Plan Program administrator. For more information, students should contact their advising dean or e-mail: combinedplan@columbia.edu.

The 4-1 Program at Columbia College

The 4-1 Program provides students in The Fu Foundation School of Engineering and Applied Science the opportunity to obtain a B.A. degree from the College with one additional year of study after completion of four years of study and fulfillment of all requirements for the B.S. degree in engineering. 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 program is selective, and admission is based on the following factors: granting of the B.S. at SEAS at the end of the fourth year; the fulfillment of the College Core requirements by the end of the fourth year at SEAS; maintaining a minimum GPA of 3.0 in College Core and other courses; the successful completion of any prerequisites for the College major or concentration; and creating a plan to complete a 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.

THE INTERNATIONAL AFFAIRS FIVE-YEAR PROGRAM

The International Affairs Five-Year Program offers students the opportunity to earn both B.A. and M.I.A. degrees in five years. Students apply to the program during their junior year through the Admissions Office (<https://sipa.columbia.edu/admissions/program-admissions/miampa-admissions>) in the School of International and Public Affairs (SIPA) (<https://sipa.columbia.edu>). Once admitted to the joint program, students complete their senior year at Columbia College, but the bulk of courses taken are graduate-level ones acceptable

to SIPA. Admission to the joint program does not constitute admission to SIPA.

To be eligible for the program, students must have been enrolled in Columbia College for at least four semesters by the end of the junior year, completed a minimum of 93 credits, taken a basic course in economics, achieved competence in a modern foreign language, and completed all College Core requirements and major/concentration requirements, with the exception of 6 to 8 credits. These two courses may be taken during the senior year while completing the 24 points required by SIPA. Three points of SIPA requirements may be taken in the junior year. Summer courses between the junior and senior year may be considered. Students must receive the B.A. with a satisfactory grade point average. Upon formal admission to SIPA after their senior year, students must apply for housing and financial aid. For more information, students may contact their advising dean.

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 Exchange Program

Students can be invited to cross-register for weekly instrumental (classical and jazz), composition, and vocal instruction with the Juilliard faculty, but not participate in Juilliard ensembles or classes, after completing the formal application and successfully auditioning at Juilliard. Annual juries are held at the end of each academic year, which determine eligibility to continue in the program. Applicants to the exchange may be first-year applicants, or current students within Columbia College. Students may participate in the program for up to four years of study and have the option to apply for the joint program in their junior year. Columbia College students interested in this program must submit a Juilliard Application for Admission, including pre-screening materials, by the December 1 deadline.

The Joint BA/MM Program

Students already in the exchange program can participate in the joint program that offers students the opportunity to earn a B.A. from Columbia, and an M.M. from Juilliard in five years (voice candidates may need six years of study to complete the program depending on preparation). It is recommended that students interested in the program complement their exchange instruction with music classes and participation in ensembles at Columbia. However, exchange participants do not have any specific course requirements at Columbia in order to qualify for admission to the M.M. at Juilliard. If admitted, students normally spend two subsequent years (three for voice majors) primarily at Juilliard, while finishing any remaining undergraduate requirements at Columbia College. Students receiving Columbia financial aid are subject

to Juilliard's financial aid policies during their time at Juilliard, and are not eligible for aid from Columbia.

Students who wish to pursue the joint program should consult with the Center for Student Advising to plan accordingly. To apply, Columbia College students must have completed 94 points of course work, including the Core Curriculum requirements and major or concentration requirements for the B.A. within three years, and have participated in the exchange (see above) for at least one year. Exchange participants interested in applying for the program must submit the Juilliard application by the December 1 deadline. The pre-screening (if applicable) is waived. Live auditions are held at The Juilliard School in early March.

ACCELERATED INTERDISCIPLINARY LEGAL EDUCATION PROGRAM

The Accelerated Interdisciplinary Legal Education (AILE) Program annually provides up to one or two College students with outstanding records the opportunity to earn both B.A. and J.D. degrees in six years. Selected students matriculate at the Law School after their junior year, having completed the required 93 points including the College Core requirements and a concentration. Interested students must submit an application in the spring of their junior year to the Office of Pre-Professional Advising (<http://www.studentaffairs.columbia.edu/preprofessional>) in the Center for Student Advising.

The College nominates one or two juniors each year; the final admission determination is made by the Law School Admissions Committee. Transfer students and students with fewer than six semesters of study as Columbia College students on this campus (not abroad) before entering the Law School are not eligible for the program.

Prospective participants in this program must take the Law School Admission Test (LSAT) (<http://www.studentaffairs.columbia.edu/preprofessional/law/applying/lsat.php>) no later than the February administration of the year of intended enrollment. After formal admission to the Law School, the students are withdrawn from the College. In the student's second and third years at the Law School, 12 points of course work taken only at the Graduate School of Arts and Sciences must be completed. The courses must be approved beforehand by the student's preprofessional adviser. AILE candidates are required to apply for the B.A. degree the term before they expect to graduate.

Students should inform their dean of their plans to graduate in order to be considered for honors and Phi Beta Kappa. AILE students receive College and Law School degrees at the same time. Once admitted to the Law School, students interested in financial aid and housing should apply through

the Law School. For more information, students may contact the Office of Pre-Professional Advising, 403 Lerner.

PUBLIC POLICY AND ADMINISTRATION FIVE-YEAR PROGRAM

The Graduate Program in Public Policy and Administration provides students with the opportunity to earn both B.A. and M.P.A. degrees in five years. Students apply to the program during their junior year through the Admissions Office (<https://sipa.columbia.edu/admissions/program-admissions/miampa-admissions>) in the School of International and Public Affairs (SIPA) (<https://sipa.columbia.edu>). Once admitted to the joint program, students complete their senior year at Columbia College, but the bulk of courses taken are graduate-level ones acceptable to SIPA. Admission to the joint program does not constitute admission to SIPA.

To be eligible for the program, students must have been enrolled in Columbia College for at least four semesters by the end of the junior year, completed a minimum of 93 credits, taken a basic course in economics, achieved competence in a modern foreign language, and completed all College Core requirements and major/concentration requirements, with the exception of 6 to 8 credits. These two courses may be taken during the senior year while completing the 24 points required by SIPA. Three points of SIPA requirements may be taken in the junior year. Summer courses between the junior and senior year may be considered. Students must receive the B.A. with a satisfactory grade point average. Upon formal admission to SIPA after their senior year, students must apply for housing and financial aid. For more information, students may contact their advising dean.

EXCHANGE PROGRAMS COLUMBIA-HOWARD/SPELMAN EXCHANGE PROGRAMS

Columbia College, in partnership with Barnard College, offers students the opportunity to participate in domestic exchange programs with prominent historically black colleges/universities—Howard University in Washington, D.C., and Spelman College in Atlanta, Georgia. The program permits Columbia students to spend a semester or academic year at Howard or Spelman. In exchange, it allows Howard and Spelman students to spend a semester or academic year at Columbia.

Program participants pay tuition to Columbia College. However, students studying at Howard pay room and board expenses directly to Howard University, and students studying at Spelman College pay room and board expenses through Barnard College.

Courses taken at Howard and Spelman are treated as transfer credit. Transfer credit may be earned for approved courses in

which students receive a letter grade of C- or higher. However, grades are not calculated into a student's grade point average. Courses taken to satisfy major requirements must be approved by the appropriate academic department.

To be eligible for participation, students should be juniors in good standing in the College and have a cumulative GPA of 2.8 or higher. Students interested in attending Howard should submit applications by the first week of March for the fall semester and by the first week of November for the spring semester. Students interested in attending Spelman during fall or spring semesters should submit applications by the first week of March. Applications and additional information may be obtained from the Center for Student Advising, 403 Lerner; 212-854-6378; csa@columbia.edu.

ACADEMIC HONORS, PRIZES, AND FELLOWSHIPS

HONORS 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, or W (or UW pre-Spring 2014) during the term are not eligible for consideration. Students who receive the grade of INC, **approved in advance** by the Committee on Academic Standing, are eligible for Dean's List only after all INC grades are changed to letter grades.

COLLEGE (LATIN) HONORS

The Bachelor of Arts degree is awarded with honors in three categories (*cum laude*, *magna cum laude*, *summa cum laude*) to no more than 25% of the graduating class, with no more than 5% *summa cum laude*, and the total of *summa* and *magna cum laude* not exceeding 15%. College honors is the highest academic recognition awarded by the College. The Committee on Honors, Awards, and Prizes reviews the academic records of the top 35% of the graduating class. Selection is based not on GPA alone, but on the breadth, depth, and rigor of academic program, high quality of academic achievement, departmental recommendations, and outstanding academic work beyond that which is required for the degree. Students may not apply for honors nor may they solicit faculty for recommendations.

There is no separate consideration of honors for October or February graduates. Each spring the Committee on Honors, Awards, and Prizes considers the October and February graduates along with those who are degree candidates for May. The report of those graduating with honors is in the May Class Day program. The honor is noted on the diploma and transcript. October and February graduates may ask the Registrar to add an honors notation to an already issued diploma.

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.

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 three criteria:

1. 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);
2. A grade point average of at least 3.6 in major courses is expected for a student to be considered for Departmental Honors;
3. An honors thesis or equivalent project of high quality should be required by each department or academic program in order to receive 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 is inducted into Phi Beta Kappa by faculty who are members of the society. Two percent is elected in November and the other eight percent is 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.

PRIZES

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) Awarded annually to a member of the senior class for unselfish service to the College community. Established by Otte Emma Bjorkwall in memory of her brother, Dr. Charles H. Bjorkwall.

EDWARD SUTLIFF BRAINARD MEMORIAL PRIZE

(1920) 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. Established by Miss Phebe Sutliff in memory of her nephew, Edward Brainard Sutliff, Class of 1921.

JAMES CHRISTOPHER CARALEY MEMORIAL PRIZE

(1984) Established in memory of James Christopher Caraley, 1959–1979, Class of 1981, 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.

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

Awarded to an undergraduate fraternity member who has demonstrated leadership, academic achievement, and participation in athletics or other campus activities. Established in honor of Stanley I. Fishel, Class of 1934, 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.

RICHARD H. FOX MEMORIAL PRIZE

(1927) 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. Established by Mr. and Mrs. Leon S. Fox in memory of their son, Richard H. Fox, Class of 1921.

ROBERT SHELLOW GERDY PRIZE

(1969) 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. Established by Mr. and Mrs. Irving Gerdy in memory of their son, Robert Shellow Gerdy, Class of 1939.

ROBERT HARRON AWARD

(1972) Awarded annually to a member of the junior class for qualities of grace and generosity. Established by his friends in memory of Robert Harron.

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) 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. Established by Dr. and Mrs. Henry Milch.

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, Class of 1962. The recipient must occupy a position of responsibility in a nonathletic Columbia College activity.

CHARLES M. ROLKER JR. PRIZE

(1909) 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. Established by Mrs.

C. M. Rolker in memory of her son, Charles M. Rolker Jr., Class of 1907.

VAN AM PRIZE

(1925) 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. Established by the Class of 1898 on the occasion of its twenty-fifth anniversary.

GENERAL ACADEMIC PRIZES

ALBERT ASHER GREEN MEMORIAL PRIZE

(1913) 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. Established by Mr. and Mrs. Asher Green in memory of their son, Albert Asher Green, Class of 1914.

DAVID B. TRUMAN ALUMNI AWARD

(1970) A lion trophy donated annually by the Alumni Association to the Columbia College student who has made the most distinguished contribution to the academic affairs of the College. Established in honor of David B. Truman, former Dean 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

(1943) 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. Established by a committee of the Class of 1943 in memory of Dean Herbert E. Hawkes.

JONATHAN THRONE KOPIT PRIZE IN LOGIC AND RHETORIC

(1997) Established by Mrs. Ina Cohen in memory of her husband, Jonathan Throne Kopit, who was a member of the Class of 1968.

JAMES P. SHENTON PRIZE IN CONTEMPORARY CIVILIZATION

(2004) Awarded annually to the Columbia College undergraduate who is judged by the faculty to have written the best essay in Contemporary Civilization. Established by the Committee on the Core and the Office of the Dean of the College in memory of Professor James P. Shenton, Class of 1949 and GSAS 1955.

PRIZES IN THE HUMANITIES

SENIOR THESIS PRIZE IN ART HISTORY AND ARCHAEOLOGY

(2002) Established as a gift from Philip E. Aarons, CC'73 and Law '76, in recognition of an outstanding senior thesis by a major in the Department of Art History and Archaeology.

CHARLES PATERNO BARRATT-BROWN MEMORIAL PRIZE

(2000) Awarded to a Columbia College senior who is judged by the English Department to have excelled in critical writing in any scholarly field. Established by his parents and his sister in honor of Charles, who graduated from the College in 1983.

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) 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. Established by friends of the late Henry Cuyler Bunner.

DOUGLAS GARDNER CAVERLY PRIZE

(1994) Established in memory of Douglas Gardner Caverly, Class of 1968, 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) Awarded for excellence in sight translation of passages of Greek and Latin. Only candidates for the degree of Bachelor of Arts may compete. Established in memory of

Mortimer Lamson Earle, Class of 1886, lecturer and professor in the Department of Classics.

JOHN VINCENT HICKEY PRIZE

(2004) Awarded annually to the Columbia College undergraduate who is judged by the Department of English and Comparative Literature to have submitted the best essay on Irish, English, or American poetry. Established by Dr. Helene J.F. de Aguilar in honor of her brother.

ADAM LEROY JONES PRIZE IN LOGIC

(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. Established by Mrs. Adam Leroy Jones in memory of her husband, who was Associate Professor of Philosophy and Director of University Admissions, 1909–1934.

HELEN AND HOWARD R. MARRARO PRIZE

(1972) 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. Established in honor of Professor Howard R. Marraro.

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, Columbia College Class of 1953, and Dr. Eva Stadler Brooks, Barnard College Class of 1953, 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 course work and the writing of a senior essay on some aspect of the history or culture of the classical world.

SUSAN HUNTINGTON VERNON PRIZE

(1941) Established by a member of the noted family of Hispanophiles to encourage young women in humanistic pursuits at the college level. Currently offered by the Department of Latin American and Iberian Cultures and the Hispanic Institute of Columbia University to the Columbia College senior who has most demonstrated excellence in the study of Spanish language and Spanish and Latin American literatures and cultures.

PRIZES IN THE SOCIAL SCIENCES

CHARLES A. BEARD PRIZE IN POLITICAL SCIENCE

(1963) Awarded to the student who writes the best paper in political science during the academic year. Established by the Honorable Albert Levitt.

CHARLES A. BEARD PRIZE IN HISTORY

(2003) Established by the History Department for a senior thesis of superior distinction in any historical field and period.

CARL B. BOYER MEMORIAL PRIZE

(1978) 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. Established by Mrs. Carl B. Boyer in memory of her husband.

CHANLER HISTORICAL PRIZE

(1877) 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. Established by the bequest of J. Winthrop Chanler of the Class of 1847.

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) Awarded to a student with sophomore, junior, or senior standing who has demonstrated excellence in modern history. Established by Mrs. Albert Elsberg in memory of her son, Albert Marion Elsberg.

LILY PRIZE IN HISTORY

Awarded by the History Department for academic achievement in the study of history other than that of the United States. Established by Professor James P. Shenton, Columbia College Class of 1949 and GSAS Class of 1955, in honor of his mother.

GARRETT MATTINGLY PRIZE

(2003) Established by the History Department for a senior thesis of superior distinction in any historical field and period.

SANFORD S. PARKER PRIZE

(1980) 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. Funded by the family and friends in memory of Sanford S. Parker, Class of 1937.

ROMINE PRIZE

(1996) Awarded to two undergraduate students who have done exemplary work in the field of economics. Established by John Romine in honor of his brother, David Estabrook Romine.

CAROLINE PHELPS STOKES PRIZE

(1910) 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. Established by the bequest of Caroline Phelps Stokes.

ALAN J. WILLEN MEMORIAL PRIZE

(1968) 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. Established by classmates and friends of Alan J. Willen, Class of 1964, in his memory.

MYRA KRAFT PRIZE FOR EXCEPTIONAL PRACTICAL EXPERIENCE IN HUMAN RIGHTS ADVOCACY

(2013) Established to honor the memory of Myra Kraft, beloved wife of Robert Kraft, Class of 1963 and Trustee Emeritus, this prize is awarded to the rising Columbia College senior majoring in Human Rights who submits the best proposal for a summer or one-term human rights internship.

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, Class of 1963 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

RICHARD BERSOHN PRIZE

(2009) Established by Professor Louis Brus, who was a student of Professor Bersohn, this prize may be awarded to the Columbia College, General Studies, or SEAS student majoring in the chemical sciences who is deemed by the faculty to have demonstrated outstanding achievement as a scholar and as a researcher.

THE BRIDGES AND STURTEVANT PRIZE IN BIOLOGICAL SCIENCES

(2012) Established in honor of Calvin Bridges and Alfred Sturtevant whose pioneering studies as Columbia College undergraduates—using the fruit fly *Drosophila melanogaster* in Thomas Hunt Morgan's laboratory—laid the basis for our understanding of genes and the way they behave. The prize may be awarded annually to a graduating senior whose experimental or computational research is deemed by the faculty to have been both highly original and fruitful.

COMPUTER SCIENCE DEPARTMENT AWARD

Awarded to a degree candidate for scholastic achievements as a computer science major and as acknowledgment of his or her contributions to the Department of Computer Science and to the University as a whole.

THOMAS J. KATZ PRIZE

(2009) Established by friends and colleagues of Professor Katz, this prize may be awarded to the Columbia College, General Studies, or SEAS student majoring in the chemical sciences who is deemed by the faculty to have demonstrated outstanding achievement as a scholar and as a researcher.

ALFRED MORITZ MICHAELIS PRIZE

(1926) 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. Established by Mrs. Jeanette Michaelis in memory of her son, Alfred Moritz Michaelis, Class of 1920.

RUSSELL C. MILLS AWARD

(1992) Established in memory of Russell C. Mills, a Ph.D. candidate in Computer Science who exemplified academic excellence and intellectual curiosity, and presented annually to the senior in Computer Science whose course work and projects stand out as the best in the class.

PROFESSOR VAN AMRINGE MATHEMATICAL PRIZE

(1910) 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. Established by George G. DeWitt, Class of 1867.

JOHN DASH VAN BUREN JR. PRIZE IN MATHEMATICS

(1906) Awarded to the degree candidate who writes the best examination on subjects prescribed by the Department of Mathematics. Established by Mrs. Louise T. Hoyt in memory of her nephew, John Dash Van Buren Jr., Class of 1905.

PRIZES IN THE CREATIVE AND PERFORMING ARTS

ACADEMY OF AMERICAN POETS POETRY PRIZE

(1956) Given by the Academy to the poet who has written the best poem or group of poems submitted during the academic year. Manuscripts should normally be submitted to the Department of English and Comparative Literature before April 1.

SEYMOUR BRICK MEMORIAL PRIZE

(1969) 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. Established by Mrs. Seymour Brick and her son, Richard, in honor of their husband and father, who was a member of the Class of 1934.

KAREN OSNEY BROWNSTEIN WRITING PRIZE

(1991) 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. Established by Neill H. Brownstein, Class of 1966, in memory of Karen Osney Brownstein.

GEORGE WILLIAM CURTIS PRIZE

(1902) Awarded to students in the College for excellence in the public delivery of English orations. Established by the late Samuel Putnam Avery, Class of 1896, an associate of George William Curtis.

ARTHUR E. FORD POETRY PRIZE

(1980) Awarded annually to the senior who submits the best collection of poems. Established by Mrs. Doris Ford in memory of Arthur E. Ford.

PHILOLEXIAN CENTENNIAL WASHINGTON PRIZE

(1902) 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. Gift of J. Ackerman Coles, Class of 1864.

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, Columbia College Class of 1967 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, or film.

VAN RENSSELAER PRIZE

(1926) Given 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. Gift of Maximilian Foster.

GEORGE EDWARD WOODBERRY PRIZE

(1935) Awarded every second year to an undergraduate student in Columbia University for the best original poem. Established by the Woodberry Society of New York.

FELLOWSHIPS

FELLOWSHIPS FOR GRADUATE STUDY

HARRY J. CARMAN FELLOWSHIP

(1949) Awarded to no more than two graduating seniors for advanced study. Established from the gifts of former friends and students of Dean Carman.

JARVIS AND CONSTANCE DOCTOROW FELLOWSHIP

(2005) Awarded to a graduating senior, this fellowship provides a stipend for one year of graduate study at St. Edmund Hall, Oxford. Established by the Jarvis and Constance Doctorow Foundation.

HENRY EVANS TRAVELLING FELLOWSHIP

(1928) Gift of Mrs. Henry Evans in memory of her husband, Henry Evans, Class of 1881. Awarded to a graduating senior, with preference given to the student planning to undertake a research project of a creative nature that requires travel rather than formal graduate study.

HOLTHUSEN-SCHINDLER ENDOWMENT FUND

(2000) Established as a bequest from the estate of Lenore S. Holthusen, the widow of Hen Holthusen, Law 1917, to provide financial support in the form of scholarships to worthy graduates of Columbia College who continue their education at the Law School of Columbia University.

EURETTA J. KELLETT FELLOWSHIPS

(1932) Awarded annually and for two consecutive years to two graduating seniors of the College who have shown exceptional proficiency in the study of the liberal arts, for study at Oxford or Cambridge University. Bequest of Eurette Jane Schlegel.

SPECIAL UNDERGRADUATE FELLOWSHIPS**HERBERT DERESIEWICZ SUMMER RESEARCH FELLOWSHIP**

(2011) Established in memory of Professor Herbert Deresiewicz, a long time SEAS faculty member and department chairman who held a deep and abiding love for undergraduate teaching, the Herbert Deresiewicz Summer Research Fellowship provides support for a Columbia College or SEAS student who is a U.S. citizen or permanent resident, and whose interest in science has been kindled by his or her experiences at Columbia. The recipient, selected by a faculty committee, will engage in full-time laboratory research on the Morningside Heights campus in one of the following Columbia University academic departments: Biological Sciences, Biomedical Engineering, Chemistry, or Chemical Engineering.

SOLOMON AND SEYMOUR FISHER CIVIL LIBERTIES FELLOWSHIP

(1989) Awarded annually to a Columbia College student to work during the summer in the Legal Department of the American Civil Liberties Union National Office in New York City. Gift of Solomon Fisher, Class of 1936, and Seymour Fisher, Class of 1945.

KLUGE FELLOWS SUMMER RESEARCH GRANT

(1988) Grants are awarded competitively to students from underrepresented groups to pursue an independent research project during the summer under the sponsorship of a faculty member. The application process includes a series of seminars and workshops. Endowment gift of John Kluge, Class of 1937.

RICHARD LEWIS KOHN TRAVELLING FELLOWSHIP

(1959) Awarded annually to a well-qualified student to supplement work in the College with study during the junior year in Great Britain, preferably at the University of London. First consideration is given to students majoring or concentrating in political science or economics. Established from gifts of various donors.

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 provides a two-year academic enhancement program funded by the Andrew W. Mellon foundation.

SANFORD S. PARKER PRIZE SUMMER FELLOWSHIPS

(1980) 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. Funded by the family and friends of Sanford S. Parker, Class of 1937.

RICHARD AND BROOKE KAMIN RAPAPORT SUMMER MUSIC PERFORMANCE FELLOWSHIP

(1993) Gift of Richard A. Rapaport, Class of 1969, and Brooke Kamin Rapaport, to create a summer opportunity for continuing Columbia College students who are particularly gifted in musical performance, composition, or conducting.

EDWIN ROBBINS ACADEMIC RESEARCH & PUBLIC SERVICE FELLOWSHIP

(1991) A stipend 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. Established by Edwin Robbins, Class of 1953.

ARTHUR ROSE TEACHING ASSISTANTSHIP

(1958) Awarded to a senior in the College who is to assist the work of a member of faculty in one of the departments that contribute to the courses in Contemporary Civilization and the Humanities. Gift of Mr. and Mrs. Bennett Rose in memory of their son, Arthur Rose.

THE PHYLLIS STEVENS SHARP FELLOWSHIP IN AMERICAN POLITICS

(2005) The Phyllis Stevens Sharp Endowment Fund, established in 2005, provides stipends to Political Science students to support research in American politics or policymaking or otherwise uncompensated internships in a government office, agency or other organization serving the public.

RICHMOND B. WILLIAMS TRAVELLING FELLOWSHIP

(1988) Awarded to a Columbia College junior English major for a summer research project requiring foreign travel. The recipient of the fellowship must register for an independent research course in the fall to write up the results of the summer's work. Bequest of Richmond B. Williams of the Class of 1925.

SPECIAL ENDOWMENTS

CLASS OF 1954 URBAN NEW YORK PROGRAM ENDOWMENT

(1981) The Urban New York Program is sponsored by Barnard College, Columbia College, and The Fu Foundation School of Engineering and Applied Science and has been endowed by the Class of 1954. The program enables student and faculty to jointly experience cultural events in New York City twice during the academic year.

ARNOLD I. KISCH, M.D., AND VICTORIA L. J. DAUBERT, PH.D., ENDOWMENT

(1993) Created for students to experience opera in New York City within the Urban New York Program.

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, graduation, and the conferring of any degree or the granting of any certificate are strictly subject to the disciplinary powers of the University. Although ultimate authority on matters of students discipline is vested in the Trustees of the University, the Dean of Columbia College and his staff are given responsibility for establishing standards of behavior for Columbia College students beyond the regulations included in the Statutes of the University and for defining procedures by which discipline will be administered.

BEHAVIORAL VIOLATIONS

Behavioral violations of University policy include, but are not limited to, the following:

- Knowingly or recklessly endangering the health or safety of others;
- Participating in any activity involving arson, firecrackers, explosives, or firearms;
- Throwing or dropping items out of University buildings;
- Threatening, harassing, or abusing others, whether directly or indirectly, in person or via electronic means;
- Manufacturing, possessing, using, or distributing illegal drugs;
- Intentionally or recklessly destroying, damaging, or stealing property;
- Failing to respond to legitimate requests from University officials;
- Violating any local, state, or federal laws.

ACADEMIC INTEGRITY

Academic integrity defines an intellectual community and its educational mission. As members of such a community, Columbia College students are expected to honor intellectual work and respect its origins. A Columbia College education has two complementary elements: mastery over intellectual

material within a discipline and overall development of moral character and personal ethics.

Engaging in violations 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 Columbia University.

Violations of academic integrity may be intentional or unintentional and can include, but is not limited to:

1. Plagiarism (the use of words, phrases, or ideas belonging to another, without properly citing or acknowledging the source);
2. Self-plagiarism (the submission of one piece of work in more than one course without explicit permission of the instructors involved);
3. Cheating on examinations, tests, or homework assignments;
4. Violating the limits of acceptable collaboration in coursework established by a faculty member or department;
5. Receiving unauthorized assistance on an assignment;
6. Copying computer programs;
7. Obtaining advance knowledge of exams or other assignments without permission;
8. Unauthorized distribution of assignments and exams;
9. Facilitating academic dishonesty by enabling another to engage in such behavior;
10. Lying to an instructor or University officer;
11. Falsification, forgery, or misrepresentation of information in coursework or lab work; on any application, petition, or documents submitted to the College or a University official;
12. Fabrication of credentials in materials submitted to the University for administrative or academic review.

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.

The Office of Judicial Affairs and Community Standards is responsible for all disciplinary affairs concerning undergraduate students that are not reserved to some other body.

Columbia College students are expected to familiarize themselves with the Handbook of Standards and Discipline and the comprehensive list of policies and expectations available on the website of the Office of Judicial Affairs and Community Standards.

COLUMBIA UNIVERSITY POLICIES

Since policies and procedures are subject to change, please check the Columbia University website (www.columbia.edu) 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 University and for the guidance of Columbia students and faculty.

The Bulletin sets forth in general 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 *Essential Policies for the Columbia Community*: www.essential-policies.columbia.edu, which includes information on the following:

- Policy on Access to Student Records under the Federal Family Educational Rights and Privacy Act (FERPA) of 1974, as Amended
- Social Security Number Reporting
- University Regulations/Rules of University Conduct
- Policies on Alcohol and Drugs
- Equal Opportunity and Nondiscrimination Policies
- Gender-Based Misconduct Policies
- Policy on Partisan Political Activity
- Crime Definitions in Accordance with the Federal Bureau of Investigation's Uniform Crime Reporting Program
- Morningside Campus: Required Medical Leave for Students with Eating Disorders
- Voluntary Leave of Absence Policy
- Involuntary Leave of Absence Policy
- Military Leave of Absence Policy
- Essential Resources:
 - Campus Safety and Security
 - Disability Services
 - Ombuds Office
 - Transcripts and Certifications

- Additional Policy Sources for the Columbia Community
- Student E-mail Communication Policy
- CUIT Computer and Network Use Policy
- Consumer Information

GRADUATION

The B.A. degree is awarded three times during the year: in February, May, and October. There is one commencement ceremony in May.

Application or Renewal of Application for the Degree

Students pick up and file applications for their degree at the Center for Student Advising in 403 Lerner Hall. General deadlines for applying for graduation are August 1 for October; November 1 for February; and December 1 for May. (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. Your name will be printed exactly as it appears on your transcript. Check your transcript, and if you find errors, contact the Registrar, 210 Kent, before you file the degree application.

If you wish to change your name, you must submit the Name Change Affidavit located on the back of the degree application form. The affidavit must be notarized and filed by the application deadline.

If your 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 at registrar.columbia.edu/registrar-forms/application-replacement-diploma

For additional information, see the following websites:
www.columbia.edu/cu/registrar/docs/forms/app-for-deg-or-cert.html
registrar.columbia.edu/students/graduation-and-diplomas
www.columbia.edu/cu/ceremonies/commencement/

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.

When a student believes that a faculty member has failed to meet his or her obligations in an instructional setting, the student has two principal sources of immediate assistance: the University's Ombuds Office and the professional staff of the School in which the student is enrolled.

The Ombuds Office is available to help students find solutions to a wide range of problems arising in the context of their association with the university, including those involving faculty misconduct in an instructional setting. Students may wish to consult with the Ombuds Office before taking their concerns to the School, or they may wish to consult with the Ombuds Office at any time in the course of their discussions with School officials or, eventually, with members of the Vice President's Grievance Committee.

Like the Ombuds Office, each of the Schools has a professional staff ready to help students with concerns and complaints of many kinds, including those involving faculty misconduct in an instructional setting. The staff works with students and faculty to resolve such issues, but should resolution not be possible, the student may avail herself or himself of the School's grievance procedures.

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.

Due to the size and diverse nature of our scholarly community, each school maintains its own processes for addressing a variety of student life issues, including students' concerns about experiences in the classroom or with faculty at their school. Experience has shown that most student concerns are best resolved in a collaborative way at the school level, starting with the advising dean or dean of students, as explained below for your particular school.

The grievance procedures available through the office of the Vice President for Arts and Sciences are intended to complement, not substitute for, the procedures available in each of the Schools, and they treat a considerably more limited range of issues. They are designed to address only those cases involving professional misconduct by a faculty member of Arts and Sciences in an instructional setting in which there were significant irregularities or errors in applying School procedures. Information on this process can be found on the Faculty of the Arts and Sciences website (<http://fas.columbia.edu>) .

If the instructor at issue is not a member of the Arts and Sciences faculty, the student should consult the instructor's particular school for its procedures.

Columbia College students can learn more about how to initiate a concern, complaint, or grievance on the Columbia College website (<http://www.college.columbia.edu/academics/complaints-studentinformation>) .

We welcome students' thoughts on ways to clarify or enhance these procedures: Columbia College students may e-mail cc-academicaffairs@columbia.edu .

Timeframe for Proceedings

A student should ordinarily bring any concern or complaint within thirty (30) days of the end of the semester in which the offending conduct occurred or by the beginning of the following semester. The school process will ordinarily take thirty (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, any concern may be raised with the University's Ombuds Officer, a neutral complaint handler for the University. The office 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.

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 or 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 (<http://eoaa.columbia.edu>) or Student Services for Gender-Based and Sexual Misconduct (<http://ssgbsm.columbia.edu>) . For additional information on these issues, policies and resources, please visit the Sexual Respect website at: <https://titleix.columbia.edu/> .

Complaints against students for gender-based misconduct are processed in accord with the Gender-Based Misconduct

Policies for Students (http://ssgbsm.columbia.edu/files/gbsm/content/Gender-Based_Misconduct_Policies_Students.pdf) . 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 (<http://www.sexualrespect.columbia.edu>) 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 (http://eoaa.columbia.edu/files/eoaa/content/student_policies_procedures_discrim_harass_final_april_2013.pdf) 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 and Harassment (http://eoaa.columbia.edu/files/eoaa/content/ement_discrim_harass_april_2013_final.pdf) . 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 Faculty-Student Relationship Policy (http://eoaa.columbia.edu/files/eoaa/content/consensual_relationship_policy_2d_july_2012_brochure.pdf) states that no faculty member shall exercise academic or professional authority over any student with whom he or she has or previously has had a consensual romantic or sexual relationship. This policy covers all officers of instruction, research and the libraries, including student officers of instruction and research and teaching assistants. The Staff-Student Relationship Policy (http://eoaa.columbia.edu/files/eoaa/content/consensual_relationship_staff_to_student.march2013.pdf) states that no staff member at Columbia should participate in the supervision, employment actions, evaluation, advising or mentoring of any Columbia University student with whom that staff member has or has had a consensual romantic or sexual relationship, except in unusual circumstances, where explicit advance authorization has been obtained.

For further information and assistance, contact:

Office of Equal Opportunity and Affirmative Action
103 Low Library, MC 4333
<http://eoaa.columbia.edu/> ; eoaa@columbia.edu ;
212-854-5511

Title IX Coordinator/Section 504 Officer for Columbia University
Melissa Rooker, Associate Provost
Office of Equal Opportunity and Affirmative Action, 103 Low Library
mrooker@columbia.edu , 212-854-5511

Deputy Title IX Coordinator for Staff and Faculty Concerns
Michael K. Dunn, Director of Investigations
Office of Equal Opportunity and Affirmative Action, 103 Low Library
mkd2010@columbia.edu , 212-854-6699

Deputy Title IX Coordinator for Student Concerns (temporary)
Virginia Ryan, Interim Assistant Director
Student Services for Gender-Based and Sexual Misconduct, 108I Wien Hall
vmr2105@columbia.edu , 212-854-1717

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:

Counseling Services
Columbia Morningside: 212-854-2878, CUMC:
212-496-8491

Rape Crisis/Anti-Violence Support Center, 212-854-HELP

Office of the University Chaplain, 212-854-6242

Health Services*
Columbia Morningside (212) 854-2284, Columbia Morningside clinician-on-call (212)854-9797
CUMC: 212-305-3400, CUMC clinician-on-call: 212-305-3400

** Medical providers are considered confidential resources in the context of providing medical treatment to a patient.*

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.

IMMUNIZATION REQUIREMENTS

Meningococcal Meningitis Decision

New York State public health law requires that students receive information from their institutions about meningococcal meningitis and the vaccine that protects against most strains of the disease that can occur on university campuses.

Columbia students must make an informed decision about being vaccinated and certify their decision on-line. Full instructions are given on-line, and the process takes two to three minutes to complete. Students must formally indicate their decision about being vaccinated before they are permitted to register for classes.

Measles, Mumps, and Rubella (MMR)

New York State public health law requires that all students provide documentation of immunization for measles, mumps, and rubella (MMR) before registering for classes in their first term of study. There are several ways to provide documentation. In all cases, the Columbia University MMR form must be completed and submitted to the Columbia Health Immunization Compliance Office (<http://health.columbia.edu/students/immunization-compliance-requirements/immunization-compliance-requirements>) in Alfred Lerner Hall, no later than the specified term deadline listed on the *Academic Calendar* in this Bulletin. The Immunization Compliance Office is unable to accept health forms or immunization documentation via e-mail for privacy and security reasons. The blood test or MMR immunizations can be obtained at Columbia Health Medical Services.

For information about these requirements, e-mail hs-enrollment@columbia.edu, call 212-854-7210, or visit the Columbia Health Insurance and Immunization web site (<http://health.columbia.edu/insurance-and-immunization-compliance-offices>).

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 paying the Columbia Health Fee are not charged for the following vaccines when administered at Medical Services: MMR, Hepatitis A, Hepatitis B, Hepatitis Combination A and B, Influenza, Meningococcal Meningitis, Pneumococcal (if clinically indicated), Tetanus-Diphtheria, Tetanus-Diphtheria-Pertussis, and Varicella.

For all other vaccinations, students are charged for the cost of the vaccine. Vaccinations are available to students not paying the Columbia Health Fee for a minimal fee. For more information, please check on-line at www.health.columbia.edu.

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, specific course information - including descriptions and 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 in the University-wide *Directory of Classes* 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 Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/african-american-studies>)
- American Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/american-studies>)
- Ancient Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/ancient-studies>)
- Anthropology (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/anthropology>)
- Archaeology (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/archaeology>)
- Architecture (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/architecture>)
- Art History and Archaeology (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/art-history-archaeology>)
- Astronomy (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/astronomy>)
- Biological Sciences (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/biological-sciences>)
- Business (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/business>)
- Chemistry (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/chemistry>)
- Classics (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/classics>)
- Colloquia, Interdepartmental Seminars, and Professional School Offerings (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/colloquia-interdepartmental-seminars-professional-school-offerings>)
- Comparative Literature and Society (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/comparative-literature-society>)
- Computer Science (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/computer-science>)
- Creative Writing (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/creative-writing>)
- Dance (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/dance>)
- Drama and Theatre Arts (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/drama-theatre-arts>)
- Earth and Environmental Sciences (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/earth-environmental-sciences>)
- East Asian Languages and Cultures (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/east-asian-languages-cultures>)
- Ecology, Evolution, and Environmental Biology (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/ecology-evolution-environmental-biology>)
- Economics (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/economics>)
- Education (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/education>)
- English and Comparative Literature (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/english-comparative-literature>)
- Ethnicity and Race Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/ethnicity-race-studies>)
- Film Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/film-studies>)
- French and Romance Philology (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/french-romance-philology>)
- Germanic Languages (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/germanic-languages>)
- History (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/history>)

- History and Philosophy of Science (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/history-philosophy-science>)
- Human Rights (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/human-rights>)
- Italian (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/italian>)
- Jazz Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/jazz-studies>)
- Jewish Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/jewish-studies>)
- Language Resource Center (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/language-resource-center>)
- Latin American and Caribbean Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/latin-american-caribbean-studies>)
- Latin American and Iberian Cultures (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/latin-american-iberian-cultures>)
- Linguistics (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/linguistics>)
- Mathematics (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/mathematics>)
- Medieval and Renaissance Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/medieval-renaissance-studies>)
- Middle Eastern, South Asian, and African Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/middle-eastern-south-asian-african-studies>)
- Music (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/music>)
- Philosophy (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/philosophy>)
- Physical Education and Intercollegiate Athletics (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/physical-education-intercollegiate-athletics>)
- Physics (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/physics>)
- Political Science (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/political-science>)
- Psychology (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/psychology>)
- Regional Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/regional-studies>)
- Religion (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/religion>)
- Slavic Languages (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/slavic-languages>)
- Sociology (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/sociology>)
- Statistics (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/statistics>)
- Sustainable Development (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/sustainable-development>)
- Urban Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/urban-studies>)
- Visual Arts (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/visual-arts>)
- Women's and Gender Studies (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/womens-gender-studies>)

AFRICAN-AMERICAN STUDIES

Institute for Research in African-American Studies: 758 Schermerhorn Extension; 212-854-7080
<http://www.columbia.edu/cu/iraas/>

Director of the Institute for Research in African-American Studies:

Prof. Samuel K. Roberts, 758 Schermerhorn Extension;
 212-854-7080; skr2001@columbia.edu

Director of Undergraduate Studies: Prof. Josef Sorett, 80 Claremont Avenue; 212-854-4141; js3119@columbia.edu

Assistant Director: Shawn Mendoza, 758 Schermerhorn Extension; 212-854-8789; 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 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 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 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 studies are as follows:

1. All requirements for major must be completed by graduation date
2. Minimum grade point average 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 year.

THE AFRICAN-AMERICAN STUDIES THESIS

Although the senior thesis is a prerequisite for consideration for departmental honors, all African-American 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 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.** 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).

FACULTY

SENIOR FACULTY

- Robert Gooding-Williams (Philosophy)
- Steven Gregory (Anthropology)
- Farah J. Griffin (English and Comparative Literature)
- Samuel K. Roberts (History)

- Sudhir A. Venkatesh (Sociology)

JUNIOR FACULTY

- Kevin Fellezs (Music)
- Carla Shedd (Sociology)
- Josef Sorett (Religion)

RESEARCH FELLOWS

- Marcellus Blount (English and Comparative Literature)
- Fredrick C. Harris (Political Science)
- Carl Hart (Psychology)
- Kellie E. Jones (Art History and Archaeology)
- Natasha Lightfoot (History)
- Dorian Warren (Political Science)
- Mabel Wilson (Architecture, Planning and Preservation)

AFFILIATED FACULTY

- 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)
- Eric Foner (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)
- Alondra Nelson (Sociology & Women and Gender Studies)
- Valerie Purdie-Vaughns (Psychology)
- Gary Okihiro (School of International and Public Affairs)
- Robert O'Meally (English and Comparative Literature)
- David Scott (Anthropology)
- John Swzed (Music)
- Susan Strum (Law)

REQUIREMENTS

MAJOR IN AFRICAN-AMERICAN STUDIES

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. A minimum of 36 points is required for the major as follows:

AFAS C1001 Introduction to African-American Studies

AFAS C3936

One senior research seminar

A minimum of four courses in the governed electives category, which provides an interdisciplinary background in the field of African-American studies. Such electives must be drawn from at least three different departments. Of these, one must be a literature course; one must be a history course; and one must focus primarily on cultures and societies located in Africa or within the African diaspora outside of the United States, such as the Caribbean or Latin America.

Five courses must be taken within a designated area of study, preferably within a distinct discipline (e.g., anthropology, English, sociology, political science, history). Students may also select their five courses within a distinct regional or geographical area within the African diaspora (e.g., sub-Saharan Africa). One of these five courses must be a seminar.

CONCENTRATION IN AFRICAN-AMERICAN STUDIES

A minimum of 24 points is required for the concentration. All students must take the introductory course, AFAS C1001 Introduction to African-American Studies. Within the governed elective category, a minimum of 9 points must be taken. Of these, one course must be selected from the humanities; one course must be in the social sciences; and one must focus primarily on non-U.S. cultures and societies within the African diaspora and sub-Saharan Africa. Additionally, a minimum of 12 points must be acquired from courses within a designated area of study, such as a specific discipline or a regional area (e.g., Africa). One of the courses taken to fulfill either the governed electives category or the designated area of study category must be either AFAS C3936 or a research seminar.

COURSES

AFAS C1001 Introduction to African-American Studies. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

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, structure, 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, diaspora, 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, Black Power, 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 2014: AFAS C1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 1001	001/24084	M W 10:10am - 11:25am 702 Hamilton Hall	Josef Sorett	3	74/100

AFAS W3030 (Section 1) African-American Music. 3 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 2014: AFAS W3030 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3030	001/21552	T Th 4:10pm - 5:25pm 608 Schermerhorn Hall	Kevin Fellezs	3	21/35

AFAS C3930 (Section 1) Topics in the Black Experience: CULTURE OF FREEDOM: QUILOMBOS, PALENQUES & MAROON SOCIETIES IN THE AMERICAS & BEYOND. 4 points.

Open to all Undergraduates

Culture of Freedom: Quilombos, Palenques and Maroon Societies in the Americas Africans in the Americas had various ways of resisting slavery and oppression including work slowdowns, breaking of tools, destruction of crops and property, revolt and escape from captivity. This course,

Maroons in the Americas..., will discuss the important societies formed by self-liberated Africans including quilombos and mocambos in Brazil, palenques and cumbes in the Spanish speaking Americas, and maroon societies in the United States, South America and the Caribbean. It will also cover the little known siddi community of Northern Karnataka, India established by Africans fleeing enslavement in Goa. In addition to creating the first non-indigenous republics in the Americas, maroons gave us pioneering ideas about social responsibility and individual rights, concepts that are still operative in our social philosophy. Revolts and runaways also gave the Americas some exceptional leaders who are still celebrated, including Captain Sebastián Lemba in the Dominican Republic, Yanga in Mexico, King Zumbi in Brazil, King Benkos Bioho in Columbia, King Bayano in Panama, Queen Grandy Nanny and Captain Kojo in Jamaica, King Miguel Guacamaya in Venezuela, Makandal and Boukman in Haiti, and, although not as well known as the others, John Horse (aka Juan Caballo or Gopher John) in the United States and Mexico. Furthermore, we will investigate the numerous quilombos, palenques and maroon societies that still exist, as well as how their ubiquitous ideas are represented in all spheres of society from the arts to cyberspace. Africans in the Americas had various ways of resisting slavery and oppression including work slowdowns, breaking of tools, destruction of crops and property, revolt and escape from captivity. This course, Maroons in the Americas..., will discuss the important societies formed by self-liberated Africans including quilombos and mocambos in Brazil, palenques and cumbes in the Spanish speaking Americas, and maroon societies in the United States, South America and the Caribbean. It will also cover the little known siddi community of Northern Karnataka, India established by Africans fleeing enslavement in Goa. In addition to creating the first non-indigenous republics in the Americas, maroons gave us pioneering ideas about social responsibility and individual rights, concepts that are still operative in our social philosophy. Revolts and runaways also gave the Americas some exceptional leaders who are still celebrated, including Captain Sebastián Lemba in the Dominican Republic, Yanga in Mexico, King Zumbi in Brazil, King Benkos Bioho in Columbia, King Bayano in Panama, Queen Grandy Nanny and Captain Kojo in Jamaica, King Miguel Guacamaya in Venezuela, Makandal and Boukman in Haiti, and, although not as well known as the others, John Horse (aka Juan Caballo or Gopher John) in the United States and Mexico. Furthermore, we will investigate the numerous quilombos, palenques and maroon societies that still exist, as well as how their ubiquitous ideas are represented in all spheres of society from the arts to cyberspace. CULTURE OF FREEDOM: QUILOMBOS, PALENQUES & MAROON SOCIETIES IN THE AMERICAS & BEYOND - See more at: <http://www.iraas.com/node/383#sthash.YMtbhimW.dpuf> CULTURE OF FREEDOM: QUILOMBOS, PALENQUES & MAROON SOCIETIES IN THE AMERICAS & BEYOND - See more at: <http://www.iraas.com/node/383#sthash.YMtbhimW.dpuf>

Fall 2014: AFAS C3930 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	001/74977	T 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	C. Daniel Dawson	4	10/12

Spring 2015: AFAS C3930 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	001/94694	T 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	C. Daniel Dawson	4	16/14

AFAS C3930 (Section 2) Topics in the Black Experience: Race, Schools & Policy. 4 points.**Topics In the Black Experience: Race, Schools & Policy**

Schools are thought by many to be "the great equalizers." In this course, the potential of schools as sites of equity will be explored through the lens of race, class, gender and power. The course will focus on the history and contemporary nature of educational inequality and query which policies can abate these observed differences. From Syllabus: This course is designed to introduce and deepen students understanding of the ways that race has been a factor in the institution of schools in the United States. The course intends to enhance students' understanding of theoretical perspectives, policy issues, and social scientific evidences' role in the policy process. We will examine varying issues facing the institution of schools with a focus on African-Americans and other populations of color. Using sociological analysis we will interrogate past and present policy levers that affect(ed) schooling for all children. From this class, students will gain a richer knowledge base for understanding current policy debates and conduct better analysis of problems facing schools in the contemporary United States. This course will be reading, writing, and discussion intensive.

Fall 2014: AFAS C3930 (Section 2)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	002/16604	W 11:00am - 12:50pm 758 Ext Schermerhorn Hall	R. L'Heureux Lewis-McCoy	4	15/15

Spring 2015: AFAS C3930 (Section 2)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3930	002/77532	T 11:00am - 12:50pm 758 Ext Schermerhorn Hall	R. L'Heureux Lewis-McCoy	4	13/14

AFAS C3936 (Section 1) 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.

Spring 2015: AFAS C3936 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 3936	001/12781	W 11:00am - 12:50pm Room TBA	Zinga Fraser	4	13/15

AFAS W4031 Protest Music and Popular Culture. 3 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.

Fall 2014: AFAS W4031

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4031	001/60181	T 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Kevin Fellezs	3	13/14

AFAS W4032 (Section 1) Image and Identity in Contemporary Advertising. 4 points.

Open to undergraduate sophomores, juniors, and seniors; and MA students only.

This course examines the organization of contemporary advertising industry. A special emphasis is placed on the role

of diversity and difference, including but not restricted to the ways that race, ethnicity, and other demographic/social difference impact both the profession and the creative process. Advertising is a polyglot organizational field consisting of traditional advertising agencies, but also digital companies and social media firms that use creative marketing techniques, such as crowdsourcing and viral marketing. We will consider the ways that corporations and those in their service produce and consume information and image, in an effort to shape individual and collective identities, and to market goods and services. **REQUIREMENTS:** The course is organized around collective discussion. The course is open to all undergraduates and graduate students. If class enrollment becomes a limitation, priority will be given to African-American Studies majors. The readings and lectures are designed to prepare students for advanced study in related fields, such as the sociology of culture and the sociology of technology. Students will not be allowed to audit the class or sign up for "R" or "P" credit. Students are allowed only one unexcused absence. Additional un-excused absences will result in a ½ grade reduction (for the final class grade) for each day of class missed.

Fall 2014: AFAS W4032 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4032	001/23503	W 4:10pm - 6:00pm 754 Ext Schermerhorn Hall	Sudhir Venkatesh	4	26/35

AFAS W4035 (Section 1) CRIMINAL JUSTICE AND THE CARCERAL STATE IN THE 20th CENTURY UNITED STATES. 4 points.

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 the African American Studies and History undergraduate curricula. To apply for course enrollment, please contact Prof. Samuel Roberts (skroberts@columbia.edu)

AFAS G4080 (Section 1) Towards an Intellectual History of Black Women. 4 points.

Open to upper level undergraduates, and graduate students.

TOWARD AN INTELLECTUAL HISTORY OF BLACK WOMEN This course will explore the lives and works of several twentieth century Black women intellectuals including, but not limited to Isa B. Wells, Zora Neale Hurston, Eslanda Goode Robeson, and Toni Morrison. We will also read secondary works that seek to construct an intellectual history of Black women. These will introduce us to the cross-

disciplinary methodologies scholars use to investigate our subjects' contribution to Black thought.

Fall 2014: AFAS G4080 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080	001/28674	W 2:10pm - 4:00pm 758 Ext Schermerhorn Hall	Farah Griffin	4	5/15

Spring 2015: AFAS G4080 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080	001/17347	T 2:10pm - 4:00pm Room TBA	Farah Griffin	4	13/14

AFAS G4080 (Section 2) Topics in the Black Experience: Romare Bearden: Home is Harlem. 4 points.

Graduate Students - Limited Upper level Undergraduates Only

This course, Romare Bearden: Home is Harlem, is an exploration into one of the greatest American artists finding home in Harlem. Romare Bearden (1911-1988) noted painter, collagist, intellectual and advocate for the arts, spent his childhood and young adult life in Harlem. Known for chronicling the African-American experience, he found rich sources in the Manhattan neighborhoods above 110th Street. Part of the great migration, Bearden's family left Charlotte, NC when he was 3 years old, an abrupt departure that inspired a life long desire to create home, and to celebrate the soul of a community. The Odyssey, one of Bearden's most well known series (and the subject of a current exhibition at the Wallach Gallery), was created in 1977 and inspired by Homer's Odyssey. Like the ancient epic poem, it is essentially about the artist's own search, and everyman's search for home. This course takes up the issues in The Black Odyssey exhibition, and beyond, examining Harlem as home through Bearden's eyes, from an artistic perspective, and around what inspired him most -the history, the people, and jazz music. Presented by Diedra Harris-Kelley, a director of the Romare Bearden Foundation, lecturer, artist and niece of Bearden. The course will take participants through Bearden's youth in Harlem, his involvement with Harlem institutions and intellectuals. And lead students through close readings of significant works of art.

Fall 2014: AFAS G4080 (Section 2)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4080	002/61074	T 11:00am - 12:50pm 758 Ext Schermerhorn Hall	Obery Hendricks	4	3/14

Spring 2015: AFAS G4080 (Section 2)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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AFAS 4080	002/26397 Th 11:00am - 12:50pm 758 Ext Schermerhorn Hall	Deidra Harris- Kelley	4	13/15
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AFAS G4520 Race & the Articulation of Difference. 4 points.

This seminar examines the intersection of race, gender, and nation in the formation of hierarchical social systems and their legitimating ideologies. A leading premise of this course is that racial ideologies are, foundationally, claims about the heritability of socially produced and imagined differences—claims that muster, mimic, and articulate notions of differences associated with a variety of social distinctions, including sex/gender, class, and nation-based identities. This seminar will situate the process of racialization within the wider problematic of political subjectivity and direct attention to the symbolic and structural organization of modern, hierarchical social systems.

Fall 2014: AFAS G4520

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AFAS 4520	001/28896	Th 4:10pm - 6:00pm 758 Ext Schermerhorn Hall	Steven Gregory	4	13/15

OF RELATED INTEREST

Africana Studies (Barnard)

AFRS BC2004	Introduction to African Studies
AFRS BC2005	Caribbean Culture and Societies
AFRS BC2006	Introduction to the 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	Africana Colloquium: Critical Race Theory (Section 1)
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 and Performance In The 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	Harlem Seminar: Gay Harlem
AFRS BC3560	Human Rights and Social Change in Sub-Saharan Africa
AFRS BC3570	Africana Issues: Diasporas of the Indian Ocean
AFRS BC3589	Black Feminisms

AFRS BC3590	The Middle Passage
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Art History and Archaeology

AHIS W3208	The Arts of Africa
AHIS W3897	Black West: African-American Artists in the Western United States

American Studies

AMST W3930	Topics in American Studies: American Cultural Criticism
AMST W3931	Topics in American Studies: Race, Poverty, and American Criminal Justice (Section 4)

Anthropology (Barnard)

ANTH V3005	Africa: Culture and Society
ANTH V3943	Youth and Identity Politics in Africa
ANTH V3946	African Popular Culture
ANTH V3983	Ideas and Society in the Caribbean
ANTH V3988	Race/Sexuality Science and Social Practice

Anthropology

ANTH V1130	Africa and the Anthropologist
ANTH V2005	The Ethnographic Imagination
ANTH V3005	Africa: Culture and Society
ANTH V3850	Psychoanalysis, Colonialism, and Race
ANTH V3983	Ideas and Society in the Caribbean

Center for the Study of Ethnicity and Race

CSER W1012	History of Racialization in the United States
CSER W3940	Comparative Study of Constitutional Challenges Affecting African, Latino, and Asian American Communities

Dance (Barnard)

DNCE BC3578	Traditions of African-American Dance
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Economics

ECON W4438	Economics of Race in the U.S.
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English and Comparative Literature

ENGL W3400	African-American Literature I
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	Home to Harlem: Literature of the Harlem Renaissance

History

AFCV C1020	African Civilizations
HIST W3431	U.S. In the Era of Slavery and Jacksonian Democracy

HIST W3432 The United States In the Era of Civil War and Reconstruction

HIST W3523 History of Health Inequality in the Modern United States

HIST W3540 History of the South

HIST W3575 Power and Place: Black Urban Politics

HIST W3618 The Modern Caribbean

HIST W3662 Slave Memory in Brazil: Public History and Audiovisual Narratives in Perspective

HIST W3760 Main Currents In African History

HIST W3772 West African History

HIST W4404 Native American History

HIST W4429 Telling About the South

HIST W4434 The Atlantic Slave Trade

HIST W4518 Research Seminar: A Columbia and Slavery

HIST W4584 Race, Technology, and Health

HIST W4588 Substance Abuse Politics in African-American History

HIST W4675 Challenging Sexual Images and Racial Stereotypes in Brazilian History

HIST W4779 Africa and France

HIST W4928 Comparative Slavery and Abolition in the Atlantic World

HIST W4985 Citizenship, Race, Gender and the Politics of Exclusion

History (Barnard)

HIST BC3440 Intro to African American History

HIST BC3440 Intro to African American History

HIST BC3676 Latin America: Migration, Race, and Ethnicity

HIST BC4587 Remembering Slavery: Critiquing Modern Representations of the Peculiar Institution

HIST BC4771 Critical Perspectives on the Mobilization of Race and Ethnicity on the Continent and in the Study of Africa

Jazz Studies

JAZZ W3100 Jazz and American Culture

JAZZ W4900 Jazz and the Literary Imagination

Middle Eastern, South Asian, and African Studies

MDES W2030 Major Debates in the Study of Africa

Music

MUSI V2016 Jazz

MUSI V2020 Salsa, Soca, and Reggae: Popular Musics of the Caribbean

MUSI W4435 Music and Performance in the African Postcolony

Political Science (Barnard)

POLS BC3101 * Colloquium on Black Political Thought

POLS BC3810 *Colloquium on Aid, Politics & Violence in Africa

POLS W4445 Politics of the Middle East and North Africa

Political Science

POLS W3202 Labor & American Politics

POLS W3245 Race and Ethnicity In American Politics

POLS V3604 Civil Wars and International Interventions in Africa

POLS W4496 Contemporary African Politics

Psychology

PSYC W2460 Drugs and Behavior

PSYC W2650 Introduction to Cultural Psychology

PSYC G4615 The Psychology of Culture and Diversity (Seminar)

Religion (Barnard)

RELI V2615 Religions of Harlem

RELI V2645 Religion in Black America: An Introduction

RELI V3603 Religion in America II

RELI W4630 African-American Religion

RELI W4826 Religion, Race and Slavery

Religion

RELI V2615 Religions of Harlem

RELI V2645 Religion in Black America: An Introduction

RELI V3630 Religion and Black Popular Cultures

RELI V3650 Religion and the Civil Rights Movement

RELI W4655 The African American Prophetic Political Tradition from David Walker to Barack Obama

RELI W4826 Religion, Race and Slavery

Sociology

SOCI W2420 Race and Place in Urban America

SOCI W3277 Post-Racial America?

Women's and Gender Studies

WMST W4300 Advanced Topics in Women's and Gender Studies

AMERICAN STUDIES

Program Office: 319-321 Hamilton; 212-854-6698
<http://www.columbia.edu/cu/amstudies/>

Director: Prof. Andrew Delbanco, 321 Hamilton;
 212-854-6698; ad19@columbia.edu

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 212-854-4049; rla2@columbia.edu

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 212-854-6698; amd44@columbia.edu

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 504 Fayerweather; 212-854-1785; cb460@columbia.edu

Chair, Advisory Board: Prof. Robert Amdur, 311 Hamilton;
 212-854-4049; rla2@columbia.edu

The American studies program 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 in New York by involving students with the life of the city—working with community service organizations such as the Double Discovery Center, which serves disadvantaged high school students; and by inviting leading figures on the New York political and cultural scene to participate in colloquia, public conferences, and in the classroom. 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

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.

FACULTY

AFFILIATED FACULTY

- Rachel Adams (English and Comparative Literature)
- Casey N. Blake (History; American Studies)
- Jeremy Dauber (Germanic Languages)
- Andrew Delbanco (Humanities; American Studies)
- Robert A. Ferguson (Law; English and Comparative Literature)
- Eric Foner (History)
- Todd Gitlin (Journalism; Sociology)

- Farah Griffin (English and Comparative Literature)
- Alice Kessler-Harris (History)
- Shamus Khan (Sociology)
- Rebecca Kobrin (History)
- Roosevelt Montas (Core Curriculum)
- Ross Posnock (English and Comparative Literature; American Studies)
- Wayne Proudfoot (Religion)
- Jonathan Rieder (Sociology)
- Maura Spiegel (English and Comparative Literature)

REQUIREMENTS

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 30 points is required to complete the major:

AMST Introduction to American Studies (Not
 W1010 offered 2014-2016)

Two seminars in American studies

Two American studies core courses:

ENGL Foundations of American Literature
 W3267

HIST U.S. Intellectual History, 1865 To the
 W3478 Present

Four additional courses: In consultation with the adviser, the student chooses a set of four courses. These courses must be drawn from at least two departments, one of which must be history.

Senior research project: The final requirement for the major in American studies is completion of a senior essay, to be written in the spring of senior year. Alternatively, students may fulfill this requirement by taking an additional seminar where 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 in the fall of the senior year.

CONCENTRATION IN AMERICAN STUDIES

A minimum of 21 points is required to complete the concentration:

AMST W1010	Introduction to American Studies (Not offered 2014-2016)
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Two American studies core courses:

ENGL W3267	Foundations of American Literature
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HIST W3478	U.S. Intellectual History, 1865 To the Present
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Five additional courses: In consultation with the adviser, the student chooses a set of four courses. These courses must be drawn from at least two departments, one of which must be history.

COURSES

AMST W1010 Introduction to American Studies. 3 points. Not Offered During 2014-15 Academic Year.

An introduction to fundamental themes and debates that span four centuries of American culture. Beginning with Alexis de Tocqueville's *Democracy in America*, we will explore themes such as the question of national character, immigration, assimilation and the color line, opportunity and the pursuit of property, self-making, meritocracy, consumerism, Americans at work and leisure, American religion and spiritual life, educational ideals, and Americans at war. A partial list of authors includes: John Winthrop, Hector St. Jean de Crevecoeur, Thomas Jefferson, Frederick Douglass, R. W. Emerson, H.D. Thoreau, Abraham Lincoln, W.E. B. DuBois, Andrew Carnegie, Horatio Alger, Theodore Roosevelt, John Dewey, F. Scott Fitzgerald, Upton Sinclair, Sinclair Lewis, Thorstein Veblen, Nella Larsen, and Gish Jen. Conducted as a lecture/discussion, with weekly discussion sections.

AMST W3920 American Studies Senior Project Colloquium. 1 point.

Required for American studies students who intend to do a senior research project in the spring.

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 5-8 page prospectus and bibliography that will provide an excellent foundation for the work of actually writing the senior essay. The colloquium will meet every other week at a convenient time for the participants, and is required for everyone planning to do a senior research project.

Fall 2014: AMST W3920

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3920	001/15016	T 6:10pm - 8:00pm 317 Hamilton Hall	Casey Blake	1	13/15

Spring 2015: AMST W3920

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3920	001/13737		Casey Blake	1	3/5

AMST W3930 Topics in American Studies: American Cultural Criticism. 4 points.

Prerequisites: Permission of instructor and application required. See American Studies website for details.

Examines major interpreters of American culture from the late nineteenth century to the present. Themes include the search for indigenous forms of artistic expression; rise of a consumer culture; religious critics of secularism; ethno-racial pluralism and cosmopolitanism; "mass" culture, the avant-garde, and "high" culture; shift from modernism to postmodernism; and the public role of the critic

AMST W3930 (Section 1) Topics in American Studies: Journalism, Democracy, and the Digital Revolution. 4 points.

Attend first class for instructor permission.

The American news media occupy a complex role in the life of the nation: at once a constitutionally protected feature of democracy and a product of free enterprise. With an eye to the 2012 presidential election, this class will explore the transformation of the media from the heyday of the great 20th century news organizations to the triumph of Twitter. How have the disruption of the mainstream media and the rise of radically decentralized sources of information affected the political discourse and the decisions Americans make? We'll look back at the Grey Lady, Walter Cronkite and Watergate, and into the future, where favored news purveyors are raw rather than mediated, hot rather than cool, personal rather than formal, targeted rather than broad, passionate rather than neutral. We'll have visits from media players and prognosticators, examine where journalistic standards are going, and assess the impact of news sources from Fox News to the latest hashtag.

Fall 2014: AMST W3930 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	001/72832	W 2:10pm - 4:00pm 317 Hamilton Hall	Caroline Miller	4	17/18

AMST W3930 (Section 2) Topics in American Studies: Equity in American Higher Education. 4 points.

Interview required. Please see American Studies website.

In this seminar we examine the roles colleges and universities play in American society; the differential access high school students have to college based on family background and income, ethnicity, and other characteristics; the causes and consequences of this differential access; and some attempts to make access more equitable. Readings and class meetings cover the following subjects historically and in the 21st century: the variety of American institutions of higher education; admission and financial aid policies at selective and less selective, private and public, colleges; affirmative action and race-conscious admissions; what "merit" means in college admissions; and the role of the high school in helping students attend college. Students in the seminar are required to spend at least four hours each week as volunteers at the Double Discovery Center (DDC) in addition to completing assigned reading, participating in seminar discussions, and completing written assignments. DDC is an on-campus program that helps New York City high school students who lack many of the resources needed to succeed in college and to be successful in gaining admission and finding financial aid. The seminar integrates students' first-hand experiences with readings and class discussions.

Fall 2014: AMST W3930 (Section 2)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	002/62487	M 2:10pm - 4:00pm 317 Hamilton Hall	Andrew Delbanco, Roger Lehecka	4	17/18

AMST W3930 (Section 3) Topics in American Studies: The Supreme Court in American History. 4 points.

Attend first class for instructor permission.

As Tocqueville observed, "scarcely any political question arises in the United States that is not resolved, sooner or later, into a judicial question." As a consequence, the Supreme Court of the United States has been at the center of many of the most significant developments in American history. It has played significant roles in, for example, (1) the creation of the young republic and the achievement of a balance between states and the federal government, (2) race relations including the institution of slavery, (3) the rights of workers, (4) civil rights, and (5) elections. This seminar will explore the Supreme Court's role in American society by examining its decisions on key issues throughout its history.

Fall 2014: AMST W3930 (Section 3)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	003/24693	M 6:10pm - 8:00pm 317 Hamilton Hall	Benjamin Rosenberg	4	15/18

AMST W3930 (Section 4) Topics in American Studies: Freedom and Citizenship in the United States. 4 points.

Application required. Please see American Studies website.

Freedom and Citizenship in the United States will examine the historical development of ideas of freedom and citizenship in the American context. We will examine texts that treat of issues like the rights and responsibilities of membership in a political association, the nature and limits of the power of the collective over the individual, and the norms of exclusion and inclusion that define a body politic. The course will focus exclusively on primary texts, and the order of readings will be roughly chronological, emphasizing the historical development of the concepts of citizenship, nation, and American identity. The first weeks the course will be dedicated to reading and discussing major texts in Western political history that frame the 17th century founding of the American colonies. The rest of the course will situate the American case in this historical development, beginning with an examination of the Puritan migration to New England and the early communities they formed, and continuing with the study of major documents surrounding the Revolution, the Civil War, Reconstruction, the New Deal, the Civil Rights Movement, and contemporary debates about the meaning of American citizenship. In addition to the classroom requirements, students will be expected to volunteer a minimum of 4 hours a week with the Double Discovery Center (DDC), in connection to the Freedom and Citizenship Project which DDC conducts in partnership with the American Studies Program.

Fall 2014: AMST W3930 (Section 4)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	004/62200	T 4:10pm - 6:00pm 317 Hamilton Hall	Roosevelt Montas	4	6/18

AMST W3930 (Section 5) Topics in American Studies: Salinger, Lowell, McCullers: Freaks & Aesthetes in 1950s Families. 4 points.

Attend first class for instructor permission.

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.

Fall 2014: AMST W3930 (Section 5)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	005/92068	Th 2:10pm - 4:00pm 317 Hamilton Hall	Ross Posnock	4	20/18

AMST W3930 (Section 98) Topics in American Studies: American Literature and Culture from 1850 to the Civil War. 4 points.

Not Offered During 2014-15 Academic Year.

In this seminar we trace the growing crisis over slavery and disunion as the United States moved toward war against itself. Readings include fiction, poetry, memoirs, political discourse, and journalism by such authors as Harriet Beecher Stowe, Frederick Douglass, Oliver Wendell Holmes, Harriet Jacobs, Daniel Webster, John C. Calhoun, Abraham Lincoln, and Herman Melville. We consider the perspectives of slaves and slavemasters, North and South, men and women, committed partisans and neutral observers-- in an effort to understand what was at stake in the rising discord during the decade that preceded Civil War.

AMST W3931 (Section 2) Topics in American Studies: Disability, Embodiment, and Social Justice. 4 points.

What does it mean to be disabled in America? This course approaches disability less as a medical condition affecting individual bodies than as a social, environmental, and historical phenomenon. We will investigate the role of culture in shaping and reflecting on disability in contemporary American culture. How have philosophers, policy makers, authors and artists framed the political and ethical debates surrounding the status of disability? How have imaginative representations in literature, film, and the visual arts contributed to and/or challenged those understandings? Given that nearly every one of us will be disabled at some point in life, these questions could not be more important. This course seeks to address them by considering a broad array of texts, including philosophical debates about morality and ethics, history, and literary, filmic, and visual representations. In addition to our consideration of cultural representations, an experiential learning requirement will also give students the opportunity to work closely with an organization dedicated to serving the needs of people with disabilities.

Spring 2015: AMST W3931 (Section 2)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	002/27161	W 2:10pm - 4:00pm 317 Hamilton Hall	Rachel Adams	4	7/18

AMST W3931 (Section 3) Topics in American Studies: Hollywood's Countercultural Cinema: Movies of the 1970s. 4 points.

Application required. See American Studies website.

Dominated by outcasts and anti-heroes, movies of the 1970s freshly engaged the conversation about what American society is and should be. A new generation of maverick American auteurs (including Coppola, Altman, Kubrick, Ashby, Lumet, Pakula and Scorsese) saved Hollywood from financial collapse by channeling and giving voice to the frenetic activities of the previous decade -while also speaking directly into the moment. They tackled previously taboo subjects; challenged traditional narrative expectations; revised Classic Hollywood film genres, and engaged race and gender in new ways. Originally considered a "lost generation," the filmmakers of the 1970s are now recognized as having produced a turning point in American filmmaking. Through close-readings of some of the decade's greatest works, and through readings in film, cultural and social theory, this course will examine the role of movies in American discourse. What do movies do for and to us? What does the current viewer "hear" in film from the past that wasn't heard then? Can we speak of different "styles of heroism" in film eras? Do current movies (and HBO series) pursue different strategies for engaging the present? How has the viewer changed, and how is the context of viewing different today?

Spring 2015: AMST W3931 (Section 3)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	003/65494	F 2:10pm - 4:00pm 317 Hamilton Hall	Maura Spiegel	4	17/18

AMST W3931 (Section 4) Topics in American Studies: Race, Poverty, and American Criminal Justice. 4 points.

This course will examine the influence of race and poverty in the American system of confronting the challenge of crime. Students will explore some history, including the various purposes of having an organized criminal justice system within a community; the principles behind the manner in which crimes are defined; and the utility of punishment. Our focus will be on the social, political and economic effects of the administration of our criminal justice system, with emphatic examination of the role of conscious and unconscious racism, as well as community biases against the poor. Students will examine the larger implications for a community and culture that are presented by these pernicious features. We will reflect on the fairness of our past and present American system of confronting crime, and consider the possibilities of future reform. Readings will include historical texts, analytical reports, some biography, and a few legal materials. We will also watch documentary films which illuminate the issues and problems.

Spring 2015: AMST W3931 (Section 4)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	004/10344	Th 11:00am - 12:50pm 317 Hamilton Hall	Cathleen Price	4	13/15

AMST W3931 (Section 5) Topics in American Studies: Languages in America. 4 points.

The United States, often thought of as a nation where since its origins all foreign languages spoken by immigrants have withered away upon exposure to English, has actually always harbored a complex mixture of languages and dialects. This course will examine the history of language in America, including the robust role of German in colonial times and beyond (once as commonly heard in America as Spanish); creole languages such as Gullah, Louisiana Creole French and Hawaiian "Pidgin" English; Black English including its history and present; Native American languages and modern efforts to preserve them; and the history of Asian languages in modern America, including Chinese, Korean, Vietnamese, and Hmong. The course also serves, in ancillary fashion, as an introduction to the variety among languages of the world and to a scientific perspective on human language.

Spring 2015: AMST W3931 (Section 5)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	005/65774	W 11:00am - 12:50pm 317 Hamilton Hall	John McWhorter	4	15/18

AMST W3931 (Section 6) Topics in American Studies: The Sixties. 4 points.

Attend first class for instructor permission.

"The Sixties" have dwindled into reputation, slogan, and myth. But were they anything else in the first place? The effort in this seminar will be to recover that period both from the outside (via history and analyses of demographic, social, political, and economic trends) and the inside (personal reminiscence, music, film, and television), with attention to penetrating accounts from movements, counter-movements, and establishment alike. Among the topics: civil rights, affluence, television, youth culture, celebrity, the university boom, Vietnam, the Cold War, party politics, feminism, and gays. Film and TV footage will supplement class discussion.

Spring 2015: AMST W3931 (Section 6)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	006/63361	W 4:10pm - 7:00pm 317 Hamilton Hall	Todd Gitlin	4	18/18

AMST W3931 (Section 94) Topics in American Studies: Transmedia. 4 points.
Not Offered During 2014-15 Academic Year.

Transmedia, widely regarded as the future of entertainment, raises crucial questions about how an individual creator's role changes as the creative project grows. Translation from one medium to another becomes a more tightly controlled form of storytelling where creators must navigate between the desire to add excitement and the threat of diluting impact. In today's entertainment industry, properties like *Batman* become simultaneously films, cartoons, video games, online webisodes, and re-appear in multiple versions beyond their original expression (comics, in this example)—all with the aim of enlarging their commercial potential, and connecting with many audiences. Increasingly, writers and creators are being enlisted to build these variations even before the first incarnation of the project is released. This course will explore transmedia in the present, and speculate about its future. It will also explore its history as exemplified by such works as L. Frank Baum's *The Wonderful Wizard of Oz*. We will examine the tensions between creative and commercial goals, and between contradictory audiences. Guest speakers will include writers, artists, and people involved in projects ranging across the media, including Broadway adaptations. Readings and viewings will include primary sources (novels, graphic novels, films, etc.), criticism and theory, and intellectual property law. Students will be expected to compose 2 response papers and either give a presentation on a transmedia property of their choice or write a research paper.

AMST W3990 Senior Research Seminar. 4 points.

Open to American Studies seniors doing a research project.

Prerequisites: AMST W3920

A seminar devoted to the research and writing, under the instructor's supervision, of a substantial paper on a topic in American studies. Class discussions of issues in research, interpretation, and writing.

Spring 2015: AMST W3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3990	001/93149		Casey Blake	4	9/18

AMST W3997 Supervised Individual Research. 1-4 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.

AMST W3998 Supervised Individual Research. 1-4 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.

OF RELATED INTEREST

Anthropology

ANTH V3960 The Culture of Public Art and Display In New York City

Center for the Study of Ethnicity and Race

CSER W1600 Latino/a History

CSER W1601 Introduction to Latino/a Studies

CSER W3940 Comparative Study of Constitutional Challenges Affecting African, Latino, and Asian American Communities

Dance (Barnard)

DNCE Dance in New York City
BC2570

DNCE Latin American and Caribbean Dance:
BC3570 Identities in Motion

DNCE Traditions of African-American Dance
BC3578

Economics

ECON V3265 The Economics of Money and Banking

ECON Urban Economics
W4228

ECON Economics of Race in the U.S.
W4438

ECON Public Economics
W4465

English & Comparative Literature

ENGL Foundations of American Literature
W3267

ENGL American Modernism
W4604

Film

FILM W3000 Introduction to Film and Media Studies

FILM W3006 Cinema History 2: 1930-60

FILM W3300 Topics in American Cinema

History

HIST W3431 U.S. In the Era of Slavery and Jacksonian
Democracy

HIST W3432 The United States In the Era of Civil War
and Reconstruction

HIST W3441 Making of the Modern American
Landscape

HIST W3478 U.S. Intellectual History, 1865 To the
Present

HIST W3535 History of the City of New York

HIST W3540 History of the South

HIST W4429 Telling About the South

AMHS Immigrant New York
W4462

HIST W4518 Research Seminar:Â Columbia and Slavery

AMHS American Cultural Criticism
W4580

HIST W4584 Race, Technology, and Health

Political Science

POLS W1201 Introduction To American Government
and Politics

POLS W3100 Justice

POLS W3245 Race and Ethnicity In American Politics

POLS W3285 Freedom of Speech and Press

POLS W3322 The American Congress

Religion

RELI V3603 Religion in America II

Sociology

SOCI W1000 The Social World

SOCI W2220 Evaluation of Evidence

SOCI W3264 The Changing American Family

SOCI W3936 Sociology and the Public

SOCI W3945 Inequality and Public Policy

SOCI W3965 Elites in America: Topics in American
Studies

SOCI W3980 Immigrant New York: The Changing
American City

SOCI G4370 Processes of Stratification and Inequality

Urban Studies

URBS V3994 Senior Seminar: New York Field Research
- URBS and Senior Seminar: New York Field
V3995 Research

Women's and Gender Studies

WMST Introduction to Women's and Gender
V1001 Studies

ANCIENT STUDIES

Program Office: 617 Hamilton; 212-854-3902;
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<http://www.columbia.edu/cu/classics/>

Director of Undergraduate Studies: Prof. Katharina Volk,
601 Hamilton; 212-854-5683; kv2018@columbia.edu

Program Administrator: Gerry Visco, 617 Hamilton;
212-854-2726; gvw1@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 the director of undergraduate studies.

In the senior year, students register for the ANCS V3995 The Major Seminar during the fall, and ANCS V3998 Directed Research In Ancient Studies is usually taken during the spring. Sections should be arranged directly with the academic departmental administrator after finding an adviser.

REQUIREMENTS

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 V3995 The Major Seminar (fall term of senior year)

Senior Thesis

ANCS V3998 Directed Research In Ancient Studies (spring term of senior year)

The selected program of study for the major must collectively satisfy the following criteria:

Language Study *

Two courses of an ancient language at or above the intermediate level, i.e. 1200-level or above.

Fundamental Breadth **

Two introductory courses on some aspect of the ancient Mediterranean. Some examples include:

HIST W1010	The Ancient Greeks 800-146 B.C.E.
or HIST W1020	The Romans, 754 BC to 565 AD

AHIS V3248	Greek Art and Architecture
or AHIS V3250	Roman Art and Architecture

PHIL V2101	The History of Philosophy I: Presocratics to Augustine
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CLLT V3132	Classical Myth
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Advanced Study

Two advanced courses on the ancient Mediterranean, typically at 3000- or 4000-level.

Cultural Concentration

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.

PHIL V2101 The History of Philosophy I: Presocratics to Augustine

Religion

RELI V3120 Introduction to the New Testament

RELI V3140 Early Christianity

Women's and Gender Studies

WMST W4300 Advanced Topics in Women's and Gender Studies

COURSES OF RELATED INTEREST

Art History and Archaeology

AHIS V3248 Greek Art and Architecture

Classics

GREK V1101 Elementary Greek I

LATN V1101 Elementary Latin I

GREK V1102 Elementary Greek II

LATN V1102 Elementary Latin II

LATN V1120 Preparation for Intermediate Latin

GREK V1121 Intensive Elementary Greek

GREK V1201 Intermediate Greek I

LATN V1121 Intensive Elementary Latin

LATN V1201 Intermediate Latin I

LATN V1202 Intermediate Latin II

CLLT V3132 Classical Myth

CLCV W4110 Gender and Sexuality In Ancient Greece

History

HIST W4024 The Golden Age of Athens

Philosophy

ANTHROPOLOGY

Departmental Office: 452 Schermerhorn; 212-854-4552
<http://www.columbia.edu/cu/anthropology>

Director of Undergraduate Studies: Prof. Audra Simpson, 857 Schermerhorn Extension; 212-854-5901;
as3575@columbia.edu

Departmental Consultants:

Archaeology: Prof. Zoë Crossland, 965 Schermerhorn;
 212-854-7465; zc2149@columbia.edu

Biological/Physical Anthropology: Prof. Ralph Holloway, 856 Schermerhorn; 212-854-4570; rlh2@columbia.edu

Departmental Administrator: Esperanza Soriano, 452 Schermerhorn; 212-854-4552; ecs2@columbia.edu

Undergraduate Secretary: Marilyn Astwood, 452 Schermerhorn; 212-854-4552; mp20@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 informed 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 in 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; 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 and 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; 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; 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.

HONORS THESIS

Anthropology majors with a minimum grade point average of 3.6 in the major who wish to write an honors thesis for departmental honors consideration may enroll in ANTH V3999 The Senior Thesis Seminar in Anthropology. Students should have a preliminary concept for their thesis prior to course enrollment. Normally no more than 10% of the graduating majors each year may receive departmental honors.

FACULTY

PROFESSORS

- Nadia Abu El-Haj (Barnard)
- Lila Abu-Lughod
- Partha Chatterjee
- Myron L. Cohen
- Terence D'Altroy
- E. Valentine Daniel
- Steven Gregory
- Ralph L. Holloway
- Claudio Lomnitz
- Mahmood Mamdani
- Brinkley Messick
- Rosalind Morris
- Elizabeth Povinelli
- Nan Rothschild (Barnard, *emerita*)
- David Scott
- Lesley A. Sharp (Barnard)
- Michael Taussig
- Paige West (Barnard)

ASSOCIATE PROFESSORS

- Elaine Combs-Schilling
- Marilyn Ivy
- Brian Larkin (Barnard)
- John Pemberton

ASSISTANT PROFESSORS

- Zoe Crossland
- Catherine Fennell
- Severin Fowles
- Hlonipha Mokoena
- Stephen K. Scott (Barnard)
- Audra Simpson
- Maxine Weisgrau (Barnard)

LECTURERS

- Brian Boyd
- Ellen Marakowitz
- Karen Seeley

ADJUNCT RESEARCH SCHOLAR

- Laurel Kendall

REQUIREMENTS

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 program of study should be planned as early as possible in consultation with the director of undergraduate studies and/or department consultants. A minimum of 30 points in the Department of Anthropology and 6 points of related courses taken in other departments are required as follows:

Sociocultural Focus

ANTH V1002 The Interpretation of Culture

ANTH V2004 Introduction to Social and Cultural Theory

ANTH V2005 The Ethnographic Imagination

Two courses (from within anthropology or from another department) that focus on a particular culture, nation, or literature

Additional courses (from within anthropology or from another department) to meet the required minimum points for the major

Archaeology Focus

ANTH V1002 The Interpretation of Culture

ANTH V2004 Introduction to Social and Cultural Theory

ACLG V2028 Pasts, Presents & Futures: An Introduction to 21st Century Archaeology

Two courses (from within anthropology or from another department) that focus on a particular culture, nation, or literature

Additional courses (from within anthropology or from another department) to meet the required minimum points for the major

NOTE: Students wishing to pursue an interdisciplinary major in archaeology should see the *Archaeology* section of this Bulletin.

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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 (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/ecology-evolution-environmental-biology>) .

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 (<http://bulletin.columbia.edu/archive/2014-15/general-studies/undergraduates/majors-concentrations/ecology-evolution-environmental-biology>) .

CONCENTRATION IN ANTHROPOLOGY

A minimum of 20 points in the Department of Anthropology are required as follows:

Sociocultural Focus

ANTH V1002 The Interpretation of Culture

Additional courses (from within anthropology or from another department) to meet the required minimum points for the concentration

Archaeology Focus

ACLG V2028 Past, Presents & Futures: An Introduction to 21st Century Archaeology

Additional courses (from within anthropology or from another department) to meet the required minimum points for the concentration

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 (<http://bulletin.columbia.edu/>

[archive/2014-15/columbia-college/departments-instruction/ecology-evolution-environmental-biology](http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/ecology-evolution-environmental-biology)) .

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 (<http://bulletin.columbia.edu/archive/2014-15/general-studies/undergraduates/majors-concentrations/ecology-evolution-environmental-biology>) .

COURSES

FALL 2014

SOCIOCULTURAL

ANTH V1002 The Interpretation of Culture. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

The anthropological approach to the study of culture and human society. Using case studies from ethnography, the course explores the universality of cultural categories (social organization, economy, law, belief system, art, etc.) and the range of variation among human societies.

Fall 2014: ANTH V1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 1002	001/04478	M W 11:40am - 12:55pm 304 Barnard Hall	Sarah Muir	3	85/150
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Spring 2015: ANTH V1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 1002	001/88597	M W 1:10pm - 2:25pm 614 Schermerhorn Hall	Catherine Fennell	3	89/120
ANTH 1002	002/07569	T Th 10:10am - 11:25am 323 Milbank Hall	Brian Larkin	3	27/120

ANTH V1009 Intro to Language and Culture. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

This course explores the relationship between language and other socio-cultural processes, introducing students to classical and contemporary perspectives on "language" in the field of Linguistic Anthropology. Course readings are balanced between theoretical, programmatic, and empirical, ethnographic studies. Enrollment limit is 60.

Fall 2014: ANTH V1009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 001/09332 T Th 1:10pm - 2:25pm Stephen 3 47/60
1009 328 Milbank Hall Scott

ANTH V2004 Introduction to Social and Cultural Theory. 3 points.

Discussion Section Required

Introduces students to crucial theories of society, paying particular attention to classic social theory of the late 19th and 20th centuries. Traces a trajectory through writings essential for an understanding of the social: from Saussure, Durkheim, Mauss, Marx, Freud, and Weber, on to the structuralist ethnographic elaboration of Claude Levi-Strauss, the historiographic reflections on modernity of Michel Foucault, and contemporary modes of socio-cultural analysis. Explored are questions of signification at the heart of anthropological inquiry, and to the historical contexts informing these questions.

Fall 2014: ANTH V2004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2004	001/62145	M W 1:10pm - 2:25pm 602 Hamilton Hall	John Pemberton	3	68

ANTH V2008 Film and Culture. 3 points.

The class explores the intersection of aesthetics and ethnography in contemporary nonfiction filmmaking. Course readings address the blurring of boundaries between filmic genres and the multiplicity of relationships they establish between the "pro-filmic" and the filmic; the ethics as well as the epistemology of visual and auditory representations and the relationships that are put into play between films' subjects, their makers, and their audiences in a variety of cultural contexts; the social life of images; and the relationship between anthropological knowledge and various documentary modalities.

Fall 2014: ANTH V2008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2008	001/18523	T 6:10pm - 9:00pm 702 Hamilton Hall	Margaret McLagan	3	34/100

ANTH V2015 Chinese Society and Culture (formerly ANTH V3015). 3 points.

Social organization and social change in China from late imperial times to the present. Major topics include family, kinship, community, stratification, and the relationships between the state and local society.

Fall 2014: ANTH V2015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2015	001/14969	M W 2:40pm - 3:55pm 607 Hamilton Hall	Myron Cohen	3	8

ANTH V3040 Anthropological Theory I. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).
Enrollment limited to 30.

Prerequisites: Required of all Barnard Anthropology majors; open to other students with instructor's permission only. * To be taken in conjunction with ANTH V3041, preferably in sequence.

First of a two semester sequence intended to introduce departmental majors to key readings in social theory that have been constitutive of the rise and contemporary practice of modern anthropology. The goal is to understand historical and current intellectual debates within the discipline.

Fall 2014: ANTH V3040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3040	001/09257	T Th 10:10am - 11:25am 324 Milbank Hall	Sarah Muir	4	20/30

ANTH V3120 Historical Rituals in Latin America. 3 points.

Enrollment limited to 60.

Prerequisites: undergraduate majors.

Anthropologists and historians of literacy and communication have emphasized the reliance on multivocal imagery in the organization of social and political life in Latin America. Historically, the salient role of image and of ritual in political ritual was fed by the chasm between literate and illiterate segments of the population. During the twentieth century, however, the rise of mass politics on one hand, and television and other visual media on the other, gave a new lease on the vibrant relevance of historical ritual and myth in local political life. This course explores the role of religious and secular ritual and myth in framing historical processes. It makes special emphasis on the use of Catholic ritual, imagery, and mythology in the European conquest and colonization of the continent; and in revolution, nationbuilding, civic life, and sexual politics, since the 19th century.

Fall 2014: ANTH V3120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3120	001/15375	T Th 10:10am - 11:25am 707 Hamilton Hall	Claudio Lomnitz	3	3/60

ANTH V3126 Imagining the City. 3 points.

This course explores the various ways in which cities are planned, represented, and navigated; and interrogates collectively imagined forms of social life and social order as they are reflected in urban design. By pairing fiction films and documentaries with readings from anthropology, sociology, history, and literary criticism, we will discuss the role of

planning, speculation, technology, and nostalgia in defining and conceptualizing the city.

Fall 2014: ANTH V3126

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3126	001/10823	T Th 11:40am - 12:55pm 517 Hamilton Hall	Gokce Gunel	3	14

ANTH V3721 Spatial Analysis in Archaeology. 4 points.

Enrollment limited to 15.

This is an advanced course in spatial modeling developed specifically for Anthropology students, particularly those pursuing a degree through the inter-departmental Archaeology 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 its application within archaeology. The course will also offer students the opportunity to design, build and evaluate their own spatial analyses. We will draw from a wide range of examples, including trade and exchange networks in Greece, placement of shrines and homes in the pre-Hispanic American Southwest, and the imposition of power within sacred spaces at Angkor Wat in Cambodia. The course will consist of lectures, reading assignments, lab assignments, and a final project. Priority given to senior and juniors.

Fall 2014: ANTH V3721

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3721	001/60822	T 2:10pm - 4:00pm 252 Engineering Terrace	Matthew Sanger	4	7/15

ANTH V3810 Madagascar. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., Discussion Section Required, BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: Sophomore standing. Enrollment limited to 15. Instructor's permission required. Anthropology, African Studies, and Francophone Studies students encouraged to enroll.

Critiques the many ways the great Red Island has been described and imagined by explorers, colonists, social scientists, and historians - as an Asian-African amalgamation, an ecological paradise, and a microcosm of the Indian Ocean. Religious diasporas, mercantilism, colonization, enslavement, and race and nation define key categories of comparative analysis.

Fall 2014: ANTH V3810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 3810	001/05459	W 12:10pm - 2:00pm 227 Milbank Hall	Lesley Sharp	4	5/15
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ANTH V3821 Native America (formerly V3090). 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 40.

This is an undergraduate seminar that takes up primary and secondary sources and reflections to: a) provide students with an historical overview of Native American issues and representational practices, b) provide students with an understanding of the ways in which land expropriation and concomitant military and legal struggle have formed the core of Native-State relations and are themselves central to American and Native American history and culture, and c) provide students with an understanding of Native representational practices, political subjectivity, and aspiration.

Fall 2014: ANTH V3821

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3821	001/68567	T 2:10pm - 4:00pm 603 Hamilton Hall	Audra Simpson	4	32/40

ANTH V3826 Brain Science: A Social History. 4 points.

Enrollment limited to 20.

Corequisites: Open to Juniors and Seniors only.

In light of the current ascendancy of neuroscience, including new federally funded initiatives to map the human brain, this course explores the social history of brain science from the mid-19th century to the present. This period saw the invention of an array of cerebral technologies designed to explain the brain's operations, measure its capacities, manipulate its contents, calm its agitations, and better its performance. In this course, we will examine the historical and political contexts in which such technologies, including psychoanalysis, psychosurgery, brainwashing, and psychopharmaceuticals, were created. At the same time, we will consider the medical doctors, psychologists, and military personnel who endorsed and deployed them to achieve various social, political, and therapeutic ends. Through readings of period scientific texts, contemporary scientific research, personal memoirs, and novels, we will analyze the connections between emergent cerebral technologies and dominant philosophies of consciousness, notions of mind and soul, and theories of intelligence. In addition, we will look at the construction of the neurological patient through the lenses of culture, race, and gender. Finally, we will consider recent cerebral technologies that produce images of the brain. Throughout the course, we investigate persisting and urgent interests in knowing the mind, enhancing mental functioning, and managing problem brains.

Fall 2014: ANTH V3826

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 001/66293 T 9:00am - 10:50am Karen 4 5/20
3826 467 Schermerhorn Hall Seeley

ANTH V3861 Anthropology of the Anthropocene. 4 points.

Enrollment limited to 20. Priority given to majors in Anthropology.

This course focuses on the political ecology of the Anthropocene. As multiple publics become increasingly aware of the extensive and accelerated rate of current global environmental change, and the presence of anthropogenesis in ever expanding circumstances, we need to critically analyze the categories of thought and action being developed in order to carefully approach this change. Our concern is thus not so much the Anthropocene as an immutable fact, inevitable event, or definitive period of time (significant though these are), but rather for the political, social, and intellectual consequences of this important idea. Thus we seek to understand the creativity of "The Anthropocene" as a political, rhetorical, and social category. We also aim to examine the networks of capital and power that have given rise to the current state of planetary change, the strategies for ameliorating those changes, and how these are simultaneously implicated in the rhetorical creation of "The Anthropocene".

Fall 2014: ANTH V3861

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3861	001/08283	W 2:10pm - 4:00pm 222 Milbank Hall	Paige West	4	13/15

ANTH V3872 From Physics Labs to Oil Futures: Social Studies of Energy. 4 points.

Enrollment limited to 15.

How did whale oil become replaced by fossil fuels? What were the turning points in implementing electricity networks within urban centers? What is the role of markets and industries when producing such new energy infrastructures? This interdisciplinary course will trace ideas of energy in anthropology, science and technology studies, literary studies, and environmental history, and investigate how energy production and consumption affects social life.

Fall 2014: ANTH V3872

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3872	001/24816	T 2:10pm - 4:00pm A-36 Union Theological Seminary	Gokce Gunel	4	8/15

ANTH V3873 Language and Politics. 4 points.

Language is central to political process. While all agree that language is used to symbolize or express political action, the main focus of this course is on how language and other communicative practices contribute to the creation of political stances, events, and forms of order. Topics addressed include

political rhetoric and ritual; political communication and publics; discrimination and hierarchy; language and the legitimization of authority; as well as the role of language in nationalism, state formation, and in other sociopolitical movements, like feminism and diasporic communities. Since this course has the good fortune of coinciding with the 2012 U.S. Presidential election, we will make significant use of campaign rhetorics as a means of illustrating and exploring various themes.

Fall 2014: ANTH V3873

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3873	001/04318	M 2:10pm - 4:00pm 308 Diana Center	Stephen Scott	4	19/25

ANTH V3921 Anticolonialism. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Enrollment limited to 20.

Through a careful exploration of the argument and style of five vivid anticolonial texts, Mahatma Gandhi's *Hind Swaraj*, C.L.R. James' *The Black Jacobins*, Aimé Césaire's *Discourse on Colonialism*, Albert Memmi's *Colonizer and Colonized*, and Frantz Fanon's *The Wretched of the Earth*, this course aims to inquire into the construction of the image of colonialism and its projected aftermaths established in anti-colonial discourse.

Fall 2014: ANTH V3921

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3921	001/61981	M 11:00am - 12:50pm 467 Schermerhorn Hall	David Scott	4	17/20

ANTH V3926 Rewriting Modernity: Transculturation and the Postcolonial Intellectual. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

This course is an examination of how postcolonial intellectuals have participated in the creation and contesting of alternative/ multiple/ 'fugitive' modernities.

Fall 2014: ANTH V3926

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3926	001/22945	Th 2:10pm - 4:00pm 963 Schermerhorn Hall	Hlonipha Mokoena	4	13/20

ANTH V3933 Arabia Imagined. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores Arabia as a global phenomenon. It is organized around primary texts read in English translation. The site of the revelation of the Quran and the location of

the sacred precincts of Islam, Arabia is the destination of pilgrimage and the direction of prayer for Muslims worldwide. It also is the locus of cultural expression ranging from the literature of the 1001 Nights to the broadcasts of Al Jazeera. We begin with themes of contemporary youth culture and political movements associated with the Arab Spring. Seminar paper.

Fall 2014: ANTH V3933

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3933	001/27735	T 2:10pm - 4:00pm 103 Knox Hall	Brinkley Messick	4	33

ANTH V3939 The Anime Effect: Media and Technoculture in Japan. 4 points.

Prerequisites: the instructor's permission
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.

Fall 2014: ANTH V3939

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3939	001/87448	T 12:10pm - 2:00pm 467 Schermerhorn Hall	Marilyn Ivy	4	11

ANTH V3949 Sorcery and Magic. 4 points.

Enrollment limited to 20.

Prerequisites: the instructor's permission.
In considering philosophical, aesthetic, and political aspects of sorcery in contemporary and historical settings, the course also considers the implications of postmodernism for anthropological theorizing as itself a form of sorcery.

Fall 2014: ANTH V3949

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3949	001/72843	W 2:10pm - 4:00pm 467 Schermerhorn Hall	Michael Taussig	4	18/32

ANTH V3980 Nationalism. 4 points.

Prerequisites: the instructor's permission. Intended for seniors, but not necessarily anthropology majors.
This course will cover the basic readings in the contemporary debate over nationalism. It will cover different disciplinary approaches and especially look at recent studies of nationalism in the formerly colonial world as well as in the industrial West. The readings will offer a mix of both theoretical and empirical studies. The readings include the following: 1) Eric Hobsbawm's *Nationalism since 1780*; 2) Ernest Gillner's *Nations and Nationalism*; 3) Benedict Anderson's *Imagined Communities*; 4) Anthony Smith's *The Ethnic*

Origins of Nations; 5) Linda Coley's *Britons*; 6) Peter Sahlin's *Boundaries*; and 7) Partha Chatterjee's *The Nation and Its Fragments*.

Fall 2014: ANTH V3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3980	001/64289	T 2:10pm - 4:00pm 401 Hamilton Hall	Partha Chatterjee	4	16

ANTH V3989 Introduction to Urban Anthropology. 4 points.

Enrollment limited to 25.

This seminar is an introduction to the theory and methods that have been developed by anthropologists to study contemporary cities and urban cultures. Although anthropology has historically focused on the study of non-Western and largely rural societies, since the 1960s, anthropologists have increasingly directed attention to cities and urban cultures. During the course of the semester, we will examine such topics as: the politics of urban planning, development and land use; race, class, gender and urban inequality; urban migration and transnational communities; the symbolic economies of urban space; and street life. Readings will include the works of Jane Jacobs, Sharon Zukin, and Henri Lefebvre.

Fall 2014: ANTH V3989

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3989	001/16798	T 2:10pm - 4:00pm 301m Fayerweather	Steven Gregory	4	11/20

ARCHAEOLOGY

ANTH V1007 The Origins of Human Society. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Examines the grand sweep of human development from our first bipedal steps some six million years ago, to the earliest evidence of art and symbolism, and on to the emergence of the first agricultural villages. Given the immensity of time under consideration, emphasis is placed on those heightened periods of change commonly described as "revolutions". Participants will become familiar with the fossil and/or archaeological records or those revolutions and the competing theories of why they occurred.

Fall 2014: ANTH V1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ANTH 001/62549 T Th 1:10pm - 2:25pm Adam 3 48/60
1007 405 Milbank Hall Watson

ANTH V3064 Death and the Body. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

This class explores the ways in which archaeologists use the dead body to explore past beliefs and social practices, critically assessing these approaches from the broader perspective of anthropological and sociological theories of the body's production and constitution. We'll look at the ways in which social status, gender, and personhood are expressed through the dead body and through practices of body modification and display. In this context, we'll also consider the social relations of archaeological exhumation, the conflict that can arise over the excavation of human remains, and their treatment as courtroom evidence in forensic archaeology.

Fall 2014: ANTH V3064

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3064	001/11355	T Th 10:10am - 11:25am 717 Hamilton Hall	Zoe Crossland	3	36/70

ANTH V3922 The Emergence of State. 4 points.

The creation of the earliest states out of simpler societies was a momentous change in human history. This course examines major theories proposed to account for that process, including population pressure, warfare, urbanism, class conflict, technological innovation, resource management, political conflict and cooperation, economic specialization and exchange, religion/ideology, and information processing.

Fall 2014: ANTH V3922

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3922	001/65562	M 10:10am - 12:00pm 951 Schermerhorn Hall	Terence D'Altroy	4	3/25

PHYSICAL ANTHROPOLOGY

ANTH V3970 Biological Basis of Human Variation. 4 points.

Enrollment limited to 15.

Prerequisites: ANEB V1010 and the instructor's permission. Biological evidence for the modern human diversity at the molecular, phenotypical, and behavioral levels, as distributed geographically.

Fall 2014: ANTH V3970

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3970	001/64024	Th 4:10pm - 6:00pm 467 Schermerhorn Hall	Ralph Holloway	4	4/12

ANTH G4147 Human Skeletal Biology I. 3 points.

Enrollment limited to 12.

Prerequisites: the instructor's permission.

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.

Fall 2014: ANTH G4147

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4147	001/22615	W 12:10pm - 2:00pm 865 Schermerhorn Hall	Ralph Holloway	3	11/12

SPRING 2015 SOCIOCULTURAL

ANTH V1002 The Interpretation of Culture. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

The anthropological approach to the study of culture and human society. Using case studies from ethnography, the course explores the universality of cultural categories (social organization, economy, law, belief system, art, etc.) and the range of variation among human societies.

Fall 2014: ANTH V1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/04478	M W 11:40am - 12:55pm 304 Barnard Hall	Sarah Muir	3	85/150

Spring 2015: ANTH V1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1002	001/88597	M W 1:10pm - 2:25pm 614 Schermerhorn Hall	Catherine Fennell	3	89/120
ANTH 1002	002/07569	T Th 10:10am - 11:25am 323 Milbank Hall	Brian Larkin	3	27/120

ANTH V1130 Africa and the Anthropologist. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 80.

Susan Sontag famously wrote that, "Most serious thought in our time struggles with the feeling of homelessness". This course examines some of the classic texts that have been written about Africa as a place of "homelessness" or the place in which to search for "the self in others". The course is in two parts - the first part consists of theoretical readings on the history, uses, and abuses of anthropology

as a discipline. The second part consists of texts written by African anthropologists. Rather than focus on concepts like kinship, marriage, the gift, etc., this course attempts to provide an intellectual history of the discipline and its relationship to Africa. The "kinship" links that are examined are, therefore, between ideas, authors, locales, and the particular space of southern Africa as a site of ethnographic and anthropological imaginings.

Spring 2015: ANTH V1130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1130	001/72826	M W 2:40pm - 3:55pm 602 Hamilton Hall	Hlonipha Mokoena	3	74/80

ANTH V1200 The Anthropology of Sexuality. 3 points.

This course offers a broad overview of the social, cultural, political, and economic dimensions of sexuality. It focuses on the rapid transformations that are taking place globally in the early 21st century, and on the impact that these transformations have had on sexuality. The relationships between men, women and children are changing quickly, as are traditional family structures and gender norms. What were once viewed as private matters have become public, and an array of new social movements (transgender, intersex, sex worker, people living with HIV) have come into the open. Sexuality has become a focus for public debate and political action in important new ways that will be examined in detail in this course.

Spring 2015: ANTH V1200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1200	001/23435	M W 11:40am - 12:55pm 703 Hamilton Hall	Carole Vance	3	32/36

ANTH V2005 The Ethnographic Imagination. 3 points.

Discussion Section Required

Introduction to the theory and practice of ethnography, the intensive study of peoples' lives as shaped by social relations, cultural images, and historical forces. The course consists of critical reading of various kinds of texts (classic ethnographies, histories, journalism, novels, and films) and of the ways in which understanding, interpreting, and representing the lived words of people, at home or abroad, in one place or transnationally, and in the past or the present, can be accomplished.

Spring 2015: ANTH V2005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2005	001/17107	M W 11:40am - 12:55pm 209 Havemeyer Hall	Rosalind Morris	3	41

ANTH V2009 Culture through Film and Media. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

This course will examine the intersections of film and anthropology. We will focus on the use of film within anthropology and turn the telescope around to propose a fragmentary anthropology of film. We will query histories and theories of film as they overlap with various understandings of anthropology, interrogating such historically problematic notions as "primitive" and "classic", and "document" and "narrative." We will examine ethnographic and documentary films as they echo and collide with films seemingly outside the limits of their domains, emphasizing close analysis and detailed comparisons of our objects both in film and in language.

Spring 2015: ANTH V2009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 2009	001/29352	W 7:30pm - 10:30pm 614 Schermerhorn Hall	Keith Sanborn	3	26/115

ANTH V3008 Maximum Cinemas: Indian and Nigerian Film Cultures. 3 points.

Hindi cinema represents one of the oldest and most dynamic forms of popular cinema whose popularity has spread far beyond India itself into countries from Senegal to Korea. Nigerian cinema, or Nollywood, represents one of the newest. In little more than a decade, it has spread all over Africa and, increasingly, into the Caribbean and Black diaspora.

Spring 2015: ANTH V3008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3008	001/08891	T 6:10pm - 10:00pm 328 Milbank Hall	Brian Larkin	3	34

ANTH V3035 Religion in Chinese Society. 3 points.

Chinese popular religion and ritual during the late traditional period and in modern times. Popular beliefs and practices concerning the cosmos, the gods, and the ancestors; the role in popular religion of Buddhism, Taoism, and the Imperial State Cult; popular religion, social change, and the modern assault on "superstition."

Spring 2015: ANTH V3035

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3035	001/74533	M W 2:40pm - 3:55pm 652 Schermerhorn Hall	Myron Cohen	3	13

ANTH V3041 Anthropological Theory II. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Enrollment limited to 40.

Prerequisites: Required of all Barnard Anthropology majors; open to other students with instructor's permission only. The second of a two semester sequence intended to introduce departmental majors to key readings in social theory that have been constitutive of the rise and contemporary practice of modern anthropology. The goal is to understand historical and current intellectual debates within the discipline. To be taken in conjunction with ANTH V3040, preferably in sequence.

Spring 2015: ANTH V3041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3041	001/05821	T Th 1:10pm - 2:25pm L1104 Diana Center	Nadia Abu El-Haj	4	24/40

ANTH V3465 Women and Gender Politics in the Muslim World. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Practices like veiling that are central to Western images of women and Islam are also contested issues throughout the Muslim world. Examines debates about Islam and gender and explores the interplay of cultural, political, and economic factors in shaping women's lives in the Muslim world, from the Middle East to Southeast Asia.

Spring 2015: ANTH V3465

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3465	001/16124	T Th 2:40pm - 3:55pm 702 Hamilton Hall	Nadia Guessous	3	40/62

ANTH V3717 Laboratory Lives: Scientific Space, Selves, and Subjects. 4 points.

Enrollment limited to 15. Upper-level undergraduates have priority.

Scientific laboratories have become important sites for making knowledge about the world, and as such, for remaking the world. But what are scientific laboratories? This course examines the laboratory anthropologically through key ethnographic, historical, and theoretical readings that explore the distinct spaces, selves, and subjects that make up "laboratory life".

Spring 2015: ANTH V3717

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3717	001/03456	M 2:10pm - 4:00pm 303 Altschul Hall	Stephen Scott	4	4/15

ANTH V3829 Absent Bodies. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: Enrollment limited to 15, instructor's permission required.

Human experience is replete across cultural and historic contexts with examples where the traces of bodies—and associated persons—are absent, invisible, and erased, yet where knowledge or memories of their presence prove inescapable, too. An overarching theme that guides this class is the inextricable relationship between *presence and absence*. We will track the significance of absent bodies under a range of circumstances, including their ghostly presence in memorial contexts, their involvement in such shadow economies as birth surrogacy and organ donation, their surgical realignment, and longstanding industrial efforts to replace bodies with robots and other machinery. Readings are interdisciplinary, including selections from anthropology, war and labor histories, and dystopic science fiction.

Spring 2015: ANTH V3829

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3829	001/02229	T 10:10am - 12:00pm 306 Milbank Hall	Lesley Sharp	4	8/15

ANTH V3842 The Semiotics of Crisis. 4 points.

Enrollment limit is 15 and preference given to anthropology majors.

What do we mean when we say something is "in crisis"? How do we recognize crisis and what are the consequences of that recognition? We will approach these questions by revisiting and reclaiming several key texts from within and beyond anthropology on the intertwined problems of crisis and social reproduction

Spring 2015: ANTH V3842

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3842	001/09277	T 9:00am - 10:50am 318 Milbank Hall	Sarah Muir	4	7/15

ANTH V3854 The Anthropology of Corruption. 4 points.

Enrollment limit is 15. Priority given to anthropology majors.

What is corruption? Is it—as we are prone to suspect—detrimental to social equality, political participation, and economic growth? Through texts on the anthropology of liberalism, exchange, post-colonialism, and witchcraft, this seminar will develop a critical perspective on corruption that both problematizes and takes these intuitive claims seriously.

Spring 2015: ANTH V3854

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3854	001/02984	T 4:10pm - 6:00pm 403 Barnard Hall	Sarah Muir	4	12/15

ANTH V3856 Value, Debt, and Risk: Topics in the Anthropology of Finance. 4 points.

Enrollment limit is 15 and preference given to anthropology majors.

This seminar will construct a dual perspective on the intersection between culture and finance: On the one hand, we will examine finance as a culturally constituted social field; on the other, we will trace the far-reaching sociocultural consequences of financial concepts, practices, and discourses. The course is composed of two thematic parts: Money, Gifts, and Regimes of Value; and The Productivity of Risk and Crisis

Spring 2015: ANTH V3856

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3856	001/01805	T 2:10pm - 4:00pm 222 Milbank Hall	Sarah Muir	4	8/15

ANTH V3880 Listening: An Ethnography of Sound. 4 points.

Prerequisites: the instructor's permission.

This course explores the possibilities of an ethnography of sound by attending to a range of listening encounters: in urban soundscapes of the city and in natural soundscapes of acoustic ecology; from histories of audible pasts and resonances of auditory cultural spaces; through repeated listenings in the age of electronic reproduction and at the limits of listening with experimental music. Sound, noise, voice, reverberation, and silence, from von Helmholtz to John Cage and beyond: the course turns away from the screen and dominant epistemologies of the visual, for an extended moment, in pursuit of sonorous objects and cultural sonorities.

Spring 2015: ANTH V3880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3880	001/19415	T 2:10pm - 4:00pm 467 Schermerhorn Hall	John Pemberton	4	17

ANTH V3887 The Anthropology of Palestine. 4 points.

Enrollment limited to 20.

This course examines the relationship between different forms of knowledge about Palestinians and the political and social history of the region. It explores the complex interplay of state, ethnicity, gender, sexuality and class at both local and global levels in constructing what Palestine is and who Palestinians are. The course takes up diverse areas, from graphic novels to archaeological sites, from news reporting to hiking trails, to study how Palestine is created and recreated. Students will gain a familiarity with anthropological concepts and methodological approaches to Palestine. They will become familiar with aspects of the social organization, historical developments, and political events that have shaped the region

over the last century. The course is also intended to develop students' skills in written and oral communication, analysis, ethnographic observation, and critical thinking.

Spring 2015: ANTH V3887

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3887	001/62048	W 2:10pm - 4:00pm 406 Barnard Hall	Rhoda Kanaaneh	4	19/20

ANTH V3888 Ecocriticism for the End Times. 4 points.

Prerequisites: the instructor's 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 Žižek's 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 professor's 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.

Spring 2015: ANTH V3888

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3888	001/64785	W 2:10pm - 4:00pm 467 Schermerhorn Hall	Marilyn Ivy	4	10

ANTH V3908 Global Economy In Anthropological Perspective. 4 points.

Enrollment limited to 25.

This course focuses on how anthropologists theorize and study globalization. We will explore contemporary theories and methods, as well as trace historical trajectories in anthropological engagement with regional trade, production, and labor systems. Many of the questions about globalization revolve around cultural confrontations and social, political and economic transformations. Observers of these processes in multiple disciplines attempt to answer similar questions. How trade systems transformed production and labor in participating areas in other periods of history? How is identity reconfigured and manipulated in contemporary globalization? How are forms of identity commoditized and marketed in global transactions? What forms of resistance to globalization have emerged, where, and why? How do

issues of race, gender, class, ethnicity, and religion intersect in global labor settings? How are sexualities, bodies and body parts implicated in global economies of consumption? The anthropological encounter with these complex issues invokes particular theories and methodologies. Fieldwork, longitudinal engagement with issues and locations, multi-sited studies, and following commodity chains are some of the current methods used to uncover the voices and perspectives various actors bring to encounters. Selected ethnographies, case studies, fiction and other forms of media all explore the lived experience of globalized work, travel, and technological encounters at various sites of interaction.

Spring 2015: ANTH V3908

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3908	001/70336	T 2:10pm - 4:00pm 401 Hamilton Hall	Steven Gregory	4	12/25

ANTH V3971 Environment and Cultural Behavior. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: Enrollment limited to 20 students. Examines human understandings and transformations of nature, drawing on theories of the relationship between nature and culture and the social production and construction of nature. Analyzes contemporary environmental use, conservation projects, and environmentally focused ethnographic writing. Demonstrates the relationship between nature ideologies and productions, and the social, economic, and environmental politics they engender.

Spring 2015: ANTH V3971

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3971	001/03746	M 11:00am - 12:50pm 203 Diana Center	Paige West	4	9/15

ANTH V3977 Trauma. 4 points.

Enrollment limited to 20.

Prerequisites: the instructor's permission. Investing trauma from interdisciplinary perspectives, the course explores connections between the interpersonal, social, and political events that precipitate traumatic reactions and their individual and collective ramifications. After examining the consequences of political repression and violence, the spread of trauma within and across communities, the making of memories and flashbacks, and the role of public testimony and psychotherapy in alleviating traumatic reactions.

Spring 2015: ANTH V3977

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3977	001/19357	T 9:00am - 10:50am 963 Ext Schermerhorn Hall	Karen Seeley	4	16/20

ANTH V3983 Ideas and Society in the Caribbean. 4 points.

Enrollment limited to 20.

Focusing on the Anglo-Creole Caribbean, this course examines some aspects of popular culture, literary expression, political change, and intellectual movements over the past thirty years.

Spring 2015: ANTH V3983

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3983	001/77545	T 11:00am - 12:50pm 963 Ext Schermerhorn Hall	David Scott	4	9/20

ANTH V3999 The Senior Thesis Seminar in Anthropology. 4 points.

Prerequisites: the instructor's permission via email at mec3@columbia.edu.

Students interested in the two semester senior thesis course in anthropology should attend the first session of the seminar to discuss the possibility of joining the course. Students must have at least a 3.6 GPA in the major and a preliminary project concept in order to become a part of the seminar. Professor Elaine Combs-Schilling and Teaching Associate Manuel Schwab jointly teach this advanced seminar. Each student's 2 semester project takes place over the fall and spring and is intended to result in a project that will culminate in a 40-50 page thesis in consultation with professors and advisors. An "in progress mark" will be allocated at the end of the fall semester for those students remaining in the senior thesis course. The final grade for the fall-spring academic year must be completed before a qualitative grade is assigned. The grade allocated at the end of the second term will become the grade for the entire course.

Fall 2014: ANTH V3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/24208	F 2:10pm - 4:00pm 963 Schermerhorn Hall	M Combs-Schilling	4	10/17

Spring 2015: ANTH V3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3999	001/16018	F 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	M Combs-Schilling	4	7/17

ARCHAEOLOGY

ANTH V1008 The Rise of Civilization. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Rise of major civilizations 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, Mesoamerica, and Andean South America.

Spring 2015: ANTH V1008

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 1008	001/15240	M W 10:10am - 11:25am 501 Schermerhorn Hall	Terence D'Altroy	3	115/150

ANTH V3300 Pre-Columbian Histories of Native America. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 40.

This course explores 10,000 years of the North American archaeological record, bringing to light the unwritten histories of Native Americans prior to European contact. Detailed consideration of major pre-Columbian sites is interwoven with the insight of contemporary native peoples to provide both a scientific and humanist reconstruction of the past.

Spring 2015: ANTH V3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3300	001/09444	T Th 10:10am - 11:25am 302 Barnard Hall	Adam Watson	3	36/40

ANTH V3714 Zooarchaeology Method and Theory. 4 points.

Enrollment limited to 12.

As the first course in zooarchaeology offered in several years, this offering constitutes a major methodological addition to Columbia's Anthropology curriculum and the interdisciplinary "Archaeology Program." The course emphasizes laboratory methods, such as skeletal anatomy, comparative morphology, and metrical analysis, and will examine archaeological case studies from Old World and New World archaeology that underscore the value of zooarchaeology as an essential line of inquiry within the field. By providing students with a greater depth of understanding of this fundamental archaeological research method, the course complements other courses that address world archaeology, societal development, and general laboratory methods.

Spring 2015: ANTH V3714

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3714	001/04399	M 2:10pm - 4:00pm 954 Ext Schermerhorn Hall	Adam Watson	4	7/12

ANTH V3993 World Archaeologies/Global Perspectives. 4 points.

Enrollment limited to 15. Instructor's permission is required.

Prerequisites: At least one of the following: ANTH V1007, ANTH V1008, or ACLG V2028.

This capstone seminar explores global archaeology from a postcolonial perspective. In 2015, we will address key theoretical issues through the consideration of specific case studies in Europe, Africa and the Middle East, and how these impinge upon the politics and practice of archaeology elsewhere in the world. The seminar has a particular focus on questions of ethics, heritage, and indigenous perspectives in the practice of archaeology. It fulfills the major seminar requirement for the archaeology major.

Spring 2015: ANTH V3993

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3993	001/29336	T 2:10pm - 4:00pm 963 Ext Schermerhorn Hall	Brian Boyd	4	7/15

PHYSICAL ANTHROPOLOGY

ANTH W4002 Controversial Topics in Human Evolution. 3 points.

Enrollment limited to 10.

Prerequisites: an introductory biological/physical anthropology course and the instructor's permission.

Controversial issues that exist in current biological/physical anthropology, and controversies surrounding the descriptions and theories about particular fossil hominid discoveries, such as the earliest australopithecines, the diversity of *Homo erectus*, the extinction of the Neandertals, and the evolution of culture, language, and human cognition.

ANTH G4148 Human Skeletal Biology II. 3 points.

Enrollment limited to 12.

Prerequisites: the instructor's permission.

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 2015: ANTH G4148

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 4148	001/66515	W 12:10pm - 2:00pm 865 Schermerhorn Hall	Ralph Holloway	3	11/12

OF RELATED INTEREST**Anthropology (Barnard)**

ANTH BC3868	Ethnographic Field Research in New York City
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Center for the Study of Ethnicity and Race

CSER W1600	Latino/a History
CSER W3904	Rumor and Racial Conflict
CSER W3924	Latin American and Latina/o Social Movements
CSER W3943	Urban Ethnography
CSER W3990	Senior Project Seminar

Ecology, Evolution, and Environmental Biology

EEEB W4700	Race: The Tangled History of a Biological Concept
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Women's and Gender Studies

WMST V1001	Introduction to Women's and Gender Studies
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ARCHAEOLOGY

The Columbia Center for Archaeology: 965 Schermerhorn Extension
<http://www.columbia.edu/cu/archaeology>

Director of Undergraduate Studies: Prof. Zoë Crossland, 965 Schermerhorn Extension; 212-854-7465; zc2149@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; 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 program advisers. Normally no more than 10% of the graduating majors in the department each year may receive departmental honors.

FACULTY PROFESSORS

- Terence D'Altroy
- Richard Fairbanks
- William V. Harris
- Stephen Murray
- Esther Pasztory (*emerita*)
- Nan Rothschild (Barnard, *emerita*)
- Marc Van De Mieroop

ASSOCIATE PROFESSORS

- Francesco de Angelis
- Zainab Bahrani
- Francesco Benelli
- Zoë Crossland
- Severin Fowles (Barnard)
- Holger Klein
- Feng Li
- Kristina Milnor (Barnard)
- Ioannis Mylonopoulos

ASSISTANT PROFESSORS

- Ellen Morris (Barnard)
- Marco Maiuro

ADJUNCT/VISITING PROFESSORS

- Brian Boyd
- Pamela Jerome
- Megan O'Neil (Barnard)
- Walter Pitman
- John Stubbs
- Adam Watson
- Norman Weiss
- George Wheeler

LECTURERS

- Clarence Gifford
- Jill Shapiro

REQUIREMENTS

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:

Introductory courses:

ACLG V2028 Pasts, Presents & Futures: An Introduction to 21st Century Archaeology

ANTH V1008 The Rise of Civilization
or ANTH V1007 The Origins of Human Society

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, or independent study in excavation or other field projects, or relevant museum internship and/or lab work. *

One laboratory course in archaeology or its equivalent in the field, as approved by the program advisers.

The capstone seminar in archaeology:

ANTH V3993 World Archaeologies/Global Perspectives **

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 continue for 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 (<http://www.columbia.edu/cu/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 W3997 Supervised Individual Research Course In Anthropology or AHIS C3997 Senior Thesis, to cover the writing of the thesis, the final draft of which must be submitted by March 25. (See the Center for Archaeology (<http://www.columbia.edu/cu/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 V1007 The Origins of Human Society

ANTH V1008 The Rise of Civilization

ACLG V2028 Pasts, Presents & Futures: An Introduction to 21st Century Archaeology

One seminar or colloquium in the Departments of Anthropology, Art History and Archaeology, Classics, or History, as approved by the program advisers.

Three upper-level courses, including at least one from two different regions of the world.

One related course, planned with the program advisers in accordance with the student's interests.

COURSES

ACLG V2028 Pasts, Presents & Futures: An Introduction to 21st Century Archaeology. 3 points.

This course provides a comprehensive introduction to archaeology. We start with a critical overview of the origins of the discipline in the 18th and 19th centuries, and then move on to consider key themes in current archaeological thinking. These include 'time and the past: what is the difference'? What are archaeological sites and how do we 'discover' them? How is the relationship between the living and the dead negotiated through archaeological practice? What are the ethical issues? How do we create narratives from archaeological evidence? Who gets written in and out of these histories? Archaeology in film and media is also covered.

Spring 2015: ACLG V2028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ACLG 2028	001/13011	T Th 11:40am - 12:55pm 603 Hamilton Hall	Zoe Crossland	3	24/70

OF RELATED INTEREST

Art History and Archaeology

AHIS V3203	The Arts of Japan
AHIS W3230	Medieval Architecture
AHIS V3248	Greek Art and Architecture
AHIS V3250	Roman Art and Architecture
AHUM V3340	Art In China, Japan, and Korea
AHUM V3342	Masterpieces of Indian Art and Architecture
AHIS W4155	Art & Archaeology of Mesopotamia

Ancient Studies

ANCS V3995	The Major Seminar
ANCS V3998	Directed Research In Ancient Studies

Anthropology

ANTH V1007	The Origins of Human Society
ANTH V1008	The Rise of Civilization
ANTH V3300	Pre-Columbian Histories of Native America
ANTH V3970	Biological Basis of Human Variation
ANTH G4147	Human Skeletal Biology I
ANTH G4200	Fossil Evidence of Human Evolution

Classics

CLCV W4110	Gender and Sexuality In Ancient Greece
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East Asian Languages and Cultures

ASCE V2359	Introduction to East Asian Civilizations: China
ASCE V2361	Introduction to East Asian Civilization: Japan
HSEA W4725	Tibetan Material History
HSEA W4869	History of Ancient China to the End of Han

Earth and Environmental Sciences

EESC V1001

EESC W3010 Field Geology

History

HIST W1004	Ancient History of Egypt
HIST W4020	Greek Invention of History
Middle Eastern, South Asian, and African Studies	
AHUM V3342	Masterpieces of Indian Art and Architecture
AHUM V3343	Masterpieces of Islamic Art and Architecture

ARCHITECTURE

500 The Diana Center
212-854-8430
212-854-8442 (fax)
architecture@barnard.edu
<https://architecture.barnard.edu/>
Department Assistant: Rachel Garcia-Grossman

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 and Columbia Colleges 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.

FACULTY

Chair: Karen Fairbanks (Professor of Professional Practice)

Professor of Professional Practice: Kadambari Baxi

Term Professors: Leah Meisterlin, Ralph Ghoche

Adjunct Professors: Joeb Moore, Madeline Schwartzman, Suzanne Stephens

Adjunct Assistant Professors: Marcelo Lopez-Dinardi, Diana Martinez, Nicole Robertson, Todd Rouhe, Irina Schneid, Don Shillingburg, Fred Tang, Irina Verona, Peter Zuspan

REQUIREMENTS

MAJOR IN ARCHITECTURE

The major in architecture requires a total of 14 courses, distributed as follows:

Studio Courses

Four studio courses, to be taken one per semester (studio courses have limited enrollment and priority is given to Architecture majors):

ARCH V3101 Architectural Representation: Abstraction

ARCH V3103 Architectural Representation: Perception

ARCH V3201 Architectural Design, I

ARCH V3202 Architectural Design, II

Required History/Theory Courses *

Five elective courses following the distribution requirement below:

ARCH V3117 Perceptions of Architecture

One course with a topic that is pre-1750

One course with a topic that is post-1750

Two electives (it is suggested that one of these be on a non-western topic)

Senior Courses *

ARCH V3901 Senior Seminar

Either a second Senior Seminar (from our program), a seminar from a related department (and related to student's disciplinary specialization/cluster), Architectural Design III, or Independent Research

Cluster of Related Courses

Three courses which together focus student interest in a related department or departments. (These may not overlap with history/theory courses or senior courses.)

Senior Requirements

Portfolio

Research Paper from Senior Seminar or Senior Course

* 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.

COURSES

ARCH V1010 Design Futures: New York City. 3 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 2014: ARCH V1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/03852	F 4:10pm - 5:25pm 203 Diana Center	Nicole Robertson	3	25
ARCH 1010	001/03852	W 4:10pm - 5:25pm 504 Diana Center	Nicole Robertson	3	25

Spring 2015: ARCH V1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1010	001/09835	W F 4:10pm - 5:25pm 203 Diana Center	Irina Schneid	3	19

ARCH V1020 Introduction To Architectural Design and Visual Culture. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Corequisites: Intended for the non-major, sophomore year and above. Enrollment limited to 18 students.

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. Attendance is mandatory at the first class meeting in order to form class registration lists.

Fall 2014: ARCH V1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 1020	001/04122	M W 1:10pm - 3:00pm 116a Lewisohn Hall	Richard Rouhe	3	16

Spring 2015: ARCH V1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ARCH 1020	001/03527	T Th 9:00am - 10:50am 116b Lewisohn Hall	Marcelo Lopez Dinardi	3	8
ARCH 1020	002/07399	M W 4:10pm - 6:00pm 116b Lewisohn Hall	Hua Tang	3	14

ARCH V3101 Architectural Representation: Abstraction. 4 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Enrollment limited to 16 students per section. Recommended for the sophomore year. Students work in a studio environment.

Introduction to design through analysis of abstract architectural space and form. Emphasis on the design process and principles of representations through architectural drawing and model making. Attendance is mandatory at the first class meeting in order to form class registration lists.

Fall 2014: ARCH V3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3101	001/05766	M W 9:00am - 11:50am 404 Diana Center	Richard Rouhe	4	15
ARCH 3101	002/01037	M W 10:00am - 12:50pm 404 Diana Center	Madeline Schwartzman	4	14

Spring 2015: ARCH V3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3101	001/04466	T Th 1:10pm - 4:00pm 404 Diana Center	Natasha Harper	4	15

ARCH V3103 Architectural Representation: Perception. 4 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Students work in a studio environment. Recommended for the sophomore year. Enrollment limited to 16 students per section.

Introduction to design through studies in the perception of architectural space and form. Emphasis on exploratory, inventive processes for the generation, development, and representation of ideas in a variety of media. Attendance is mandatory at the first class meeting in order to form class registration lists.

Fall 2014: ARCH V3103

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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ARCH 3103	001/05053	T Th 1:10pm - 4:00pm 404 Diana Center	Irina Schneid	4	16
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Spring 2015: ARCH V3103

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3103	001/06306	M W 10:00am - 12:50pm 404 Diana Center	Madeline Schwartzman	4	11
ARCH 3103	002/09780	M W 9:00am - 11:50am 404 Diana Center	Kadambari Baxi	4	15

ARCH V3201 Architectural Design, I. 4.5 points.

Prerequisites: ARCH V3101 and ARCH V3103. Open to architecture majors or with permission of instructor. Introduction to architectural design taught in a studio environment, through a series of design projects requiring drawings and models. Field trips, lectures, and discussions are organized in relation to studio exercises. Portfolio of design work from Architectural Representation: Abstraction and Perception will be reviewed the first week of classes.

Fall 2014: ARCH V3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3201	001/08540	M W 9:00am - 11:50am 116a Lewisohn Hall	Donald Shillingburg, Kadambari Baxi, Hua Tang, Leah Meisterlin	4.5	33

ARCH V3202 Architectural Design, II. 4.5 points.

Prerequisites: ARCH V3201. Open to architecture majors or with permission of instructor. Studio workshop continuation of *ARCH V3201*. Emphasis on the manipulation of an architectural vocabulary in relationship to increasingly complex conceptual, social, and theoretical issues. Field trips, lectures, and discussions are organized in relation to studio exercises.

Spring 2015: ARCH V3202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3202	001/09836	M W 9:00am - 11:50am 116a Lewisohn Hall	Irina Verona	4.5	39

ARCH V3211 Architectural Design, III. 4.5 points.

Prerequisites: ARCH V3202 and permission of the department chair. Enrollment limited as space permits. Further exploration of the design process through studio work. Programs of considerable functional, contextual, and conceptual complexity are undertaken. Portfolio required for review first day of fall semester or earlier, as requested by the department. Class list based on portfolio review will be formed by first class meeting.

Fall 2014: ARCH V3211

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3211	001/07045	M W 9:00am - 11:50am 404 Diana Center	Karen Fairbanks	4.5	10

ARCH V3117 Perceptions of Architecture. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Designed for but not limited to sophomores; enrollment beyond 60 at the discretion of the instructor. Introduction to various methods by which we look at, experience, analyze, and criticize architecture and the built environment; development of fluency with architectural concepts. Attendance is mandatory at the first class meeting in order to form class registration lists.

Spring 2015: ARCH V3117

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3117	001/09471	M W 4:10pm - 5:25pm L1104 Diana Center	Ralph Ghoche	3	40

ARCH V3114 Making the Metropolis: Urban Design and Theories of the City since 1850. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Introduces the project of understanding modern cities, focusing on theories, practices and examples in Europe and North America since 1850. The global reach of Euro-American ideas will also be examined. There are two primary goals: to investigate diverse strategies of urban development and to evaluate the social implications of built form. Course material includes built projects as well as unbuilt and theoretical work, all of which shaped how architects and planners interpreted the city.

ARCH V3121 Urban Praxis: A History of Social Theory in Architecture. 3 points.

This course is organized as a survey of topics in social philosophy and urban development, offering a broad-stroke depiction of the theoretical landscape within urban thinking and city making. The course begins with a premise that there is no urban action without politics, no practice without opinion, and no design without agenda.

Spring 2015: ARCH V3121

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3121	001/04645	T Th 4:10pm - 5:25pm L1103 Diana Center	Leah Meisterlin	3	30

ARCH V3290 Curating Architecture. 3 points.

This class will examine curating practices in relation to architectural exhibitions and publications. We will look at exhibitions, pavilions, installations, magazines, journals, boogazines, websites, and blogs (among other platforms) not only as mechanisms for presenting and distributing information but also as sites that serve as an integral part of architectural theory and practice.

Fall 2014: ARCH V3290

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3290	001/02863	T Th 9:00am - 10:50am 501 Diana Center	Irina Verona	3	16

ARCH V3312 Special Topics In Architecture. 3 points.

Topics vary yearly. Course may be repeated for credit. Attendance is mandatory at the first class meeting in order to form class registration lists.

Fall 2014: ARCH V3312

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/03927	T Th 4:10pm - 6:00pm 203 Diana Center	Ralph Ghoche	3	7
ARCH 3312	002/07198	T Th 2:10pm - 4:00pm 203 Diana Center	Leah Meisterlin	3	14

Spring 2015: ARCH V3312

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3312	001/07408	M W 1:10pm - 3:00pm L1104 Diana Center	Irina Verona	3	16
ARCH 3312	002/01965	M W 6:10pm - 8:00pm 502 Diana Center	Richard Rouhe	3	15

ARCH V3901 Senior Seminar. 4 points.

Prerequisites: Enrollment limited to 16 students per section. Open to architecture majors only unless space permits. Readings, individual class presentations, and written reports. Attendance is mandatory at the first class meeting in order to form class registration lists.

Fall 2014: ARCH V3901

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/09761	Th 11:00am - 12:50pm 501 Diana Center	Suzanne Stephens	4	16

Spring 2015: ARCH V3901

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3901	001/07118	T 2:10pm - 4:00pm 502 Diana Center	Ralph Ghoche	4	16

ARCH V3997 Independent Study. 2-4 points.

Prerequisites: Permission of the program director in term prior to that of independent study. Independent study form available at departmental office.

Fall 2014: ARCH V3997

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3997	001/02873		Kadambari Baxi	2-4	1
ARCH 3997	002/05147		Karen Fairbanks	2-4	3
ARCH 3997	003/01732		Leah Meisterlin	2-4	0
ARCH 3997	004/06391		Ralph Ghoche	2-4	0

ARCH V3998 Independent Study. 2-4 points.

Prerequisites: Permission of program director in the semester prior to that of independent study.

Spring 2015: ARCH V3998

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ARCH 3998	001/09344		Karen Fairbanks	2-4	2
ARCH 3998	002/02338		Kadambari Baxi	2-4	0
ARCH 3998	003/02630		Ralph Ghoche	2-4	0
ARCH 3998	004/03191		Leah Meisterlin	2-4	6

CROSS-LISTED COURSES

Art History and Archaeology

AHIS C3001 Introduction to Architecture. 3 points.

Discussion Section Required

This course is required for architectural history and theory majors, but is also open to students interested in a general introduction to the history of architecture, considered on a global scale. Architecture is analyzed through in-depth case studies of key works of sacred, secular, public, and domestic architecture from both the Western canon and cultures of the ancient Americas and of the Hindu, Buddhist, and Islamic faiths. The time frame ranges from ancient Mesopotamia to the modern era. Discussion section is required.

Spring 2015: AHIS C3001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3001	001/76483	M W 10:10am - 11:25am 612 Schermerhorn Hall	Helen Gyger	3	52/67

ART HISTORY AND ARCHAEOLOGY

Departmental Office: 826 Schermerhorn; 212-854-4505
<http://www.columbia.edu/cu/arthistory/>

Director of Undergraduate Studies: Prof. Kellie Jones, 909 Schermerhorn; 212-854-8084; kej2110@columbia.edu

Chair of Art Humanities: Prof. Branden Joseph, 613 Schermerhorn; 212-854-2811; bwj4@columbia.edu

Undergraduate Program Coordinator: Amanda Young, 826 Schermerhorn; 212-854-4505; ary2110@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 the *Major's Colloquium*, which introduces 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 at <http://www.columbia.edu/cu/arthistory/undergraduate/forms.html>. Courses taken at Reid Hall and through the Berlin Consortium are counted as regular Columbia courses, not transfer credits.

All newly declared majors and concentrators should visit the department office and speak with the student 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 e-mail 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 colloquia, students should consult with the department during the registration period in the semester prior to the one in which the course is offered. For additional information, see the department website at <http://www.columbia.edu/cu/arthistory/>.

Seminars

Seminars require an application which is due in the department office in 826 Schermerhorn before the registration period in the semester prior to the one in which the course is offered. The required application form is available in PDF format in "Planning Sheets and Forms" under the "Undergraduate" section of the department website at <http://www.columbia.edu/cu/arthistory/>.

Travel Seminar

In the spring, one or more undergraduate seminars in the Department of Art History and Archaeology may be designated as a traveling 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 (<http://ogp.columbia.edu>) website.

Casa Muraro, Venice

The Department of Art History and Archaeology offers two courses in the Columbia University Summer Program in Venice. For information about the program, visit the Office of Global Programs (<http://ogp.columbia.edu>) website.

DEPARTMENTAL HONORS

In order to qualify for departmental honors, students must write a senior thesis and have a GPA of at least 3.7 in classes for 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 the graduating majors in the department each year receive departmental honors.

SENIOR THESIS PRIZE

A prize is awarded each year to the best senior honors thesis written in the Department of Art History and Archaeology.

FACULTY

PROFESSORS

- Alexander Alberro (Barnard)
- Zainab Bahrani
- Barry Bergdoll
- Michael Cole
- Jonathan Crary
- Vidya Dehejia
- David Freedberg
- Robert E. Harrist, Jr.
- Anne Higonnet (Barnard)
- Holger Klein
- Rosalind Krauss
- Branden Joseph
- Matthew McKelway
- Keith Moxey (Barnard)
- Stephen Murray
- Jonathan Reynolds (Barnard)
- Simon Schama
- Avinoam Shalem
- Zoë Strother

ASSOCIATE PROFESSORS

- Francesco de Angelis
- Elizabeth Hutchinson (Barnard)
- Kellie Jones
- John Miller (Barnard)
- Ioannis Mylonopoulos

ASSISTANT PROFESSORS

- Diane Bodart
- Noam M. Elcott
- Megan O'Neil (Barnard)

ADJUNCT FACULTY

- Margaret Ainsworth (Barnard)
- Dawn Delbanco

- Rosalyn Deutsche (Barnard)
- Christopher Phillips (Barnard)
- John Rajchman
- Carolyn Yerkes

LECTURERS

- Joseph Ackley
- Frederique Baumgartner
- Anastassia Botchkareva
- Catherine Girard
- Marsley Kehoe
- Carolina Mangone
- Kent Minturn

ON LEAVE

- Profs. Cole, McKelway (2014-2015)
- Profs. Bergdoll, Dehejia, Freedberg, Murray (Fall 2014)
- Prof. Mylonopoulos (Reid Hall, Spring 2015)

REQUIREMENTS

GUIDELINES FOR ALL ART HISTORY AND ARCHAEOLOGY MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

Courses

HUMA W1121 Masterpieces of Western Art (Art Humanities) does not count toward the majors or concentrations, and no credit is given for Advanced Placement tests.

Grading

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

Senior Thesis

The *Senior Thesis* consists of a research paper 35-45 pages in length. It is a yearlong project, and students writing a thesis are registered by the department for *AHIS C3997 Senior Thesis* for the fall and spring terms. Normally the fall semester is devoted to research, the spring semester to writing.

All thesis writers are required to participate in a class and on alternate weeks, students meet as a group or individually with the instructor. Group meetings are designed as a series of research and writing workshops geared to the 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. The student is asked to identify a topic for the senior thesis and an adviser among the faculty of the Art History and Archaeology Department. The student then submits an application, with an indication of 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 subject, the goals, and the methodology of the thesis.

The deadline for the submission is set at the end of the second week of the senior year. Submissions should be delivered in hard copy to the department's office, and are addressed to the director of undergraduate studies. The director, in consultation with the thesis adviser and class instructor, evaluates the applications and decides on their approval or rejection.

Students intending to write a thesis should begin formulating a research topic and approaching potential faculty sponsors during the spring of the junior year. Currently, there are several fellowships for which students may apply that support thesis related research and travel during the summer and senior year.

Applications for writing a thesis can be found at <http://www.columbia.edu/cu/arhistory/undergraduate/forms.html>.

Senior Thesis Research Fellowships

The department offers Senior Thesis Research Fellowships for travel to distant museums and building sites, libraries, or archives. This travel is normally undertaken during the summer before the senior year.

Fellowship applications consisting of a carefully edited thesis proposal and supporting letter from a faculty sponsor should be submitted in the spring semester. Students will be notified of deadlines and further information as they become available. Please contact the undergraduate program coordinator with any questions.

MAJOR IN ART HISTORY

The yearlong senior thesis (for qualified students; see below) *AHIS C3997 Senior Thesis* may substitute for one lecture course. Seminars may substitute for lecture courses, and may count toward fulfilling the area distribution requirement. Barnard art history courses count toward the majors and concentrations.

The requirements for the major are as follows:

AHIS W3895 Majors' Colloquium: the Literature and Methods of Art History

Seven 3-point lecture courses in art history:

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

Two seminars in art history

A studio course in the visual arts or architecture (which may be taken Pass/D/ Fail)

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

NOTE: These chronological divisions are approximate. In case of ambiguities about the eligibility of a course to fill the requirement, please consult the director of undergraduate studies.

MAJOR IN HISTORY AND THEORY OF ARCHITECTURE

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. Courses in the Department of Architecture may substitute for up to two courses in art history with approval of the adviser.

The requirements for the major are as follows:

AHIS W3895 Majors' Colloquium: the Literature and Methods of Art History

Seven lecture courses in art history, one of which must be AHIS C3001 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

At least one seminar in art history or architectural history
Architectural Studio:

ARCH V1020	Introduction To Architectural Design and Visual Culture
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MAJOR IN ART HISTORY AND VISUAL ARTS

Students electing the combined major should consult with a faculty adviser in the department, as well as with the director of undergraduate studies in the Visual Arts Department.

Up to two of the seven 3-point courses in art history may be replaced by a specifically related course in another department with approval of the adviser. The combined major requires fulfillment of sixteen or seventeen courses. It is recommended that students interested in this major begin work toward the requirements in their sophomore year.

The requirements for the major are as follows:

AHIS W3895 Majors' Colloquium: the Literature and Methods of Art History

Seven 3-point lecture courses in art history.

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

21 points in Visual Arts covering:

VIAR Basic Drawing
R1001

VIAR Sculpture I
R3330

Five additional VIAR R3000-level or above course

In the senior year, students undertake 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 about the eligibility of a course to fill the requirement, please consult the director of undergraduate studies.

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 ART HISTORY

Seven 3-point lecture courses in art history.

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

NOTE: These chronological divisions are approximate. In case of ambiguities about the eligibility of a course to fill the requirement, please consult the director of undergraduate studies.

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

Concentrators are not required to take the majors' colloquium, a seminar, or a studio course.

CONCENTRATION IN HISTORY AND THEORY OF ARCHITECTURE

Seven courses in art history, including four in architectural history. Courses must cover four of five areas as described for the major. Concentrators are not required to take the majors' colloquium, a seminar, or a studio course.

COURSES

LECTURES

Attendance at first class meeting is recommended.

AHIS V3201 Arts of China. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

An introduction to the arts of China, from the Neolithic period to the present, stressing materials and processes of bronze casting, the development of representational art, principles of text illustration, calligraphy, landscape painting, imperial patronage, and the role of the visual arts in elite culture.

Fall 2014: AHIS V3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3201	001/17984	M W 10:10am - 11:25am 612 Schermerhorn Hall	Robert Harrist	3	44/60

AHIS W3208 The Arts of Africa. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Introduction to the arts of Africa, including masquerading, figural sculpture, reliquaries, power objects, textiles, painting, photography, and architecture. The course will establish a historical framework for study, but will also address how various African societies have responded to the process of modernity.

Spring 2015: AHIS W3208

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3208	001/17279	M W 4:10pm - 5:25pm 612 Schermerhorn Hall	Zoe Strother	3	29/40

AHIS V3248 Greek Art and Architecture. 3 points.

Discussion Section Required

Introduction to the art and architecture of the Greek world during the archaic, classical, and Hellenistic periods (11th - 1st centuries B.C.E.).

Fall 2014: AHIS V3248

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3248	001/67286	M W 1:10pm - 2:25pm 612 Schermerhorn Hall	Ioannis Mylonopoulos	3	63/67

AHIS V3250 Roman Art and Architecture. 3 points.

Discussion Section Required

The architecture, sculpture, and painting of ancient Rome from the 2nd century B.C. to the end of the Empire in the West.

Spring 2015: AHIS V3250

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3250	001/70041	M W 2:40pm - 3:55pm 612 Schermerhorn Hall	Francesco de Angelis	3	63/67

AHUM V3325 Arts of Islam: The First Formative Centuries (circa 700-1000). 3 points.

This introductory course attempts to cover the first 300 years, from circa 700-1000 AD, stressing the birth of Islam as the birth of a new aesthetic phenomenon in the Mediterranean Basin, Near East and Central Asia and its appropriations and innovations in creating a novel imperial style, while, at

the same time, questioning the modern historiographies and narratives for these masterpieces.

Fall 2014: AHUM V3325

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3325	001/75531	M W 4:10pm - 5:25pm 612 Schermerhorn Hall	Avinoam Shalem	3	32/67

AHUM V3340 Art In China, Japan, and Korea. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

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 2014: AHUM V3340

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3340	001/19457	M W 10:10am - 11:25am 832 Schermerhorn Hall	Dawn Delbanco	3	29/30

AHUM V3342 Masterpieces of Indian Art and Architecture. 3 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 2014: AHUM V3342

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3342	001/25521	M W 11:40am - 12:55pm 832 Schermerhorn Hall	Gale Berninghausen	3	21/22

Spring 2015: AHUM V3342

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3342	001/20236	T Th 11:40am - 12:55pm 832 Schermerhorn Hall	Arathi Menon	3	22/21

AHIS W3607 Baroque Imperial Spain (17th Century). 3 points.

The course will survey Baroque art in Hapsburg Spain, considered in the wide geographical context of the extended and dispersed dominions of the different crowns of the Spanish monarchy, which connected the Iberian Peninsula with Italy, Flanders and the New World. It will concern visual art in its various media, mainly painting, sculpture and architecture, but also tapestries, prints, armor, goldsmithery

and ephemeral decoration, among others. Works of the main artists of the period will be introduced and analyzed, giving attention to the historical and cultural context of their production and reception. The course will particularly focus on the movement of artists, works and models within the Spanish Hapsburg territories, in order to understand to what extent visual arts contributed to shaping the political identity of this culturally composite empire.

Spring 2015: AHIS W3607

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3607	001/12450	T Th 10:10am - 11:25am 612 Schermerhorn Hall	Diane Bodart	3	49/67

AHIS W3645 20th Century Architecture/City Planning. 3 points.

This undergraduate lecture course is an introduction to key topics in the history and theory of modern architecture and urbanism of the twentieth century, primarily focusing on developments in Europe and the United States, complemented with selected case studies from countries in Latin America and Asia. The course does not systematically cover all the major events, ideas, protagonists, and buildings of the period. It is organized around thematic and sometimes monographic lectures, which are intended to represent the essential character of modern architecture from its beginnings around 1900 until more recent developments at the end of the century.

Fall 2014: AHIS W3645

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3645	001/88399	T Th 10:10am - 11:25am 612 Schermerhorn Hall	Helen Gyger	3	22/67

AHIS W3650 20th Century Art. 3 points.

Major developments in 20th-century art, with emphasis on modernist and avant-garde practices and their relevance for art up to the present.

Spring 2015: AHIS W3650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3650	001/09137	T Th 4:10pm - 5:25pm 501 Schermerhorn Hall	Alexander Alberro	3	182/200

AHIS V3673 History of Photography. 3 points.

Few media have shaped the course of modernity more powerfully than photography. Law, science, journalism, criminology, urban planning, and entertainment are but a handful of the fields remade by the introduction of photography. More ambivalent has been photography's relationship to art. Once relegated to the margins, photographic practices now occupy the center of much artistic production. This course will not attempt a

comprehensive survey of the medium. Rather, we will trace central developments through a series of case studies from photography's 19th century birth to its current, digital afterlife. We will cover seminal movements and figures as well as more obscure practices and discourses. Particular attention will be paid to the theoretical and methodological questions concerning the medium.

Fall 2014: AHIS V3673

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3673	001/61494	M W 11:40am - 12:55pm 612 Schermerhorn Hall	Noam Elcott	3	27/67

AHIS W4089 Native American Art. 3 points.

This introduction to Native North American art surveys traditions of painting, sculpture, ceramics, textiles, photography, and architecture, and traces the careers of contemporary Indian modernists and postmodernists. It emphasizes artistic developments as a means of preserving culture and resisting domination in response to intertribal contact, European colonization, and American expansion.

Fall 2014: AHIS W4089

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4089	001/08872	T Th 4:10pm - 5:25pm 612 Schermerhorn Hall	Elizabeth Hutchinson	3	29/67

AHIS W4155 Art & Archaeology of Mesopotamia. 3 points.

Introduction to the art and architecture of Mesopotamia beginning with the establishment of the first cities in the fourth millennium B.C.E. through the fall of Babylon to Alexander of Macedon in the fourth century B.C.E. Focus on the distinctive concepts and uses of art in the Assyro-Babylonian tradition.

Fall 2014: AHIS W4155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4155	001/25412	M W 2:40pm - 3:55pm 612 Schermerhorn Hall	Zainab Bahrani	3	38/65

AHIS W4176 Art, Archaeology and History of Anatolia. 3 points.

This course surveys the art, archaeology and ancient history of Anatolia (ancient Turkey) from the first city-states of the early second millennium BC through the establishment of the Hittite Kingdom and through its disintegration into a plurality of polities until the Persian conquest in the course of the sixth century BC. Topics are arranged chronologically as well as thematically. The lectures will explore forms of representation and monuments within a historical context derived from archival and epigraphic

texts (in translation). At the same time, the interplay of representation and inscription, ranging from small scale private seals to large public monuments is considered in the context of a multilingual environment. The course also addresses the historiography of the field, particularly the history of research, its protagonists, major debates and the current state of research in this flourishing field.

Spring 2015: AHIS W4176

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4176	001/83400	T Th 2:40pm - 3:55pm 612 Schermerhorn Hall	Asli Ozyar	3	17/50

AHIS W4870 Minimalism & Postminimalism. 3 points.

This course examines minimalism - one of the most significant aesthetic movements - during the sixties and seventies. More than visual art, the course considers minimal sculpture, music, dance, and "structural" film; their historical precedents; their development; and their critical and political aspects. Artists include: Carl Andre, Tony Conrad, Dan Flavin, Eva Hesse, Donald Judd, Robert Morris, Anthony McCall, Yvonne Rainer, Richard Serra, and Robert Smithson.

Fall 2014: AHIS W4870

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4870	001/72446	T Th 10:10am - 11:25am 614 Schermerhorn Hall	Branden Joseph	3	63/100

COLLOQUIA

For information about enrollment in colloquia, students should consult with the department during the registration period in the semester prior to the one in which the course is offered. See the department website (<http://www.columbia.edu/cu/arhistory>) for additional information.

AHIS W3895 Majors' Colloquium: the Literature and Methods of Art History. 4 points.

Prerequisites: Not open to Barnard or Continuing Education students. Majors must receive instructor's permission. Students must sign-up online: <https://docs.google.com/a/columbia.edu/forms/d/1gpmYK8yh4MZHikQGvmmwWQbq4qo0m2cvfsmPJfxFdQ/viewform>

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 2014: AHIS W3895

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3895	001/67053	M 11:00am - 12:50pm 930 Schermerhorn Hall	Zoe Strother	4	15/25

Spring 2015: AHIS W3895

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3895	001/24015	T 10:10am - 12:00pm 930 Schermerhorn Hall	Jonathan Crary	4	14/25
AHIS 3895	002/11638	W 11:00am - 12:50pm 930 Schermerhorn Hall	Noam Elcott	4	18/25

UNDERGRADUATE SEMINARS

Seminars require an application, which are due in the semester prior to the semester in which the course is offered (April for fall courses, November for spring courses.) Applications are to be submitted to the department office in 826 Schermerhorn Hall. The required application form can be found on the department website (<http://www.columbia.edu/cu/arhistory/undergraduate/forms.html>).

AHIS C3948 Nineteenth-Century Criticism. 4 points.

Prerequisites: Junior or senior standing, and the instructor's permission.

Selected readings in 19th-century philosophy, literature, and art criticism, with emphasis on problems of modernity and aesthetic experience. Texts include work by Diderot, Kant, Coleridge, Hegel, Emerson, Flaubert, Ruskin, Baudelaire, and Nietzsche.

Fall 2014: AHIS C3948

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3948	001/28203	T 10:10am - 12:00pm 930 Schermerhorn Hall	Jonathan Crary	4	14/15

AHIS C3997 Senior Thesis. 3 points.

Prerequisites: Must receive departmental approval. Required for all thesis writers.

Fall 2014: AHIS C3997

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3997	001/98442	W 4:10pm - 6:00pm 934 Schermerhorn Hall	Kellie Jones	3	12/0

Spring 2015: AHIS C3997

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3997	001/23153	W 4:10pm - 6:00pm 934 Schermerhorn Hall	Kellie Jones	3	10/25

AHIS W3811 Medieval Architecture, Sources, and New Technologies. 4 points.

Many primary sources provide information about architecture and building practice in the Middle Ages. Some writings, such as abbot Suger's account of the construction of the new choir at Saint Denis are directly related to a specific building. Other treatises, such as Vitruvius or texts of land surveyors were understood as general treatises on architecture

and building practice. All these sources provide a rich corpus for the study of buildings of the Middle Ages. Furthermore, today's new technologies such as 3D modeling, laser surveying technologies, web search engines, etc. open promising avenues of research in architectural history. Studying documents in connection with the buildings while addressing the latest technologies offers an innovative and exciting approach for researching the mechanisms that underlie the radical transformations that architecture underwent in the Middle Ages.

Fall 2014: AHIS W3811

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3811	001/11791	Th 12:10pm - 2:00pm 930 Schermerhorn Hall	Stefaan Van Liefveringhe	4	9/15

AHIS W3854 Bernini, Baroque Sculpture, and the Painterly. 4 points.

This course will examine afresh the painterly illusionism of Bernini's statues as well the intermediality of his ensembles of sculpture, painting, and architecture (known as *bel composti*). Rather than situate materiality and facture subordinate to illusion and ideation (as is typically the case), we will consider baroque sculpture as material as much as immaterial. What might be gained if we look beyond Bernini's dematerializing illusionism, and consider the material presence of his work? Was Bernini interested in medium specificity? In what media do we have evidence of him thinking pictorially? Are Bernini's processes, whether in drawing or in modeling, similar to those of painters who also drew and modeled? How does Bernini's work and process compare to that of contemporary sculptors like Alessandro Algardi, Francesco Mochi and Giuliano Finelli, to name a few? The goal is to come away from this class with a better sense for how material and conceptual dialogues among the arts shaped Baroque sculpture.

Fall 2014: AHIS W3854

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3854	001/81761	M 2:10pm - 4:00pm 930 Schermerhorn Hall	Carolina Mangone	4	8/15

AHIS W3871 Art and Culture during the French Revolution. 4 points.

This course focuses on the artistic developments and cultural shifts that occurred during the French Revolution (1789-1799). Rather than tracing the career of individual artists, it examines how painters, sculptors, architects, printmakers and material culture responded to and participated in the political and cultural changes of the period. Topics of discussion will include: the abolition of the Royal Academy; the notion of the revolutionary painter; women artists in the gendered Republic; public festivals and ephemeral architecture; vandalism and the opening of museums; the

dissemination of politics through caricature; and fashion as a symbolic form of political practice.

Spring 2015: AHIS W3871

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3871	001/64533	W 2:10pm - 4:00pm 934 Schermerhorn Hall	Frederique Baumgartner	4	13/12

AHIS W3873 The Literature of Modern Architecture. 4 points.

Unlike many seminars in art history, this course is primarily devoted to the analysis of texts. It is concerned with reading, or in some case rereading, major texts of modern architectural theory and criticism which have played a role in shaping the way either contemporaries of later generations have understood and debated architecture. Our concern will be not simply to isolate the ideas discussed in the texts, as one would in discussing their place in the history of modern architecture, but to treat them as texts in a social/professional dynamic or space. We will be eager to know something of their publication history, the audience to which they were directed, the choice of format for the text, the reception of the text in the press and by various publics, and the debates that arose from the texts, both at the time and in subsequent episodes of their critical fortune and influence.

Spring 2015: AHIS W3873

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3873	001/24780	M 12:10pm - 2:00pm 832 Schermerhorn Hall	Barry Bergdoll	4	10/16

AHIS W3878 Life of a Cathedral: Notre-Dame of Amiens. 4 points.

Notre-Dame of Amiens, often considered the "classic" Gothic cathedral, is studied each year by the more than one thousand students enrolled in the Columbia University Core course, Art Humanities. Like a great city, the cathedral brings together multiple segments of society in lively collaboration and conflict. We will explore the three overlapping worlds of the cathedral: the world of the clergy (owners and principal users), the world of the layfolk (parishioners, townsfolk and pilgrims) and the world (most mysterious) of the architects, or master masons. The semester is thus divided into three parts: each class will be preceded by an intense look at a specific aspect of the life of the cathedral and a reading presented by one of the participants. Participants in the class will also be invited to contribute to the development of a new website on the cathedral, designed for the use of Art Humanities students. We plan to organize a one-week study trip to Paris and Amiens in March 2015 (Spring Break) in order to continue the conversation in situ.

Spring 2015: AHIS W3878

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3878	001/76031	Th 10:10am - 12:00pm 930 Schermerhorn Hall	Stephen Murray	4	10/12

AHIS W3881 Marvelous Encounters. 4 points.

The encounters between European explorers and populations in the East and West in the Early Modern era were mutually disruptive events, challenging long-held notions of geography, human evolution, and cultural history. This course begins with the imaginary monstrous races and the supposed encounters with the strange and marvelous in the 14th century Travels of Sir John Mandeville, and explores the visual culture of encounter through the Age of Exploration into the Colonial Period. This course examines 'ethnographic' studies of non-Europeans in print culture and later photography, European attempts to organize and understand their new knowledge through, for example, casta paintings, and also select descriptions of Europeans by non-Europeans, such as Japanese images of Dutch and Portuguese traders. This course will include the reading of primary sources, like travel accounts (in translation), as well as post-colonial critiques of encounter and its repercussions.

Spring 2015: AHIS W3881

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3881	001/72198	M 10:10am - 12:00pm 832 Schermerhorn Hall	Marsely Kehoe	4	16/15

AHIS W3884 UFO Photography. 4 points.

Since its invention, the medium of photography has been valued for its claim to visual veracity. Approaches as diverse as Henry Fox Talbot's *The Pencil of Nature* through to Roland Barthes's notion of the photograph as a "message without a code" and Rosalind Krauss's discussion of the "index" have stressed the seemingly causal relationship of photography to an existing, physical, real-world referent that at one time-no matter how fleeting-stood before the camera's lens. Yet, throughout its history, photographers have also used the medium's implicit truth claims against itself, as practitioners have indulged in myriad means of producing trick photos-as documented recently in the Metropolitan Museum of Art's 2012 exhibition "Faking It: Manipulated Photography Before Photoshop"-as well as various types of spirit photography, featured in the Metropolitan Museum's excellent 2005 show "The Perfect Medium: Photography and the Occult." Like spirit photography (or the related genre of early 20th-Century "fairy" photography), photographs of UFOs strain the credibility of the photographic document, while relying upon the implicit truth claims of the medium all the more heavily to make their point. In this course, we will examine three related aspects of pre-digital photography: (1) the photograph's "rhetoric" (as Barthes famously put it) of visual

evidence; (2) the history of spiritual photography from the mid-19th- to the early 20th centuries; and (3) the mid-20th century phenomenon of UFO photography, which follows directly from the older tradition of occult photography.

Spring 2015: AHIS W3884

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3884	001/77531	T 2:10pm - 4:00pm 832 Schermerhorn Hall	Branden Joseph	4	15/18

AHIS W3886 Art Between the Wars 1919-1939. 4 points.

Coming on the heels of the Guggenheim's recent blockbuster exhibit, "Chaos and Classicism," *Art Between the Wars* is a seminar dedicated to the investigation of interwar art, architecture, film and photography produced in France, Italy, Germany, and the USSR from 1919-1939. We will examine the widespread return to figuration, the rampant retour à l'ordre mentality, and the rapid replacement of the historical avant-garde movements of Cubism, Futurism, Expressionism and Suprematism (and Constructivism), with Purism, Novecento, Neue Sachlichkeit, and Soviet Socialist Realism, respectively. By way of contrast we will also consider the example of America's own homegrown interwar movement, Regionalism.

Fall 2014: AHIS W3886

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3886	001/92086	T 2:10pm - 4:00pm 832 Schermerhorn Hall	Kent Minturn	4	11/15

AHIS W3898 Yoruba and the Diaspora. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

We will study one of the great classical civilizations of Africa, the Yoruba kingdoms of Nigeria and Benin, and their impact on the arts of Cuba (Santería/Lucumi), Haiti (Vodoun and associated easel painting), Brazil (Candomblé, Umbanda), Surinam, and the U.S. There will be one or more museum field trips. For their research projects, students are free to work on a variety of topics, ranging from the subjects already listed to: the representation of Santería in Hollywood; the films of Maya Deren; Cuban modernism; Zora Neale Hurston in Haiti; etc.

Fall 2014: AHIS W3898

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3898	001/26031	M 4:10pm - 6:00pm 930 Schermerhorn Hall	Zoe Strother	4	7/15

AHIS W3899 African American Visual and Decorative Arts, 1650-1900. 4 points.

This course surveys the earliest forms of visual production by North Americans of African descent, spanning the period from 1640-1900. Our focus encompasses decorative arts and crafts (furniture, wrought iron, 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 creolization, diaspora, and resistance help us understand African American and American culture in general.

Fall 2014: AHIS W3899

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3899	001/98547	W 11:00am - 12:50pm 930 Schermerhorn Hall	Kellie Jones	4	6/15

AHIS W3923 The Public Monument in the Ancient Near East. 4 points.

This seminar will focus on the invention of the public monument as a commemorative genre, and the related concepts of time, memory and history in the ancient Near East and Egypt. Public monuments will be studied in conjunction with readings from ancient texts (in translation), as well as historical criticism, archaeological and art historical theories.

Spring 2015: AHIS W3923

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3923	001/67201	T 4:10pm - 6:00pm 832 Schermerhorn Hall	Zainab Bahrani	4	9/15

BRIDGE SEMINARS

Bridge seminars are open to graduate and undergraduate students. As with other seminars, they require an application, which are due in the semester prior to the semester in which the course is offered (August for fall courses, December for spring courses.) Applications are to be submitted to the department office in 826 Schermerhorn Hall. The required application form can be found on the department website (<http://www.columbia.edu/cu/arthistory/undergraduate/forms.html>).

AHIS G4085 Andean Art and Architecture. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Survey of the art of the Andes from earliest times until the Spanish conquest. Emphasis on the nature of Andean tradition and the relationship between art and society.

Spring 2015: AHIS G4085

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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AHIS 4085	001/28033	T 12:10pm - 2:00pm 930 Schermerhorn Hall	Andrew Finegold	3	19/25
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AHIS G4102 Chinese Art Under the Mongols. 3 points.

The Yuan dynasty (1279-1368), when China was ruled by the Mongols, was a period of intense creativity in the visual arts of all media. Long the focus of studies devoted to China's scholar-amateur or literati artists, the period of Mongol rule has more recently inspired new approaches that attempt to deal with a much wider range of materials and that place the arts of the Yuan dynasty within a pan-Asian context. Focusing on works of art in local collections, we will address topics such as the definition of Mongol identity as expressed in the visual arts produced in China, the continuation of workshop and professional painting traditions illuminated by recent archaeological discoveries, relationships among the arts of different media, including metalwork, ceramics, and textiles. The seminar also will require students to reexamine long accepted notions of "self-expression" and the social dimensions of literati painting and calligraphy.

Fall 2014: AHIS G4102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4102	001/83397	T 2:10pm - 4:00pm 934 Schermerhorn Hall	Robert Harist	3	9/17

AHIS G4126 Rock-Cut Architecture of India. 3 points.

For a period of over a thousand years, a favored mode of architecture across India was to create monuments by excavating into the rock of the mountainside. This course examines the rock-cut mode of architecture, adopted by Buddhists, Hindus, and Jains, that remained popular right up to the tenth century when it yielded precedence to structures built by piling stone upon stone.

Spring 2015: AHIS G4126

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4126	001/71176	T 4:10pm - 6:00pm 930 Schermerhorn Hall	Vidya Dehejia	3	12/25

AHIS G4142 Mediterranean "East" - "West" Interactions: An Introduction. 3 points.

The constant contacts, in peace and war times, between the Latin West and the world of Islam, especially during the Middle Ages, formed and shaped the identities of both Christian and Muslim worlds. Moreover, these cultural clashes and artistic exchanges seemed on the one hand to consolidate identities and maintain barriers of differences but on the other hand to contribute to dynamic aesthetic conversations, enriching the visual cultures of both. In several moments in history, which, sometimes, can hardly be defined as convivencia, a new amalgamated aesthetic language was born. Trade with luxury goods and even the sack of works

of art 'sponsored' and enhances visual dialogues between different religious cultures of the Mediterranean. In this seminar the routes and the 'ambassadors' of these exchange moments are discerned. The Mediterranean basin (between 800 to 1500 AD) is in focus. The mobile world around the shores of the Mediterranean Sea - from the far west district of al-Andalus and the city of Cordoba to the near Eastern metropolises of Cairo and Damascus - will be highlighted. Port cities such as Salerno, Amalfi, Genua, Mahdiyya, Venice, Palermo and Acre will be jointly discussed in order to draw a full and complete picture of the particular medieval art, which developed across the Mediterranean basin.

Spring 2015: AHIS G4142

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4142	001/72546	T 6:10pm - 8:00pm 934 Schermerhorn Hall	Avinoam Shalem	3	13/15

AHIS G4266 The Power of Ornament: Roman Imperial Imagery and Its Reception. 3 points.

This lecture intends to answer questions about the nature of Roman monuments and their decoration: What was their function? And how did they actually fulfill that function? To what extent was the diffusion of Roman public imagery the outcome of a planned scheme, and to what extent should we instead see it as the unintended result of different factors? In addressing these questions, the lecture will focus particularly on the mechanisms that led to the entrenchment of imperial ideology in Roman society, moving beyond conventional narratives that frame this issue in terms of an 'acceptance vs resistance' dichotomy. PLEASE NOTE: The format of this course allows for class discussion but does not require formal student presentations.

Fall 2014: AHIS G4266

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4266	001/11281	M 11:00am - 12:50pm 934 Schermerhorn Hall	Francesco de Angelis	3	16/17

AHIS G4330 Paris in the Middle Ages. 3 points.

The urban fabric of Paris provides the connective tissue linking medieval achievements in architecture, sculpture, and painting with the history of the city from the Romans to the Renaissance.

Spring 2015: AHIS G4330

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4330	001/23458	Th 2:10pm - 4:00pm 934 Schermerhorn Hall	Stephen Murray	3	13/25

AHIS G4451 The Materiality of Painting, From Titian to Velázquez. 3 points.

Venetian painting of the 16th century was famous for its painting process - colorito - that was entirely produced through colors without the use of drawn lines. Titian was the main representative of colorito and his work reflects the emergence of visible brushstrokes in painting. This seminar will focus on the emergence of the Venetian brushstroke and its transfer to Spain, particularly as it relates to the works of El Greco and Velázquez.

Fall 2014: AHIS G4451

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4451	001/82346	Th 2:10pm - 4:00pm 930 Schermerhorn Hall	Diane Bodart	3	16/17

AHIS G4626 Transpacific Objects. 3 points.

This course focuses on the circulation of visual and material objects between the Americas and the Asia Pacific from Enlightenment to modernity. It takes the ocean itself as a framework of analysis for the global artifacts of scientific exploration, cultural exchange, imperialism, and trade. What kinds of things traveled through the Pacific? How were they appropriated, assimilated, and understood across the globalizing world of the eighteenth and nineteenth centuries? Can the Pacific be understood on the same terms as the Atlantic? We will explore these questions through various intellectual frameworks, from cannibalism to islands. We will likewise devote attention to centers of exchange-Mexico City, Hawaii, Canton, and Yokohama-and look closely at the goods that circulated between them, from paintings and decorative arts to maps and botanical illustrations. An interdisciplinary set of texts, from maritime novels to anthropological theory, will be brought to bear on the visual world of the Pacific. Visits to museum and library collections in New York will be integral part of the course.

Spring 2015: AHIS G4626

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4626	001/91697	W 11:00am - 12:50pm 832 Schermerhorn Hall	Maggie Meng Cao	3	8/12

AHIS G4650 Post-War Critical Theory. 3 points.

Is today a time of reinvention for the critical theory that took shape after the Second World War? In this course, taking 1989 as a new take-off date, we explore this hypothesis through a series of over-lapping questions including: What is contemporary as distinct from modern? What is an apparatus as distinct from a medium, a media, or a machine? Is there or can there be a global art history? Can participation be critical? Focusing on the role of visual art and art institutions, their expansions, and transformations, we thus address the question of the fate and the function of critical theory in the new world of information economies, new urbanizations, biennials, and art-fairs.

Fall 2014: AHIS G4650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4650	001/23173	W 2:10pm - 4:00pm 934 Schermerhorn Hall	John Allan Rajchman	3	16/17

AHIS G4661 Portraits and Identity. 3 points.

Portraits constitute an important genre in art for centuries, appearing in many global cultures, and in countless numbers, indicating their enduring popularity, and their significance. They appear in public and private contexts of viewing, and manifest a record of individual existence, while also possessing the authority of an on-going presence after death. Portraits have been collected, displayed, employed in political, secular, and religious contexts, and have drawn the attention of generations of artists and their patrons in a variety of modes in single and multiple images in various media. A seminar for undergraduate majors and graduate students, culminating in two exhibitions, planned by the students, with a list of works, a companion brochure, and a brief catalogue essay for each exhibition.

Spring 2015: AHIS G4661

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4661	001/93097	Th 2:10pm - 4:00pm 930 Schermerhorn Hall	Richard Brilliant	3	8/25

AHIS G4862 Repatriation and Indigenous Art in the Age of Globalization. 3 points.

Material culture has changed hands between Native and non-Native communities since the beginnings of Euro-American cultural contact. But individuals and communities have competing definitions of who can "own" indigenous culture and what rights of use, display and reproduction attend that ownership. Since the spread of indigenous rights movements in the late 1960s, museums These issues are coming to the fore in the twenty-first century as tribal nations are increasingly petitioning for the return of cultural property using the passage of national legislation (such as the Native American Graves and Repatriation Act) and international policy (such as the UN Declaration of the Rights of Indigenous Peoples). At the same time, both tribal and whitestream museums are exploring new models of collaboration in collecting and curatorial work. This course explores the current global discussion of cultural property, using case studies to explore the complex legal and ethical issues confronting museums, dealers, collectors and communities.

Spring 2015: AHIS G4862

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 4862	001/04887	W 4:10pm - 6:00pm 832 Schermerhorn Hall	Elizabeth Hutchinson	3	9/12

SUPERVISED INDEPENDENT RESEARCH**AHIS C3980 Supervised Independent Study. 1-3 points.**

Prerequisites: the departmental consultant or director of undergraduate studies' permission, and the instructor's permission.

Independent research and the writing of an essay under supervision of a member of the Art History Department. Only one independent study may be counted toward the major.

Fall 2014: AHIS C3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3980	001/00539		Alexander Alberro	1-3	0
AHIS 3980	002/29283		Zainab Bahrani	1-3	0
AHIS 3980	004/88026		Barry Bergdoll	1-3	1
AHIS 3980	005/60954		Diane Bodart	1-3	0
AHIS 3980	006/29592		Michael Cole	1-3	0
AHIS 3980	007/64699		Jonathan Crary	1-3	0
AHIS 3980	008/61034		Francesco de Angelis	1-3	0
AHIS 3980	009/63292		Vidya Dehejia	1-3	0
AHIS 3980	010/60956		Dawn Delbanco	1-3	0
AHIS 3980	011/01286		Rosalyn Deutsche	1-3	0
AHIS 3980	013/61568		Noam Elcott	1-3	0
AHIS 3980	014/61997		David Freedberg	1-3	0
AHIS 3980	015/62447		Robert Harrist	1-3	0
AHIS 3980	018/63151		Kellie Jones	1-3	0
AHIS 3980	019/63549		Branden Joseph	1-3	0
AHIS 3980	020/66005		Holger Klein	1-3	0
AHIS 3980	021/66350		Rosalind Krauss	1-3	0
AHIS 3980	022/67248		Matthew McKelway	1-3	0
AHIS 3980	024/67703		Stephen Murray	1-3	0
AHIS 3980	025/68102		Ioannis Mylonopoulos	1-3	0
AHIS 3980	026/01227		Megan O'Neil	1-3	0
AHIS 3980	027/70850		John Allan Rajchman	1-3	0

AHIS 3980	030/71349	Avinoam Shalem	1-3	0
AHIS 3980	031/73198	Zoe Strother	1-3	0
AHIS 3980	032/23360	Marsely Kehoe	1-3	1

Spring 2015: AHIS C3980

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AHIS 3980	002/76899		Zainab Bahrani	1-3	0
AHIS 3980	003/91297		Frederique Baumgartner	1-3	0
AHIS 3980	004/79536		Barry Bergdoll	1-3	0
AHIS 3980	005/99791		Diane Bodart	1-3	0
AHIS 3980	006/11399		Michael Cole	1-3	0
AHIS 3980	007/13661		Jonathan Crary	1-3	0
AHIS 3980	008/22149		Francesco de Angelis	1-3	0
AHIS 3980	009/23149		Vidya Dehejia	1-3	0
AHIS 3980	010/27498		Dawn Delbanco	1-3	0
AHIS 3980	012/88538		Noam Elcott	1-3	0
AHIS 3980	013/82048		David Freedberg	1-3	0
AHIS 3980	014/90800		Robert Harrist	1-3	0
AHIS 3980	015/09393		Anne Higonnet	1-3	0
AHIS 3980	019/28458		Holger Klein	1-3	1
AHIS 3980	020/64290		Rosalind Krauss	1-3	0
AHIS 3980	021/89034		Matthew McKelway	1-3	0
AHIS 3980	022/14529		Kent Minturn	1-3	0
AHIS 3980	025/67060		Ioannis Mylonopoulos	1-3	0
AHIS 3980	026/70846		John Allan Rajchman	1-3	0
AHIS 3980	027/01289		Jonathan Reynolds	1-3	0
AHIS 3980	030/98251		Zoe Strother	1-3	0

ASTRONOMY

Departmental Office: 1328 Pupin; 212-854-3278
<http://www.astro.columbia.edu>

Director of Undergraduate Studies: Prof. Mary E. Putman,
 1318 Pupin; 212-854-6831; mputman@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 C3997 Independent Research-ASTR C3998 Independent Research*, preferably in their senior year. Students begin the research project in the fall and complete the written thesis in the spring. *ASTR C3997 Independent Research* and *ASTR W3998 Independent Research* cannot be repeated for credit.

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 C2001 Introduction To Astrophysics, I*-*ASTR W2002 Introduction To Astrophysics, II* sequence is recommended for astronomy majors and concentrators and is required for astrophysics majors. Most 3000-level courses are offered every other year. Students should inquire with the director of undergraduate studies if they have specific questions on the course schedule. *ASTR C3996 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.

FACULTY PROFESSORS

- James Applegate
- Arlin Crotts
- Greg Bryan
- Zoltan Haiman
- Jules P. Halpern
- David J. Helfand
- Kathryn Johnston (Chair)
- Laura Kay (Barnard)
- Jeremiah P. Ostriker
- Frederik B. S. Paerels
- Joseph Patterson
- Edward A. Spiegel (*emeritus*)
- Jacqueline van Gorkom

ASSOCIATE PROFESSORS

- Mary E. Putman
- David Schiminovich

ASSISTANT PROFESSOR

- Marcel Agüeros

ADJUNCT PROFESSOR

- Michael Shara (Hayden Planetarium)

ADJUNCT ASSOCIATE PROFESSORS

- Mordecai-Mark MacLow (Hayden Planetarium)
- Benjamin Oppenheimer (Hayden Planetarium)
- Caleb Scharf

ON LEAVE

- Profs. Crotts, Halpern, Helfand (*2014-2015*)
- Profs. Johnston, Ostriker (*Fall 2014*)
- Profs. Paerels, Putman (*Spring 2015*)

REQUIREMENTS

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

Students contemplating graduate study are advised to include at least two of these physics courses: *PHYS W3003 Mechanics*, *PHYS W3007 Electricity and Magnetism*, and *PHYS G4021*

Quantum Mechanics, I and II or *PHYS BC3006 Quantum Physics*. One of these may be substituted for three points of astronomy. The major requirements, to be planned with the director of undergraduate studies, are as follows:

Calculus sequence through MATH V1202 Calculus IV or MATH V1208 Honors Mathematics IV

Select one of the following:

Two 3-point 1000-level astronomy courses and 12 points in astronomy at the 2000-level or above

ASTR C2001	Introduction To Astrophysics, I and Introduction To Astrophysics, II (and
- ASTR W2002	9 points in astronomy at the 3000-level or above)

Select one of the following sequences:

PHYS C1401	Introduction To Mechanics and Thermodynamics
- PHYS C1402	and Introduction To Electricity, Magnetism, and Optics
- PHYS C1403	and Introduction to Classical and Quantum Waves

PHYS C1601	Physics, I: Mechanics and Relativity and Physics, II: Thermodynamics,
- PHYS C1602	Electricity, and Magnetism and Physics, III: Classical and Quantum
- PHYS C2601	Waves

PHYS C2801	Accelerated Physics, I and II and Accelerated Physics, I and II
- PHYS C2802	

Two physics courses at the 3000-level or above

MAJOR IN ASTROPHYSICS

The major requires a minimum of 50 points, to be planned with the director of undergraduate studies before the beginning of the junior year, and are as follows:

Calculus sequence through MATH V1202 Calculus IV or MATH V1208 Honors Mathematics IV

ASTR C2001	Introduction To Astrophysics, I and Introduction To Astrophysics, II
- ASTR W2002	(formerly ASTR C2002)

Six points in astronomy at the 3000-level or above

Select one of the following sequences:

PHYS C1401	Introduction To Mechanics and Thermodynamics
- PHYS C1402	and Introduction To Electricity, Magnetism, and Optics
- PHYS C1403	and Introduction to Classical and Quantum Waves

PHYS C1601	Physics, I: Mechanics and Relativity and Physics, II: Thermodynamics,
- PHYS C1602	Electricity, and Magnetism and Physics, III: Classical and Quantum
- PHYS C2601	Waves

PHYS C2801	Accelerated Physics, I and II and Accelerated Physics, I and II
- PHYS C2802	

PHYS W3003 Mechanics

PHYS W3007 Electricity and Magnetism

PHYS W3008 Electromagnetic Waves and Optics

PHYS G4021 Quantum Mechanics, I and II

or PHYS BC3006 Quantum Physics

PHYS G4022	Quantum Mechanics, I and II
or PHYS G4023	Thermal and Statistical Physics

CONCENTRATION IN ASTRONOMY

An extra three points of physics can substitute for three points of astronomy, as long as the course submitted is at the equivalent or higher level. The concentration requirements are as follows:

Nine points of mathematics

15 points of astronomy, nine of which must be at or above the 2000-level

Nine points of physics

COURSES

FALL 2014

ASTR C1403 Earth, Moon, and Planets (lecture). 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Open to any student offering astronomy in partial fulfillment of the science requirement - some sections satisfy QUA requirement. 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. Life in the solar system and beyond. Students may not receive credit for both ASTR BC1753 and ASTR C1403.

Fall 2014: ASTR C1403

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/66239	M W 1:10pm - 2:25pm 329 Pupin Laboratories	James Applegate	3	73/105

ASTR C1404 Stars, Galaxies, and Cosmology. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Open to any student offering astronomy in partial fulfillment of the science requirement. Recommended preparation: A working knowledge of high school algebra. Professor Applegate's sections do not qualify for QUA. 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. Professor Applegate's sections do not qualify for QUA. Students may not receive credit for both ASTR BC1754 and ASTR C1404.

ASTR C1610 Theories of the Universe: From Babylon to the Big Bang. 3 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.

Fall 2014: ASTR C1610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1610	001/72785	T Th 1:10pm - 2:25pm 329 Pupin Laboratories	Joseph Patterson	3	83
ASTR 1610	002/67648	T Th 1:10pm - 2:25pm 420 Pupin Laboratories	David Schiminovich	3	27/50

ASTR C1903 Earth, Moon, and Planets Laboratory. 1 point.

Corequisites: ASTR BC1753 or ASTR C1403.
This laboratory is for the lecture courses ASTR BC1753x or ASTR C1403x. The lecture course must be taken concurrently.

Fall 2014: ASTR C1903

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/05225	M 6:00pm - 9:00pm Room TBA	Laura Kay, Stephanie Douglas	1	13/14
ASTR 1903	002/04009	M 7:00pm - 10:00pm Room TBA	Laura Kay, Steven Mohammed	1	14/14
ASTR 1903	003/02793	T 6:00pm - 9:00pm Room TBA	Laura Kay, Sarah Pearson	1	13/14

ASTR 1903	004/01577	T 7:00pm - 10:00pm Room TBA	Laura Kay, Jingjing Chen	1	8/14
ASTR 1903	005/09273	W 6:00pm - 9:00pm Room TBA	Laura Kay, Alejandro Nunez	1	10/14
ASTR 1903	006/09217	Th 6:00pm - 9:00pm Room TBA	Laura Kay, Aleksey Generozov	1	14/14

ASTR C1904 Astronomy Lab 2. 1 point.

Laboratory for *ASTR C1404*. Projects include use of telescopes, laboratory experiments in the nature of light, spectroscopy, and the analysis of astronomical data.

Fall 2014: ASTR C1904

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/03007	W 7:00pm - 10:00pm Room TBA	Laura Kay, Andrew Emerick	1	3/12

ASTR C2001 Introduction To Astrophysics, I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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 2014: ASTR C2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2001	001/64283	M W 2:40pm - 3:55pm 329 Pupin Laboratories	Frederik Paerels	3	30

ASTR C2900 Frontiers of Astrophysics. 1 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 2014: ASTR C2900

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2900	001/16967	F 10:10am - 11:25am 428 Pupin Laboratories	Greg Bryan	1	37

ASTR C3101 Modern Stellar Astrophysics. 3 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.

Fall 2014: ASTR C3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3101	001/20227	T Th 2:40pm - 3:55pm 1332 Pupin Laboratories	Marcel Agueros	3	8

ASTR C3105 Extrasolar Planets and Astrobiology (Lecture). 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of calculus based physics.

This class will cover the physics and observations of extrasolar planets at a quantitative level, including: detection methods, theories of planet formation and migration, orbital dynamics, rocky vs. gaseous planets, extrasolar planet atmospheres, and habitability, including possibly observable life signatures and some aspects of astrobiology. We will also cover several recent experimental results.

Fall 2014: ASTR C3105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3105	001/27657	M W 2:40pm - 3:55pm 307 Mathematics Building Haiman	Zoltan	3	13

ASTR C3996 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.

Fall 2014: ASTR C3996

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3996	001/66081		Greg Bryan	1	9

ASTR C3997 Independent Research. 3 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.

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 2014: ASTR C3997

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3997	001/76878		Frederik Paerels	3	5

SPRING 2015

ASTR W1403 Earth, Moon and Planets (Lecture). 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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.

Spring 2015: ASTR W1403

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1403	001/16563	T Th 1:10pm - 2:25pm 428 Pupin Laboratories	Marcel Agueros	3	41/60

ASTR W1404 Stars, Galaxies and Cosmology (Lecture). 3 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 C1404 if you have not taken ASTR BC1754, ASTR C1420 or ASTR C1836.

Spring 2015: ASTR W1404

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1404	001/17398	T Th 4:10pm - 5:25pm 329 Pupin Laboratories	Joseph Patterson	3	61/75

ASTR W1453 Another Earth. 3 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.

Spring 2015: ASTR W1453

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1453	001/29129	M W 11:40am - 12:55pm 717 Hamilton Hall	Mary Putman	3	51/75
ASTR 1453	002/28142	M W 2:40pm - 3:55pm 329 Pupin Laboratories	David Schiminovich	3	55/75

ASTR W1903 Astronomy Lab 1. 1 point.

Laboratory for *ASTR C1403*. Projects include observations with the department's telescopes, computer simulation, laboratory experiments in spectroscopy, and the analysis of astronomical data. Lab 1 ASTR C1903 - goes with ASTR BC1753, ASTR C1403 or ASTR C1453.

Spring 2015: ASTR W1903

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1903	001/00992	W 7:00pm - 10:00pm 1402 Pupin Laboratories	Laura Kay, 1 Jingjing Chen	1	6/14

ASTR W1904 Astronomy Lab 2. 1 point.

Laboratory for *ASTR C1404*. Projects include use of telescopes, laboratory experiments in the nature of light, spectroscopy, and the analysis of astronomical data. Lab 2 ASTR C1904 - goes with ASTR BC1754 or ASTR C1404 (or ASTR C1836).

Spring 2015: ASTR W1904

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 1904	001/09992	M 6:00pm - 9:00pm Room TBA	Laura Kay, 1 Stephanie Douglas	1	13/14
ASTR 1904	002/06723	M 7:00pm - 10:00pm Room TBA	Laura Kay, 1 Steven Mohammed	1	12/14
ASTR 1904	003/03099	T 6:00pm - 9:00pm Room TBA	Laura Kay, Sarah Pearson	1	14/14

ASTR 1904	004/05672	T 7:00pm - 10:00pm Room TBA	Laura Kay, 1 Andrew Emerick	1	11/14
ASTR 1904	005/07772	W 6:00pm - 9:00pm Room TBA	Laura Kay, 1 Alejandro Nunez	1	6/14
ASTR 1904	006/01887	Th 6:00pm - 9:00pm Room TBA	Laura Kay, 1 Aleksey Generozov	1	5/14

ASTR W2002 Introduction To Astrophysics, II. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: A working knowledge of calculus.

Corequisites: The second term of a course in calculus-based general physics.

Continuation of *ASTR C2001*; 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 2015: ASTR W2002

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 2002	001/67934	T Th 1:10pm - 2:25pm 414 Pupin Laboratories	Kathryn Johnston	3	16

ASTR W3102 Planetary Dynamics & 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.

Spring 2015: ASTR W3102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3102	001/20699	T Th 2:40pm - 3:55pm 414 Pupin Laboratories	James Applegate	3	10

ASTR W3998 Independent Research. 3 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.

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 2015: ASTR W3998

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 3998	001/20830		Frederik Paerels	3	3

ASTR W4260 Modeling the Universe. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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.

Spring 2015: ASTR W4260

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ASTR 4260	001/23412	M W 10:10am - 11:25am 414 Pupin Laboratories	Greg Bryan	3	22

OF RELATED INTEREST

Physics and Astronomy (Barnard)

ASTR BC1753 Life in the Universe

ASTR BC1754 Stars, Galaxies and Cosmology

Physics

PHYS W3002 From Quarks To the Cosmos: Applications of Modern Physics

BIOLOGICAL SCIENCES

Departmental Office: 600 Fairchild, 212-854-4581;
undergrad@biology.columbia.edu
<http://www.columbia.edu/cu/biology/>

Director of Undergraduate Studies, Undergraduate Programs and Laboratories:

Prof. Deborah Mowshowitz, 744D Mudd; 212-854-4497;
dbm2@columbia.edu

Biology Major and Concentration Advisers:

For a list of current biology, biochemistry, biophysics, and neuroscience and behavior advisers, please see <http://www.columbia.edu/cu/biology/pages/undergrad/cur/advising/index.html>

Biology Major and Concentration Adviser:

Prof. Deborah Mowshowitz, 744D Mudd; 212-854-4497;
dbm2@columbia.edu

Biochemistry Advisers:

Biology: Prof. Brent Stockwell, 1208 Northwest Corner Building; 212-854-2948; stockwell@biology.columbia.edu
Chemistry: Prof. Virginia Cornish, 1209 Northwest Corner Building; 212-854-5209; vc114@columbia.edu

Biophysics Adviser: Prof. Julio Fernandez, 808 Northwest Corner Building; jf2120@columbia.edu

Neuroscience and Behavior Advisers:

Biology: Prof. Jian Yang, 917A Fairchild; 212-854-6161; jy160@columbia.edu
or Prof. Deborah Mowshowitz, 744D Mudd; 212-854-4497; dbm2@columbia.edu
Psychology: Prof. Frances Champagne, 315 Schermerhorn; 212-854-2589; fchampag@psych.columbia.edu
or Prof. James Curley, 317 Schermerhorn; 212-854-7033; jc3181@columbia.edu

• On-Line Resources:

- *FAQs for first-year students:* <http://www.columbia.edu/cu/biology/ug/advice/faqs/firstyr.html>
- *FAQs for prospective majors:* <http://www.columbia.edu/cu/biology/ug/advice/faqs/major.html>
- *Checklist of major requirements:* <http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/>
- *Additional course information:* <http://www.columbia.edu/cu/biology/pages/crs/main/all/>
- *FAQs for prospective traditional students:* <http://www.columbia.edu/cu/biology/ug/advice/faqs/firstyr.html>
- *FAQs for nontraditional students:* <http://www.columbia.edu/cu/biology/ug/advice/faqs/gs.html>
- The department offers broad training in basic biological disciplines, with an emphasis in cell and molecular biology. Students have many opportunities to participate in ongoing projects in research laboratories. All the

biology-related majors require one year of introductory biology, plus additional courses as detailed in the major requirements and listed on the websites provided above.

For the first term of their introductory biology sequence, students may take either BIOL C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology, which has a prerequisite of chemistry, or EEEB W2001 Environmental Biology I: Elements to Organisms, which does not require chemistry. EEEB W2001 Environmental Biology I: Elements to Organisms may be taken in the first year.

BIOL C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology should be taken later, after general chemistry. For more details, see *Introductory Courses* under *Undergraduate Requirements*. All students interested in biology are encouraged to take BIOL C2908 First-Year Seminar in Modern Biology in the fall semester of their first year.

Premedical students should consult their advising dean or the pre-professional office for relevant details of medical school requirements. Students interested in graduate school should consult the Bio Career adviser, Dr. Chloe Bulinski.

Nonscience majors who wish to take a biology course to fulfill the science requirement are encouraged to take BIOL W1015 Molecular Biology and Evolution for Nonscientists if offered and/or BIOL W1130 Genes and Development. They may also take, with the instructor's permission, BIOL W3208 Introduction to Evolutionary Biology, or EEEB W2001 Environmental Biology I: Elements to Organisms.

Interested students should consult listings in other departments for courses related to biology. For courses in environmental studies, see listings for earth and environmental sciences, or listings for ecology, evolution, and environmental biology. For courses in human evolution, see listings for anthropology or ecology, evolution, and environmental biology. For courses in the history of evolution, see history and philosophy of science. For a list of courses in computational biology and genomics, see <http://systemsbiology.columbia.edu/courses>.

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 C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology and BIOL C2006 Introductory Biology II: Cell Biology, Development & Physiology, but are not required to do so. For details, see <http://www.columbia.edu/cu/biology/ug/faqs.html> and *Introductory Courses* under *Undergraduate Requirements*.

TRANSFER CREDIT ADVISING

Current and prospective biology majors and concentrators whose last names begin with A-H should consult with Prof. Kalderon. Students whose last names begin with I-P should consult with Prof. Hecklen. Students whose last names begin with Q-Z should consult with Prof. Miller. Current and prospective biochemistry majors should consult Prof. Stockwell for biology course advising and Prof. Cornish for chemistry course advising. Current and prospective biophysics majors should consult Prof. Fernandez. Students who cannot contact their adviser should consult Prof. Mowshowitz.

For additional information, including office hours, please see <http://www.columbia.edu/cu/biology/pages/undergrad/cur/advising/>.

Current and prospective biology majors and concentrators whose last names begin with A-L should consult with Prof. Mowshowitz. Students whose last names begin with M-Z should consult with Prof. Tzagoloff. Current and prospective biochemistry majors should consult Prof. Tzagoloff for biology course advising and Prof. Cornish for chemistry course advising. Current and prospective biophysics majors should consult Prof. Fernandez. Students who cannot contact their adviser should consult Prof. Mowshowitz.

For additional information, including office hours, please see <http://www.columbia.edu/cu/biology/pages/undergrad/cur/advising/>.

Neuroscience and Behavior Advisers:

Biology: Prof. Jian Yang, 917A Fairchild; 854-6161; jy160@columbia.edu
or Prof. Deborah Mowshowitz, 744D Mudd; 854-4497; dbm2@columbia.edu
Psychology: Prof. Frances Champagne, 315 Schermerhorn; 854-2589; fchampag@psych.columbia.edu
or Prof. James Curley, 317 Schermerhorn; 854-7033; jc3181@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 Hecklen 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 (<http://www.columbia.edu/cu/biology/ug/surf>) website.

Current detailed descriptions of the SURF program and the application procedure are available at SURF: <http://www.columbia.edu/cu/biology/ug/surf/> and the Amgen Scholarship Program: <http://www.columbia.edu/cu/biology/ug/amgen/>. 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 after spring break of their senior year. For details, see the departmental website at <http://www.columbia.edu/cu/biology/pages/undergrad/cur/honors/>.

FACULTY PROFESSORS

- Walter J. Bock
- J. Chloë Bulinski
- Martin Chalfie
- Lawrence A. Chasin
- Julio M. Fernandez
- Stuart Firestein
- Joachim Frank
Tulle Hazelrigg
- John Hunt
- Daniel Kalderon
- Darcy B. Kelley
- Ann McDermott (Chemistry)
- James L. Manley
- Robert E. Pollack
- Molly Przeworski
- Carol L. Prives
- Ron Prywes
- Michael P. Sheetz
- Liang Tong
- Alexander A. Tzagoloff
Jian Yang
- Rafael Yuste

ASSOCIATE PROFESSORS

- Harmen Bussemaker
- Songtao Jia
- Elizabeth Miller
- Dana Pe'er

- Guy Sella
- Ozgur Sahin
- Brent Stockwell

ASSISTANT PROFESSOR

- Lars Dietrich

LECTURERS

- Claire Elise Hazen
- Alice Heicklen
- Lili Yamasaki

ADJUNCT FACULTY

- Ava Brent-Jamali
- Nataliya Galifianakis
- John Loike
- Jozsef Meszaros
- Deborah B. Mowshowitz
- Solomon Mowshowitz
- David Newman
- Vincent R. Racaniello

REQUIREMENTS

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, or
2. The faculty member approving the exception can send an email explaining the exceptions to jaya@biology.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 area *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 email 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 C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology- BIOL C2006 Introductory Biology II: Cell Biology, Development & Physiology, taken in the sophomore year, or EEEB W2001 Environmental Biology I: Elements to Organisms- BIOL C2006 Introductory Biology II: Cell Biology, Development & Physiology, which may be taken in the first 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 C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology- BIOL C2006

Introductory Biology II: Cell Biology, Development & Physiology in their first year; the permission of one of the instructors is required.

Premedical students usually take BIOL C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology- BIOL C2006 Introductory Biology II: Cell Biology, Development & Physiology after a year of general chemistry; premedical students interested in the environmental sciences may take *EEEEB W2001 Environmental Biology I: Elements to Organisms* followed by BIOL C2006 Introductory Biology II: Cell Biology, Development & Physiology.

Students with advanced placement in biology are expected but not required to take *EEEEB W2001 Environmental Biology I: Elements to Organisms* or BIOL C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology as their initial biology course, because BIOL C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology- BIOL C2006 Introductory Biology II: Cell Biology, Development & Physiology is taught at a level of detail and depth not found in most advanced placement courses.

Students who wish to skip BIOL C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology 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 at: <http://www.columbia.edu/cu/biology/ug/advice/faqs/firstyr.html>.

Core Courses

Two out of the following five departmental core courses are required:

BIOL W3031 Genetics

BIOL W3041 Cell Biology

BIOL W3022 Developmental Biology

BIOC C3501 Biochemistry, I: Structure and Metabolism

BIOC C3512 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 course:

BIOL Project Laboratory In Protein Biochemistry
W3050

BIOL Project Laboratory in Molecular Genetics
C3052

BIOL Project Laboratory in Microbiology
W3058

Option 2:

BIOL Contemporary Biology Laboratory
W2501

An additional 3-point lab such as BIOL W3040 or a Barnard lab

Option 3:

Two terms of BIOL W3500 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 W3500 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, including BIOL W3500 Independent Biological Research.

Upper-Level Elective Courses

Two additional courses, carrying at least three points each, from any of the 3000- or 4000- level lecture courses. BIOL W3500 Independent Biological Research cannot be used as one of the courses to satisfy the upper-level elective course requirement.

Chemistry

All majors must take chemistry through organic including labs. One of the following three groups of chemistry courses is required:

Option 1:

CHEM General Chemistry I (Lecture)
C1403 and General Chemistry II (Lecture)
- CHEM
W1404

CHEM General Chemistry Laboratory
W1500

CHEM Organic Chemistry I (Lecture)
C3443 and Organic Chemistry II (Lecture)
- CHEM
W3444

CHEM Organic Chemistry Laboratory
W3543

Option 2:

For students who qualify for intensive chemistry

CHEM Second Semester General Chemistry
C1604 (Intensive)
- CHEM and Intensive General Chemistry
W2507 Laboratory

CHEM Organic Chemistry I (Lecture)
C3443 and Organic Chemistry II (Lecture)
- CHEM
W3444

CHEM Organic Chemistry Laboratory
W3543

Option 3:

For students who qualify for first year organic chemistry

CHEM Intensive General Chemistry Laboratory
W2507

CHEM Intensive Organic Chemistry I (Lecture)
C3045 and Intensive Organic Chemistry II
- CHEM (Lecture)
W3046

CHEM Organic Chemistry Laboratory
W3543

Physics

Students must take two terms of physics including the accompanying labs. The usual choices are PHYS V1201- PHYS V1202 General Physics and PHYS W1291- PHYS W1292 General Physics 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 V1102 Calculus II, MATH V1201 Calculus III, or MATH V1207 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://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/biomajor.html>.

MAJOR IN BIOCHEMISTRY

Required basic courses: chemistry through organic, including laboratory, and one year each of physical chemistry, physics, calculus, biology, and biochemistry/molecular biology.

Required additional courses: 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 or visit <http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/biochem.html>.

For more details, see the *Chemistry* section in this Bulletin or visit <http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/biochem.html>.

MAJOR IN BIOPHYSICS

The requirements for the biophysics major are as follows:

One year introductory biology:

BIOL C2005 Introductory Biology I: Biochemistry,
- BIOL C2006 Genetics & Molecular Biology
 and Introductory Biology II: Cell Biology,
 Development & Physiology

Select at least one of the following laboratory course:

BIOL Project Laboratory In Protein Biochemistry
W3050

BIOL Project Laboratory in Molecular Genetics
C3052

BIOL Project Laboratory in Microbiology
W3058

BIOL Independent Biological Research
W3500

One course in biochemistry or molecular biology:

BIOC C3501 Biochemistry, I: Structure and Metabolism
or BIOC Molecular Biology
C3512

Select one of the following options:

Option 1 - Genetics:

BIOL Genetics
W3031

Option 2 - Neurobiology:

BIOL Neurobiology I: Cellular and Molecular
W3004 Neurobiology

or BIOL Neurobiology II: Development & Systems
W3005

Option 3 - Developmental Biology:

BIOL Developmental Biology
W3022

Select one of the following sequences to be completed at the end of sophomore year:

PHYS Introduction To Mechanics and
C1401 Thermodynamics
- PHYS and Introduction To Electricity,
C1402 Magnetism, and Optics
- PHYS and Introduction to Classical and
C1403 Quantum Waves
- PHYS and Introduction to Experimental Physics
C1494

PHYS Physics, I: Mechanics and Relativity
C1601 and Physics, II: Thermodynamics,
- PHYS Electricity, and Magnetism
C1602 and Physics, III: Classical and Quantum
- PHYS Waves
C2601 and Experiments in Classical and Modern
- PHYS Physics
C2699

PHYS C2801
- PHYS C2802
- PHYS W3081

Accelerated Physics, I and II
and Accelerated Physics, I and II
and Intermediate Laboratory Work

Any two physics courses at 3000-level or above, chosen in consultation with the adviser

Calculus through MATH V1202 or MATH V1208, and MATH V3027

Chemistry through organic including labs; see biology major for options

One additional course at the 3000- or 4000-level in either physics or biology

For more details, see the *Physics* section in this Bulletin or visit <http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/biophysics.html>.

For more details, see the *Physics* section in this Bulletin or visit <http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/biophysics.html>.

MAJOR IN NEUROSCIENCE AND BEHAVIOR

Required courses: In addition to one year of general chemistry, ten courses are required to complete the major—five in biology and five in psychology.

For more details, see the *Psychology* section in this Bulletin or visit <http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/neuro.html>.

For more details, see the *Psychology* section in this Bulletin or visit <http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/neuro.html>.

MAJOR IN ENVIRONMENTAL BIOLOGY

For a description of the environmental biology major, see the *Ecology, Evolution, and Environmental Biology* section in this Bulletin.

For a description of the environmental biology major, see the *Ecology, Evolution, and Environmental Biology* section in this Bulletin.

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.

Requirements for the concentration are 22 points in biology or biochemistry, with at least five courses chosen from the *C*, *W*, and *G* courses listed in the Biological Sciences section of the on-line Bulletin. Additional courses in physics, chemistry and mathematics are required as detailed below.

BIOL W1015 Molecular Biology and Evolution for Nonscientists, BIOL W1130 Genes and Development or BIOL W3500 Independent Biological Research **cannot** be used to fulfill the 22-point concentration requirement, and only one 5-point laboratory can be counted toward the 22 points. A project laboratory and BIOL W2501 Contemporary Biology Laboratory 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 C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology
or EEEB 2001 Environmental Biology I: Elements to Organisms

BIOL C2006 Introductory Biology II: Cell Biology, Development & Physiology

Select at least one of the following core courses:

BIOL W3031 Genetics

BIOL W3041 Cell Biology

BIOL W3022 Developmental Biology

BIOC C3501 Biochemistry, I: Structure and Metabolism

BIOC C3512 Molecular Biology

Select a 5-point laboratory course:

BIOL W3050 Project Laboratory In Protein Biochemistry

BIOL C3052 Project Laboratory in Molecular Genetics

BIOL W2501 Contemporary Biology Laboratory (plus a second course including laboratory work [usually BIOL W3040])

Additional biology or biochemistry courses to complete a total of 22 points. Only one of these courses may be for 1-2 points. All the rest must be at least 3 points.

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://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/biocon.html>.

COURSES

SPRING 2015

BIOL W1130	Genes and Development
BIOL C2006	Introductory Biology II: Cell Biology, Development & Physiology
BIOL F2402	Contemporary Biology II: Cell Biology, Development & Physiology
BIOL W2501	Contemporary Biology Laboratory
BIOL W3005	Neurobiology II: Development & Systems
BIOL W3006	Physiology
BIOL W3031	Genetics
BIOL W3040	Lab in Molecular Biology
BIOL W3058	Project Laboratory in Microbiology
BIOC W3300	Biochemistry
BIOL W3310	Virology
BIOL W3500	Independent Biological Research
BIOC C3512	Molecular Biology
BIOL W3700	Independent Clinical Research
BIOL C3799	Molecular Biology of Cancer
BIOL W3995	Topics in Biology: Crossroads in Bioethics (Section 1)
BIOL W3995	Topics in Biology: Foundations of (Section 6) Molecular Biology
BIOL G4075	Biology at Physical Extremes
BIOL W4400	Computational Genomics
BIOL W4510	Genomics of Gene Regulation
BIOL W4082	Theoretical Foundations and Applications of Biophysical Methods

FALL 2014

BIOL C2005	Introductory Biology I: Biochemistry, Genetics & Molecular Biology
BIOL F2401	Contemporary Biology I: Biochemistry, Genetics & Molecular Biology
BIOL W2501	Contemporary Biology Laboratory
BIOL C2908	First-Year Seminar in Modern Biology
BIOL W3002	Introduction to Animal Structure and Function
BIOL W3004	Neurobiology I: Cellular and Molecular Neurobiology
BIOL W3022	Developmental Biology
BIOL W3034	Biotechnology
BIOL W3041	Cell Biology
BIOL C3052	Project Laboratory in Molecular Genetics
BIOL W3073	Cellular and Molecular Immunology
HPSC W3201	Philosophy and History of Evolutionary Biology

BIOL W3208	Introduction to Evolutionary Biology
BIOC W3300	Biochemistry
BIOL W3500	Independent Biological Research
BIOC C3501	Biochemistry, I: Structure and Metabolism
BIOL W3700	Independent Clinical Research
BIOL W3995	Topics In Biology: Neuroscience and The (Section 2) Law
BIOL W3995	Topics in Biology: Introduction to Clinical (Section 3) Research in Emergency Medicine
BIOL W4001	Advanced Genetic Analysis
BIOL W4004	Neurobiology I: Cellular and Molecular Neurobiology
BIOL W4022	Developmental Biology
BIOL W4034	Biotechnology
BIOL W4073	Cellular and Molecular Immunology
BIOL W4150	The Cell As a Machine: Cell Biophysics and Biosystems Engineering
BIOL G4260	Proteomics Laboratory
BIOL W4300	Drugs and Disease
BIOC W4501	Biochemistry: Structure and Metabolism

2014-2015 COURSE LIST

BIOL W1015	Molecular Biology and Evolution for Nonscientists
BIOL W1130	Genes and Development
BIOL C2005	Introductory Biology I: Biochemistry, Genetics & Molecular Biology
BIOL C2006	Introductory Biology II: Cell Biology, Development & Physiology
BIOL W2501	Contemporary Biology Laboratory
BIOL S2501G	
BIOL C2908	First-Year Seminar in Modern Biology
BIOL W3002	Introduction to Animal Structure and Function
BIOL W3004	Neurobiology I: Cellular and Molecular Neurobiology
BIOL W3005	Neurobiology II: Development & Systems
BIOL W3006	Physiology
BIOL W3008	The Cellular Physiology of Disease
BIOL W3022	Developmental Biology
BIOL W3031	Genetics
BIOL W3034	Biotechnology
BIOL W3037	Bioinformatics of Gene Expression
BIOL W3040	Lab in Molecular Biology
BIOL W3041	Cell Biology
BIOL W3050	Project Laboratory In Protein Biochemistry
BIOL C3052	Project Laboratory in Molecular Genetics
BIOL W3058	Project Laboratory in Microbiology
BIOL W3073	Cellular and Molecular Immunology
BIOL W3193	Stem Cell Biology and Applications

BIOL W3208	Introduction to Evolutionary Biology
BIOC W3300	Biochemistry
BIOL W3310	Virology
BIOL W3500	Independent Biological Research
BIOC C3501	Biochemistry, I: Structure and Metabolism
BIOC C3512	Molecular Biology
BIOL W3600	Biological Research Skills
BIOL W3700	Independent Clinical Research
BIOL W3990	Readings in Cell Biology
BIOL W3995	Topics in Biology: Crossroads in Bioethics (Section 1)
BIOL W3995	Topics In Biology: Neuroscience and The Law (Section 2)
BIOL W3995	Topics in Biology: Introduction to Clinical Research in Emergency Medicine (Section 3)
BIOL W3995	Topics in Biology: Translational Science and Medicine (Section 5)
BIOL W3995	Topics in Biology: Foundations of Molecular Biology (Section 6)
BIOL W4001	Advanced Genetic Analysis
BIOL W4011	Circuits in the Brain
BIOL W4037	Bioinformatics of Gene Expression
BIOL W4065	Molecular Biology of Disease
BIOL W4070	The Biology and Physics of Single Molecules
BIOL W4073	Cellular and Molecular Immunology
BIOL W4077	Survey in Molecular and Cellular Biology: Cellular Stress Responses
BIOL W4082	Theoretical Foundations and Applications of Biophysical Methods
BIOL W4150	The Cell As a Machine: Cell Biophysics and Biosystems Engineering
BIOL W4158	Seminar in Nucleic Acids: Microbiology & the Control of Infectious Diseases
BIOL W4193	Stem Cell Biology and Applications
BIOL W4205	Origins of Life
BIOL W4300	Drugs and Disease
BIOL W4312	Chemical Biology
BIOL W4400	Computational Genomics
BIOC W4512	Molecular Biology

BIOC W3300 Biochemistry. 3 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 C3501*.

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?

Fall 2014: BIOC W3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/62784	T 7:10pm - 9:30pm 602 Northwest Corner	Danny Ho	3	27

Spring 2015: BIOC W3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/13013	T 7:10pm - 9:30pm 503 Hamilton Hall	Danny Ho	3	48

BIOC C3501 Biochemistry, I: Structure and Metabolism. 4 points.

Recitation Section Required

Prerequisites: *ENVB W2001* or *BIOL C2005* and one year of organic chemistry.

Lecture and recitation. Students wishing to cover the full range of modern biochemistry should take both *BIOC C3501* and *C3512*. Protein structure, protein folding, enzyme kinetics, allostery, membrane transport, biological membranes, and protein targeting. Chemistry and metabolism of amino acids, carbohydrates, lipids, purines, and pyrimidines. Students must ensure they register for the recitation which corresponds to the lecture section. Please check the Directory of Classes for details.

Fall 2014: BIOC C3501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3501	001/15963	T Th 2:40pm - 3:55pm 417 International Affairs Bldg	Brent Stockwell	4	166

BIOC C3512 Molecular Biology. 3 points.

Prerequisites: one year of biology. Recommended but not required: *BIOC C3501*.

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.

Spring 2015: BIOC C3512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3512	001/12804	M W 2:40pm - 3:55pm 702 Hamilton Hall	James Manley, Jennifer Punt	3	73/84

BIOC W4501 Biochemistry: Structure and Metabolism. 4 points.

Undergraduates should register for *BIOC C3501*.

Prerequisites: One year of *BIOL C2005* and *BIOL C2006* and one year of organic chemistry.

Lecture and recitation. Students wishing to cover the full range of modern biochemistry should take both *BIOC C3501* and *C3512*. *C3501* 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.

Fall 2014: BIOC W4501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 4501	001/68009	T Th 2:40pm - 3:55pm 417 International Affairs Bldg	Brent Stockwell	4	1

BIOC W4512 Molecular Biology. 3 points.

Prerequisites: one year of biology. Recommended but not required: *BIOC C3501*.

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.

Spring 2015: BIOC W4512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 4512	001/23515	M W 2:40pm - 3:55pm 702 Hamilton Hall	James Manley,	3	3/20

Jennifer Punt

BIOL W1015 Molecular Biology and Evolution for Nonscientists. 0 points.

Not Offered During 2014-15 Academic Year.

Lecture and recitation. Normally may not be taken for credit by any student who has previously completed any biology course numbered 2000 or above. Want to learn enough to understand the Tuesday Science Times? Be able to explain cloning to your friends? This is the course for you. What molecular biologists know, how they figured it out, and what they are likely to try next. How molecular biology and evolutionary theory influence each other. Experiments leading to current knowledge in molecular biology and evolution are discussed in detail and analyzed quantitatively. Website: <http://www.columbia.edu/cu/biology/courses/c1015/index.html>

BIOL W1130 Genes and Development. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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).

Spring 2015: BIOL W1130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 1130	001/67298	T Th 2:40pm - 3:55pm 602 Northwest Corner	Tulle Hazelrigg	3	19/20

BIOL W1300 Environmental Science. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

For nonscience majors. Analysis of the relationships between humans and their environment. The Earth's life-supporting systems; energy and matter requirements of living organisms; land and aquatic ecosystems; human population. Resources: energy, minerals, soil, water, biodiversity. Impact of human activities on the environment: resources' depletion; pollution; climate change. Prospects for sustainable development of the human society.

BIOL F2401 Contemporary Biology I: Biochemistry, Genetics & Molecular Biology. 3 points.

Prerequisites: a course in college chemistry or the written permission of either the instructor or the premedical adviser. 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>

Fall 2014: BIOL F2401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2401	001/11071	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Lawrence Chasin, Deborah Mowshowitz	3	134

BIOL F2402 Contemporary Biology II: Cell Biology, Development & Physiology. 3 points.

Prerequisites: a course in college chemistry and *BIOL C2005* or *F2401*, 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 C2006*, 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/>

Spring 2015: BIOL F2402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2402	001/64928	T Th 6:10pm - 7:25pm 309 Havemeyer Hall	Deborah Mowshowitz	3	119/339

BIOL W2501 Contemporary Biology Laboratory. 3 points.

Enrollment per section limited to 28. Lab Fee \$150.

Corequisites: Strongly recommended prerequisite or corequisite: *BIOL C2005* or *F2401*.

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.

Fall 2014: BIOL W2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2501	001/26536	M 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	23/28
BIOL 2501	002/14250	T 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	25/28
BIOL 2501	003/66844	W 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	26/28

BIOL 2501	004/71930	Th 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	21/28
BIOL 2501	005/98046	Th 7:50pm - 11:50pm 922 Schermerhorn Hall	Claire Hazen	3	18/28
BIOL 2501	006/18981	F 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	22/28
BIOL 2501	007/72199	W 7:30pm - 11:30pm 922 Schermerhorn Hall	Claire Hazen	3	14/28

Spring 2015: BIOL W2501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 2501	002/15003	T 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	28/28
BIOL 2501	003/24645	W 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	20/28
BIOL 2501	004/24581	Th 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	14/28
BIOL 2501	005/65996	Th 7:40pm - 11:30pm 922 Schermerhorn Hall	Claire Hazen	3	16/28
BIOL 2501	006/61614	F 1:10pm - 5:00pm 922 Schermerhorn Hall	Claire Hazen	3	22/28

BIOL W3002 Introduction to Animal Structure and Function. 6 points.

Lab Required

Laboratory fee: \$150. **Not Offered During 2014-15 Academic Year.**

Prerequisites: one year each of biology and college physics. Both laboratory sessions are required. Introduction to animal form and function, using the vertebrates as examples, with emphasis on the comparative and evolutionary approaches. Interrelationship between the form-function complex with emphasis on the skeletal-muscular systems, and the organismal-environmental interactions; different morphological solutions to the same environmental problem. Laboratories include dissection of vertebrate structure and the analysis of its function. Registration for one of the two lab sections (*BIOL W3012*) is required.

Fall 2014: BIOL W3002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3002	001/64141			6	0

BIOL W3004 Neurobiology I: Cellular and Molecular Neurobiology. 4 points.

Discussion Section Required

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 2014: BIOL W3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3004	001/69155	T Th 4:10pm - 5:25pm 501 Schermerhorn Hall	Stuart Firestein	4	94

BIOL W3005 Neurobiology II: Development & Systems. 4 points.

Prerequisites: *BIOL W3004*, one year of biology, or the instructor's 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/>. 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 W3004* Neurobiology I: Molecular and Cellular Neuroscience, or a similar course, before enrolling in *BIOL W3005*. Students unsure about their backgrounds should check a representative syllabus of *BIOL W3004* on the *BIOL W3004* website (<http://www.columbia.edu/cu/biology/courses/w3004/>). Website for *BIOL W3005*: <http://www.columbia.edu/cu/biology/courses/w3005/index.html>

Spring 2015: BIOL W3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3005	001/18284	T Th 4:10pm - 5:25pm 310 Fayerweather	Rafael Yuste	4	78

BIOL W3006 Physiology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *BIOL C2005* & *C2006* or *F2401* & *F2402*, 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.

Spring 2015: BIOL W3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3006	001/69784	T Th 5:40pm - 6:55pm 501 Northwest Corner	Nataliya Galifianakis	3	100

BIOL W3008 The Cellular Physiology of Disease. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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 W3022 Developmental Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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.

Fall 2014: BIOL W3022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3022	001/71085	T Th 1:10pm - 2:25pm 601 Fairchild Life Sciences Bldg	Alice Hecklen	3	42

BIOL W3031 Genetics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *BIOL C2005-C2006* or the equivalent.

Students may receive credit for *W3031* or *C3032*, but not both due to overlap in course content. General course in genetics and genomics dealing with principles of gene structure, function, regulation, and transmission. Historical development, experimental basis of current knowledge, and roles of model organisms are stressed. Includes a thorough understanding of disease gene discovery, and an introduction to topics in developmental, cancer, and population genetics.

Spring 2015: BIOL W3031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3031	001/24672	T Th 10:10am - 11:25am 310 Fayerweather	Ava Brent	3	60

BIOL W3034 Biotechnology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: genetics or molecular biology.

For upper-level undergraduates. 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 2014: BIOL W3034

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3034	001/14582	M W 4:10pm - 5:25pm 503 Hamilton Hall	Lawrence Chasin, Daniel Kalderon	3	7

BIOL W3037 Bioinformatics of Gene Expression. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required

Not Offered During 2014-15 Academic Year.

Prerequisites: genetics or molecular biology and chemistry or physics.

Treats a number of topics in the emerging fields of genomics and bioinformatics, such as sequence alignment, genome annotation, and DNA microarray analysis, with an emphasis on the proper use of statistics. Provides a practical introduction to the Perl programming language and utilizes a computer lab. Computer lab session on Thursday at either 1:00-2:30pm or 3:00-4:30pm.

BIOL W3040 Lab in Molecular Biology. 3 points.

Enrollment limited to 12. Lab fee: \$150.

Prerequisites: one year of biology (C2005-C2006) and Contemporary Biology Laboratory (C2501).

This lab will explore various molecular biology techniques frequently utilized in modern molecular biology laboratories. The lab will consist of three modules: 1) Molecular verification of genetically modified organisms (GMOs); 2) Site-directed mutagenesis; and 3) PCR isolation, cloning, and analysis of the GAPDH gene.

Spring 2015: BIOL W3040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3040	001/75979	W 1:10pm - 5:00pm 743 Seeley W. Mudd Building	Alice Hecklen	3	8/12
BIOL 3040	001/75979	M 2:40pm - 3:55pm 1000 Fairchild Life Sciences Bldg	Alice Hecklen	3	8/12

BIOL W3041 Cell Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of biology, normally *BIOL C2005-C2006*, or the equivalent.

Corequisites: Biochemistry.

Introduction to cell biology stressing the architecture of the cell as it relates to cellular function, physiology, biochemistry, and disease, as well as some detailed discussions of the experiments that have informed our current views of the cell.

Fall 2014: BIOL W3041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3041	001/28105	T Th 10:10am - 11:25am 601 Fairchild Life Sciences Bldg	Elizabeth Miller	3	56

BIOL W3050 Project Laboratory In Protein Biochemistry. 5 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: one year of biology (C2005-C2006) 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 W3050 will not be offered in the 2011-2012 academic year. An alternate Project Lab will be offered in the 2011-2012 academic year: Biol W3058 Project Lab in Microbiology.

BIOL W3058 Project Laboratory in Microbiology. 5 points.

Lab fee: \$150.

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*.

Spring 2015: BIOL W3058

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3058	001/63321	T Th 1:10pm - 5:00pm 743 Seeley W. Mudd Building	Lars Dietrich	5	14/14

BIOL W3073 Cellular and Molecular Immunology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as *C2005* and *C2006*), or the instructor's 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, and transplantation. Taking this course won't 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.

Fall 2014: BIOL W3073

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3073	001/27334	M W 11:40am - 12:55pm 717 Hamilton Hall	Solomon Mowshowitz	3	67

BIOL W3190 Stem Cells: Biology, Ethics and Applications. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: Introductory Biology (*BIOL W2005*, *W2006*) plus one semester of Biology at the 3000 level or above; otherwise seek instructor's permission (contact ddk1@columbia.edu).

Dramatic advances in Stem Cell biology have created new possibilities for medical research and treatment. Realization of potential benefits requires continued scientific advances but also negotiation of the regulatory terrain and ethical considerations that determine what types of research and applications can and should be advanced. This course

addresses the major breakthroughs and possibilities for both pluripotent stem cells (embryonic stem cells and induced pluripotent stem cells) and adult tissue-specific stem cells, including ethical and regulatory perspectives. Several classes will be predominantly lecture style while others will be largely discussion of ethics, medical applications, or research papers. In addition the course features two public lectures concerning cutting edge stem cell research, an invited expert on regulatory affairs and a visit to the New York Stem Cell Foundation Laboratory. The course can be used as an elective for majors in Biology, Biochemistry, Biophysics, or Neuroscience and Behavior.

BIOL W3193 Stem Cell Biology and Applications. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: three semesters of Biology or the instructor's 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 W3208 Introduction to Evolutionary Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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.

Fall 2014: BIOL W3208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3208	001/69407	M W 10:10am - 11:25am 601c Fairchild Life Sciences Bldg	Walter Bock	3	2

BIOL W3310 Virology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as *C2005*), 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, although selected bacterial viruses will be discussed.

Spring 2015: BIOL W3310

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3310	001/22624	M W 4:10pm - 5:25pm 501 Northwest Corner	Vincent Racaniello	3	105/150

BIOL W3500 Independent Biological Research. 3-4 points.

Fee: \$150

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; details of this procedure are available on the Internet at <http://www.columbia.edu/cu/biology/courses/w3500/index.htm>
Corequisites: *BIOL W3600* required in the spring for students who have not previously taken *W3500*.

Up to 4 points of letter-grade credit may be used toward the major. Independent study, faculty-supervised laboratory projects in contemporary biology. 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. NEW for SPRING 2014: There are two recitations times for the course, Wednesdays at 5 PM and Thursdays at 5 PM, each for 60-90 minutes. You must sign up for one of these times and be present at most sessions (details will be announced during the course). These sessions will be used primarily for student presentations. They will not meet every week but as announced during the course. (If you have a conflict with both of these times, you must write to Dr. Prywes with detailed reasoning to ask for an exemption. Exemptions will only be granted for required course conflicts.) New for Spring 2015, students must register for a recitation section, BIOL W3510.

Fall 2014: BIOL W3500

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3500	001/26187		Ron Prywes	3-4	80

Spring 2015: BIOL W3500

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3500	001/65021		Ron Prywes	3-4	72

BIOL W3600 Biological Research Skills. 1 point.

Not Offered During 2014-15 Academic Year.

Corequisites: *BIOL C3500*.

This is a companion course to *BIOL C3500* Independent Research. Students will present their research plans and results in order to gain experience in communicating about science and to get feedback (from the instructor and other students) to

improve their presentation and research skills. This is a pass/fail course.

BIOL W3700 Independent Clinical Research. 2-4 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. *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.

Fall 2014: BIOL W3700

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3700	001/72683		Robert Pollack	2-4	3

Spring 2015: BIOL W3700

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3700	001/23863		Robert Pollack	2-4	6

BIOL W3990 Readings in Cell Biology. 4 points.

Enrollment strictly limited to 24.

Prerequisites: Cell Biology (3041/4041) and the instructor's permission.

This is an advanced cell biology course that uses detailed discussion of the primary literature to understand fundamental cellular processes. The focus is on dissecting research papers to gain insight into the rationale behind specific experimental approaches, understand how experiments are performed, and critically analyze the data and interpretations. We will start with an introduction to critical thinking and experimental design, and then probe four sequential papers from a prominent research lab that all investigate the same biological process. In this way, students gain an understanding of the creative nature of laboratory research and see how a research project develop and diversifies. Course requirements: Students must read assigned sections of each paper prior to class and be prepared to discuss the experimental approaches, outcomes and interpretations. Students will participate in

group discussions, small group activities and must present findings to the class. Assessment will be based on periodic assignments, a midterm take-home exam, a final exam and a folio that students will maintain to track their own progress and document their findings. Participation in class discussions will also contribute to the final grade.

BIOL W3995 (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.

Spring 2015: BIOL W3995 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3995	001/17446 W	1:10pm - 2:25pm 414 Pupin Laboratories	John Loike	1-2	18/30

BIOL W3995 (Section 2) Topics In Biology: Neuroscience and The Law. 1 point.

Prerequisites: at least one advanced course in neurophysiology. No background in law is needed.

This course discusses the human behaviors that are subject to the law, and examines the neurobiological understanding of those behaviors. Closeness of fit between legal notions of human behavior will be compared with knowledge of neurobiology--especially in the understanding of anxiety, drug addiction, and adolescence. Each week, a different type of behavior or class of individuals will be discussed. Readings will be split between primary literature in neuroscience and scholarly articles in law.

Fall 2014: BIOL W3995 (Section 2)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3995	002/61762 W	12:00pm - 1:00pm 601c Fairchild Life Sciences Bldg	Jozsef Meszaros	1	8/30

BIOL W3995 (Section 3) Topics in Biology: Introduction to Clinical Research in Emergency Medicine. 1-2 points.

This course is designed to introduce students who are interested in medical careers to the goals, nomenclature, principles, and practical reality of clinical research, with an emphasis on the emergency department (ED) setting. The

course focuses on terminology, data collection techniques, research design, and basic biostatistics. Understanding research and clinical emergency medicine as an avenue to understanding clinical studies and their implications will be emphasized. Group exercises will include design and implementation of two factitious hypothetical studies where funding, time scale, and resource availability will be considered. A mid-term examination will concentrate on terminology, data collection techniques, and a final examination will focus on research design. Basic didactic biostatistics material will be taught primarily for purposes of familiarization and interpretation of research and will be aimed at the non-mathematician (no math or statistics prerequisites). There will be an option for a 1-point or 2-point version of the course when registering. The 1-point course will include didactic material and one lecture per week, and will not include ED time. The 2-point course (limited to 40 students per semester) in which students will act as research assistants will require inclusion in the Academic Associates research assistant program at St. Luke's/Roosevelt Hospital ED or in the Sinai Associates Program at Mt Sinai School of Medicine ED. This includes two 4-hour shifts per week of ED time in which students will learn how to assist in the execution of clinical research including performing consents, data collection, and database interaction (for further details regarding the Academic Associate program, see the web site (<http://www.columbia.edu/cu/aap/>)). ED time will be arranged to fit in and around the student's academic schedule as needed. Additionally, three to five evening practical sessions will cover ongoing individual ED projects in depth, and students will be shown and instructed on basic procedural skills in emergency medicine (lumbar puncture, endotracheal intubation, etc.) as well as shown dynamic and static invasive imaging including ultrasound, CT scans, and others. The 2-point course is recommended for those students looking to gain clinical research experience and hands on ED time with physicians in the clinical setting.

Fall 2014: BIOL W3995 (Section 3)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3995	003/83031 T	4:10pm - 6:00pm 644 Seeley W. Mudd Building	David Newman	1-2	31/30

BIOL W3995 (Section 4) Topics in Biology: Methods in Biological Research. 1 point.

Not Offered During 2014-15 Academic Year.

Prerequisites: one year of General Chemistry and one semester of Introductory Biology C2005 (or an equivalent), or the instructor's permission. Basic knowledge of Organic Chemistry or prior research experience are helpful but not required. This is a 1-credit discussion course designed for students who have learned the basics of biology and wish to better familiarize themselves with the modern tools of biology research. This course will serve as a good preparation for

upper-level biology courses, as well as for independent research work.

Topics covered include methods in biochemical analysis (manipulations and measurements of proteins, nucleic acid, and other relevant molecules/structures), genetic analysis, cell biology, and various microscopy techniques. The course meets once a week, and emphasizes group work and student discussion. Students will be exposed to primary literature and current research, and will learn how to read and analyze it critically, as well as suggest solutions to new problems based on the methods discussed. Interested students will be asked to provide information about relevant course work, and a brief description of why they are interested in the course. **Note: when registering for this class, students must choose to go on a waitlist (wishlist), and fill in the Google form that is found on the Courseworks home page of this course.**

BIOL W3995 (Section 5) Topics in Biology: Translational Science and Medicine. 1 point.
Not Offered During 2014-15 Academic Year.

Translational Science and Medicine (1 credit) focuses on identifying guidelines and principles that scientists and clinicians must consider before proposing and initiating clinical trials. The biotechnologies covered will include stem cell science, synthetic biology, gene based diagnostics, and reproductive medicine. Class will be limited to 20 students. Topics include: 1. Defining translational science, its needs, and its challenges. 2. -Methodology and identifying the necessary problem solving skills to implement translational science. -Disruptive Innovation and Translational science. 3. -Failure and recovery in translational science. -Importance of accidental discoveries. 4. Harvard Innovation Lab- a futurist model for translational science and comparing it to Columbia's new project. 5. Advances in synthetic biology and Gene-Editing technologies 6. Advances in stem cell science and reproductive medicine 7. FDA guidelines for clinical studies 8. -Relevance in using animal models to study human disease to study human disease -Identifying the best diseases for initial clinical trials. 9. When is it ethical to initiate clinical trials from data obtained from animal studies or in vitro studies. 10. Ethics in translational science. 11. Impact of the press and public opinion on translational science.

BIOL W3995 (Section 6) Topics in Biology: Foundations of Molecular Biology. 1 point.

Prerequisites: A college-level course in Introductory Biology or permission of instructor.

60 years have passed between the ground-breaking paper of Watson and Crick describing the structure of DNA and, with the sequencing of the human genome, current efforts to develop personalized Molecular Medicine. Students in this course will read and discuss selected key papers to develop a better appreciation of how the field of Molecular Biology emerged. Analysis of these papers will enable both science and non-science majors to enhance their understanding of the field and the logic behind hypothesis-driven research. Most of the

papers to be discussed will be from the 1950s and early 1960s -- the "Golden Age" of Molecular Biology. As appropriate we will also consider events of the time as they influenced development of the field. Maximum registration: 15 students.

Spring 2015: BIOL W3995 (Section 6)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 3995	006/16691	Th 1:10pm - 2:25pm 401 Hamilton Hall	Elliot Hertzberg	1	5/15

BIOL W4001 Advanced Genetic Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
 Enrollment limited to 25.

Prerequisites: for undergraduates: Introductory Genetics (*W3031*) and the instructor's 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.

Fall 2014: BIOL W4001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4001	001/24251	T 1:10pm - 3:55pm 800 Fairchild Life Sciences Bldg	Martin Chalfie	3	20/28

BIOL W4004 Neurobiology I: Cellular and Molecular Neurobiology. 4 points.

Discussion Section Required

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 2014: BIOL W4004

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4004	001/71168	T Th 4:10pm - 5:25pm 501 Schermerhorn Hall	Stuart Firestein	4	14

BIOL W4005 Neurobiology II: Development and Systems. 3 points.

Prerequisites: *Biology W4004*, one year of biology, or the instructor's permission.

This course is a graduate seminar in Developmental and Systems Neuroscience for students matriculated in a PhD program in Neuroscience. Undergraduate students should instead enroll in W3005y.

Spring 2015: BIOL W4005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4005	001/73676	T Th 4:10pm - 5:25pm 310 Fayerweather	Darcy Kelley	3	18/20

BIOL W4008 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 W4011 Circuits in the Brain. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Enrollment limited to 25.

This course is an advanced seminar that will review current knowledge about the computations carried out by circuits present in the CNS. The class will run as a seminar discussion, where it is assumed that every student will have studied the reading material ahead of time and will be knowledgeable enough to explain it. *W3004* and *W3005* are ideal background for the course. Graduate students are welcome, but undergraduate students in their final year and majoring in Neuroscience and Behavior will have preference. Auditors will not be accepted. Instructor permission is necessary for registration. For grading, a short (maximum 5 page) essay on any of the topics discussed in the course is due on the last day of class and will be used for the final grade, together with evaluation of class participation.

BIOL W4022 Developmental Biology. 3 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.

Fall 2014: BIOL W4022

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4022	001/61465	T Th 1:10pm - 2:25pm 601 Fairchild Life Sciences Bldg	Alice Hecklen	3	2

BIOL W4028 Computer models in Biology. 0 points.

Prerequisites: Calculus, Cell Biology (or a strong intro class), PChem desirable but not required, or permission from the instructor. Some computer programming desirable, but is neither required nor essential.

This course is intended to introduce students in the biological and physical sciences to techniques in computer programming and the modeling of biological systems. We will meet for 3 hours once a week. The first hour and a half of each class will be devoted to discussing the fundamentals of a biological system of interest. In the second half of the class, we will introduce a modeling approach to the problem, and divide into groups to begin writing a computer program to analyze the biological system discussed in the first half of the lecture. The first part of the course (weeks 1-6) will cover the basics of programming in Igor (Wavemetrics). We will then move on to basic statistical methods in Igor, including curve fitting and bootstrapping. Students will be asked to complete programming homework assignments designed to develop their skills early on. The second part of the course (weeks 6-12) will present the class with problems in the scientific literature and the algorithms used to solve them. Examples of problems that we will discuss in class include solving the equations for the action potential, modeling diffusion and chemical reactions. This course will be of interest to advanced undergraduates that aim to pursue careers in medicine and basic science research. This course will also be of interest to graduate students desiring an introduction to computer programming and modeling in biological research.

Spring 2015: BIOL W4028

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4028	001/83443	W 4:10pm - 7:00pm 800 Fairchild Life Sciences Bldg	Julio Fernandez	0	5

BIOL W4031 Genetics. 3 points.

Open to Biotech M.A. students and other graduate students.

Prerequisites: *BIOL C2005-C2006* or the equivalent.

Corequisites: Recommended co-requisite: one term of organic chemistry.

Students may receive credit for *W3031* or *C3032*, but not both due to overlap in course content. General course in genetics dealing with principles of gene structure, function, and transmission. Historical development and experimental basis of current knowledge are stressed.

Spring 2015: BIOL W4031

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4031	001/63965	T Th 10:10am - 11:25am 310 Fayerweather	Ava Brent	3	6

BIOL W4032 Genetics. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *EEEB W2001* or *BIOL C2005*, and *C2006* or the equivalent.

Corequisites: one term of organic chemistry.

General course in genetics dealing with principles of gene structure, function, and transmission. Both classical (transmission) and molecular genetics are discussed. Historical development and experimental basis of current knowledge are stressed to familiarize the student with the methods and logical bases of genetic research. Students may receive credit for *W3031* or *W3032*, but not both due to overlap in course content.

BIOL W4034 Biotechnology. 3 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 2014: BIOL W4034

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4034	001/15937	M W 4:10pm - 5:25pm 503 Hamilton Hall	Lawrence Chasin, Daniel Kalderon	3	40

BIOL W4037 Bioinformatics of Gene Expression. 3 points.
Not Offered During 2014-15 Academic Year.

Treats a number of topics in the emerging fields of genomics and bioinformatics, such as sequence alignment, genome annotation, and DNA microarray analysis, with an emphasis on the proper use of statistics. Provides a practical introduction to the Perl programming language and utilizes a computer lab.

BIOL W4065 Molecular Biology of Disease. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment limited to 30. **Not Offered During 2014-15 Academic Year.**

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 W4070 The Biology and Physics of Single Molecules. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: calculus, chemistry, physics, one year of biology, or 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 W4073 Cellular and Molecular Immunology. 3 points.

Category: AS

Prerequisites: two semesters of a rigorous, molecularly-oriented introductory biology course (such as *C2005* and *C2006*), or the instructor's 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, and transplantation. Taking this course won't 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.

Fall 2014: BIOL W4073

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4073	001/61988	M W 11:40am - 12:55pm 717 Hamilton Hall	Solomon Mowshowitz	3	3

BIOL W4077 Survey in Molecular and Cellular Biology: Cellular Stress Responses. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: one year of introductory biology and at least one semester of additional biology courses. Recommended: *BIOL W3041* Cell Biology, *BIOL C3512* Molecular Biology.

This is an advanced molecular and cellular biology course geared to upper level undergraduates and graduate students. The topic of this year will be cellular stress responses. We will read and analyze a series of reviews on this topic ranging from the stress of DNA damage on cells to metabolic stress to the stress of aging. We will also read key research articles on these topics. The signaling pathways, mechanisms, targets, and biological relevance will be reviewed. An emphasis will be made on understanding how important discoveries were made. Students will develop their own review articles on related subjects and present multiple research proposals.

BIOL W4082 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.

Spring 2015: BIOL W4082

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4082	001/74856	T Th 11:40am - 12:55pm 601 Fairchild Life Sciences Bldg	John Hunt	4	12

BIOL W4150 The Cell As a Machine: Cell Biophysics and Biosystems Engineering. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisite: calculus, cell biology or biochemistry, and physics. Cells are complex micron-sized machines that rely upon basic physical aspects of the cell components (diffusion, mechanics, electrostatics, and hydrophobicity) and energy transduction (by motors, transporters, chaperones, and synthesis complexes) to perform basic cell functions. The biophysical principles involved are described.

BIOL W4158 Seminar in Nucleic Acids: Microbiology & the Control of Infectious Diseases. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: the instructor's permission.

This is a seminar course in which the focus will be on noxious germs or substances that might be used by bioterrorists. Ten of the most credible biological threats will be discussed. Each week, a joint seminar on one of these will be presented by three students. There is a substantial literature in this field and our reference librarian Kathleen Kehoe has offered to explain how to access this literature at our first class meeting.

BIOL W4193 Stem Cell Biology and Applications. 3 points.

Corequisites: three semesters of Biology or the instructor's 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 W4205 Origins of Life. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: Recommended: one term of biology and one year of chemistry.

Divided into four areas of study: events from the time of the Big Bang to the formation of a habitable planet; the basic strategies of living systems; how basic chemistry works in living systems and how these systems might have evolved in the prebiotic world; and the evolution of living systems.

BIOL W4300 Drugs and Disease. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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. Website: <http://www.columbia.edu/cu/biology/courses/w4300/>

Fall 2014: BIOL W4300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4300	001/63145	M W 2:40pm - 3:55pm 503 Hamilton Hall	Lili Yamasaki	3	50

BIOL W4312 Chemical Biology. 4 points.

Prerequisites: elementary organic chemistry *CHEM C3443*, *CHEM C3444*. Recommended preparation: elementary physical chemistry and biochemistry *CHEM C3079*, *CHEM C3080*.

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.

BIOL W4400 Computational Genomics. 4 points.

Prerequisites: the instructor's permission.

This course will meet as a seminar once weekly and will give a “hands on” introduction to genomics research. It will introduce the computational tools and statistical concepts needed to analyze and interpret next generation sequencing data (primarily RNA-seq). The course will cover machine-learning approaches to model and mine biological data. The course will survey current topics in systems biology, including gene expression, transcriptional regulation, epigenomics, ribosome profiling, enhancer localization, and genome conformation. The course will include a reading of primary literature and a genomics research project.

Spring 2015: BIOL W4400

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4400	001/19426	F 10:10am - 12:40pm 337 Seeley W. Mudd Building	Dana Pe'er	4	14

BIOL W4510 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)

Spring 2015: BIOL W4510

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4510	001/20688	M 2:40pm - 5:25pm 601 Fairchild Life Sciences Bldg	Harmen Bussemaker	4	37/40

BIOL W4560 Evolutionary Biology in the Age of Genomics. 4 points.

This graduate and upper division undergraduate course introduces basic concepts in evolutionary biology. While the course incorporates a historical perspective, the main goal is to familiarize students with questions and tools of evolutionary genetics as it is practiced today, in the era of genomics. In particular, the focus will be on population genetics and molecular evolution and exercises will assume a basic background in genetics and comfort with high school math and basic statistics.

Spring 2015: BIOL W4560

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4560	001/73547	T Th 4:10pm - 5:25pm 222 Pupin Laboratories	Guy Sella	4	5

BIOL W4799 Readings In the Molecular Biology of Cancer. 3 points.

Category: AS

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.

Spring 2015: BIOL W4799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BIOL 4799	001/70126	T Th 2:40pm - 3:55pm 601 Fairchild Life Sciences Bldg	Carol Prives, Lili Yamasaki	3	11

BIOL W4140 Fundamentals of the Bioscience Industry. 3 points.

Open only to students in the M.A. Program in Biotechnology. This course requires competitive application to a certificate program and additional tuitions (portion reimbursed by the

Biotech Program) payable to New York State's Center for Biotechnology.

BIOT W4160 Biotechnology Law. 3 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. Biotechnology Program students have enrollment priority.

Spring 2015: BIOT W4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4160	001/22188	W 6:10pm - 8:00pm 301m Fayerweather	Alan Morrison	3	26/40

BIOT W4180 Entrepreneurship in Biotechnology. 3 points.

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/>

Fall 2014: BIOT W4180

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4180	001/76014	F 9:00am - 10:50am 417 International Affairs Bldg	David Sable	3	405

BIOT W4200 Biopharmaceutical Development & Regulation. 3 points.

Category: AS

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 2014: BIOT W4200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4200	001/23314	Th 4:10pm - 6:00pm 700 Fairchild Life Sciences Bldg	Ron Guido	3	55

BIOT W4201 Seminar in Biotechnology Development and Regulation. 3 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 2015: BIOT W4201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOT 4201	001/74321	Th 4:10pm - 6:00pm 700 Fairchild Life Sciences Bldg	Ron Guido	3	34/35

HPSC W3201 Philosophy and History of Evolutionary Biology. 3 points.

Prerequisites: the instructor's permission.

This course does not carry credit as a biology course. Explores the philosophical basis and historical development of evolutionary biology as a means of inquiry into causation, explanation, and testing in biology, and the implications for human understanding. Topics include Darwinian evolutionary theory, problems of creationism, theories of inheritance, Mendelism and natural selection, species concepts, adaptation and macroevolution, and the rise of the synthetic theory of evolution, both nomological and historical.

Fall 2014: HPSC W3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HPSC 3201	001/16414	M W 1:10pm - 2:25pm 1107 Fairchild Life Sciences Bldg	Walter Bock	3	2

OF RELATED INTEREST**Biomedical Engineering**

BMEN E4150 The cell as a machine

Chemistry

BIOC C3501 Biochemistry, I: Structure and Metabolism

BIOC C3512 Molecular Biology

Ecology, Evolution, and Environmental Biology

EEEB W2001 Environmental Biology I: Elements to Organisms

EEEB W4321 Human Identity

History and Philosophy of Science

HPSC W3201 Philosophy and History of Evolutionary Biology

Physics

PHYS G4075 Biology at Physical Extremes

Psychology

PSYC W1010 Mind, Brain and Behavior

BUSINESS

Program Manager: Saphia Najafee, 104 Uris; 212-854-0140;
BusinessManagement@gsb.columbia.edu

<http://www8.gsb.columbia.edu/programs-admissions/academics/versatile-programs/special-concentration-in-business-management>

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; 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.

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 W1001	Introduction to Statistical Reasoning
STAT W1111	Introduction to Statistics (without calculus)
STAT W1211	Introduction to Statistics (with calculus)

PSYC W1610	Introductory Statistics for Behavioral Scientists
SOCI W3020	Social Statistics

Economics Prerequisite

ECON W1105	Principles of Economics
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Psychology/Sociology Prerequisite

Select one of the following:

PSYC W1001	The Science of Psychology
PSYC W1010	Mind, Brain and Behavior
SOCI W1000	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

While students may complete the special concentration requirements without applying to the program, 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

FACULTY

AFFILIATED FACULTY

- Andrew Hertzberg (<http://www0.gsb.columbia.edu/faculty/ahertzberg>)
- Roger Mesznik
- Ernesto Reuben (<http://www4.gsb.columbia.edu/cbs-directory/detail/731815/Ernesto+Reuben>)
- Aaron Wallen (<http://www4.gsb.columbia.edu/cbs-directory/detail/5845593/Aaron+Wallen>)
- Keith Wilcox (<http://www4.gsb.columbia.edu/cbs-directory/detail/7520565/Keith%20Wilcox>)
- Emily Breza (<http://www0.gsb.columbia.edu/faculty/ebreza>)

- Stephan Meier (<http://www4.gsb.columbia.edu/cbs-directory/detail/138231/Stephan+Meier>)
- Leonard Lee (<http://www4.gsb.columbia.edu/cbs-directory/detail/5845231/Leonard+Lee>)
- Ran Kivetz (<http://www4.gsb.columbia.edu/cbs-directory/detail/494949/Kivetz>)
- Bruce Kogut (<http://www4.gsb.columbia.edu/cbs-directory/detail/6334308/Bruce+Kogut>)

REQUIREMENTS

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 above requirement or previous requirement of B+ or better in at least two of the prerequisites and 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 and elective courses **cannot** be double counted.

For information about this special concentration, including the application process, visit <http://www8.gsb.columbia.edu/programs-admissions/academics/versatile-programs/special-concentration-in-business-management>.

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 W1001 Introduction to Statistical Reasoning

STAT W1111 Introduction to Statistics (without calculus)

STAT W1211 Introduction to Statistics (with calculus)

PSYC W1610 Introductory Statistics for Behavioral Scientists

SOCI W3020 Social Statistics

Select the following economics course:

ECON W1105 Principles of Economics

Select one of the following psychology/sociology courses:

PSYC W1001 The Science of Psychology

PSYC W1010 Mind, Brain and Behavior

SOCI W1000 The Social World

Core

Select one of the following Financial Core courses:

BUSI W3013 Financial Accounting

ECON W4280 Corporate Finance

Select two of the following Managerial Core courses:

BUSI W3021 Marketing Management

BUSI W3701 Strategy Formulation

BUSI W3703 Leadership in Organizations

Electives

Select two of the following:

ECON V3025 Financial Economics

ECON V3265 The Economics of Money and Banking

PSYC W2235 Thinking and Decision Making

PSYC W2630 Social Psychology

PSYC W2640 Introduction to Social Cognition

PSYC W2650 Introduction to Cultural Psychology

SOCI W2240 Economy and Society

SOCI W3490 Mistake, Misconduct, Disaster

SOCI W3670 Culture, Markets, and Consumption

SOCI W3675 Organizing Innovation

SOCI G4032	Sociology of Labor Markets
URBS V3550	Community Building and Economic Development
ECON W4505	International Monetary Theory and Policy
POLS V3615	Globalization and International Politics
PSYC BC1136	Social Psychology
PSYC BC1138	Social Psychology
PSYC BC2151	Organizational Psychology

NOTE: Students may not receive credit for two or more of PSYC BC1136 Social Psychology, *PSYC BC1138 Social Psychology*, and PSYC W2630 Social Psychology.

COURSES

BUSI W3013 Financial Accounting. 3 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 2014: BUSI W3013

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3013	001/87192	T Th 5:40pm - 6:55pm 602 Hamilton Hall	Mingcherng Deng	81/85	

Spring 2015: BUSI W3013

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3013	001/97192	T Th 5:40pm - 6:55pm 310 Fayerweather	Mingcherng Deng	76/85	

ECON W4280 Corporate Finance. 3 points.

Prerequisites: *ECON W3211, W3213 and STAT W1211*. Please note that this course is not open to engineering students. 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.

Fall 2014: ECON W4280

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/12800	T Th 1:10pm - 2:25pm 413 International Affairs Bldg	Andrew Hertzberg	3	64/67
ECON 4280	002/73883	T Th 4:10pm - 5:25pm 517 Hamilton Hall	Tri Vi Dang	3	85/80

Spring 2015: ECON W4280

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/23165	T Th 1:10pm - 2:25pm 517 Hamilton Hall	Gailen Hite	3	67/80
ECON 4280	002/66423	T Th 4:10pm - 5:25pm 410 International Affairs Bldg	Tri Vi Dang	3	71/69

BUSI W3021 Marketing Management. 3 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 2014: BUSI W3021

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3021	001/11297	W 4:10pm - 7:00pm 303 Uris Hall	Kamel Jedidi, Kinshuk Jerath	3	54/60

Spring 2015: BUSI W3021

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3021	001/25281	M 9:00am - 11:55am 142 Uris Hall	Kamel Jedidi	3	68/72

BUSI W3703 Leadership in Organizations. 3 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.

Fall 2014: BUSI W3703

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3703	001/16848	M 4:10pm - 7:00pm 301 Uris Hall	Aaron Wallen	3	82/60

BUSI W3701 Strategy Formulation. 3 points.

Provides an introduction to strategic management with two broad goals: 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 that allow their company to obtain a financial advantage. Allows students to gain a better understanding of strategic issues and begin to master the analytic tools the strategists use, by studying the strategic decisions of companies in many different industries and countries, ranging from U.S. technology firms to a Swiss bank and a Chinese white-goods manufacturer. Topics include what companies can do to outperform their rivals; analysis of the competitive moves of rival firms relying heavily on game-theoretic concepts; and when it makes sense for companies to diversify and globalize their business.

Spring 2015: BUSI W3701

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BUSI 3701	001/63011	W 10:45am - 2:00pm 142 Uris Hall	Ernesto Reuben	3	83/84

CHEMISTRY

Undergraduate Office: 340 Havemeyer; 212-854-2163

Departmental Office: 344 Havemeyer; 212-854-2202
<http://www.columbia.edu/cu/chemistry/>

Director of Undergraduate Studies: Prof. Laura Kaufman, 628 Havemeyer; 212-854-9025;
kaufman@chem.columbia.edu

Program Manager for Undergraduate Studies: Dr. Vesna Gasperov, 211A Havemeyer; 212-854-2017;
vg2231@columbia.edu

Biochemistry Advisers:

Biology: Prof. Brent Stockwell, 1208 Northwest Corner Building; 212-854-2919; stockwell@biology.columbia.edu
Chemistry: Prof. Virginia Cornish, Northwest Corner Building; 212-854-5209; vc114@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. The amount of credit granted is based on the results of the department placement exam and completion of the requisite course. Students who are placed into CHEM C1604 Second Semester General Chemistry (Intensive) are granted 3 points of credit; students who are placed into CHEM C3045-CHEM W3046 Intensive Organic Chemistry II (Lecture) 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 placement 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 placement 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 placement exam. Students who wish to pursue Track 1 classes do not need to take the placement 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 examination 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 W2408. This seminar focuses on topics in modern chemistry, and is offered to all qualified students.

Biochemistry (BIOC C3501, BIOC C3512) is recommended for students interested in the biomedical sciences.

Physical chemistry (CHEM C3079-CHEM W3080), a one-year program, requires prior preparation in mathematics and physics. The accompanying laboratory is CHEM C3085-CHEM W3086.

Also offered are a senior seminar (CHEM C3920); advanced courses in biochemistry, inorganic, organic, and physical chemistry; and an introduction to research (CHEM C3098).

SAMPLE PROGRAMS

Some *typical* programs are shown below. Programs are crafted by the student and the director of undergraduate studies to meet individual needs and interests.

Track 1

First Year

CHEM W1403	General Chemistry I (Lecture)
CHEM W1500	General Chemistry Laboratory
CHEM W2408	First-Year Seminar in Chemical Research
CHEM W1404	General Chemistry II (Lecture)

Calculus and physics as required.

Second Year

CHEM W3444	Organic Chemistry II (Lecture)
CHEM W3546	Advanced Organic Chemistry Laboratory
Calculus and physics as required.	
CHEM W3443	Organic Chemistry I (Lecture)
CHEM W3543	Organic Chemistry Laboratory

Third Year

BIOC C3501	Biochemistry, I: Structure and Metabolism
- BIOC C3512 (for biochemistry majors)	
CHEM C3098	Supervised Independent Research
CHEM C3079	Physical Chemistry I
CHEM W3080	Physical Chemistry II

Fourth Year

CHEM C3085	Physical and Analytical Chemistry Laboratory I
CHEM W3086	Physical and Analytical Chemistry Laboratory II
CHEM G4071	Inorganic Chemistry
CHEM C3098	Supervised Independent Research
CHEM C3920	Senior Seminar in Chemical Research

Advanced courses (4000-level or higher)

Track 2

First Year

CHEM C1604	Second Semester General Chemistry (Intensive)
CHEM W2507 or W1500	Intensive General Chemistry Laboratory
CHEM W2408	First-Year Seminar in Chemical Research

Calculus and physics as required.

Second Year

CHEM W3443	Organic Chemistry I (Lecture)
CHEM W3444	Organic Chemistry II (Lecture)
CHEM W3543	Organic Chemistry Laboratory
CHEM W3546	Advanced Organic Chemistry Laboratory

Calculus and physics as required.

Third Year

CHEM C3079	Physical Chemistry I
CHEM W3080	Physical Chemistry II

CHEM Supervised Independent Research
C3098
BIOC Biochemistry, I: Structure and Metabolism
C3501
- BIOC
C3512 (for
biochemistry
majors)

Fourth Year

CHEM Physical and Analytical Chemistry
C3085 Laboratory I
CHEM Physical and Analytical Chemistry
W3086 Laboratory II
CHEM Inorganic Chemistry
G4071
CHEM Supervised Independent Research
C3098
CHEM Senior Seminar in Chemical Research
C3920

Advanced courses (4000- level or higher)

Track 3

First Year

CHEM Intensive Organic Chemistry I (Lecture)
C3045
Calculus and physics as required.
CHEM Intensive Organic Chemistry II (Lecture)
W3046
CHEM First-Year Seminar in Chemical Research
W2408
CHEM Intensive General Chemistry Laboratory
W2507

Second Year

CHEM Physical Chemistry I
C3079
CHEM Physical Chemistry II
W3080
CHEM Intensive Organic Chemistry Laboratory
W3545
CHEM Advanced Organic Chemistry Laboratory
W3546

Calculus and physics as required.

Third Year

CHEM Physical and Analytical Chemistry
C3085 Laboratory I
CHEM Physical and Analytical Chemistry
W3086 Laboratory II
CHEM Supervised Independent Research
C3098
CHEM Inorganic Chemistry
G4071

BIOC Biochemistry, I: Structure and Metabolism
C3501
- BIOC
C3512 (for
biochemistry
majors)

Fourth Year

CHEM Supervised Independent Research
C3098
CHEM Senior Seminar in Chemical Research
C3920

Advanced courses (4000-level or higher)

FACULTY PROFESSORS

- Bruce J. Berne
- Ronald Breslow
- Louis E. Brus
- Virginia W. Cornish
- Samuel J. Danishefsky
- Kenneth B. Eisenthal
- George W. Flynn
- Richard A. Friesner
- James L. Leighton
- Ann E. McDermott
- Jack R. Norton
- Colin Nuckolls
- Gerard Parkin
- David R. Reichman
- Brent Stockwell
- James J. Valentini
- Xiaoyang Zhu

ASSOCIATE PROFESSORS

- Angelo Cacciuto
- Ruben Gonzalez
- Laura Kaufman
- Tristan Lambert
- Dalibor Sames

ASSISTANT PROFESSORS

- Luis Campos
- Wei Min
- Jonathan Owen
- Xavier Roy

LECTURERS

- Luis Avila
- Robert Beer
- John Decatur

- Charles E. Doubleday
- Fay Ng
- Ruben Savizky

REQUIREMENTS

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 a placement exam. The results of the placement exam 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 General Chemistry I (Lecture)
W1403

CHEM General Chemistry II (Lecture)
W1404

CHEM General Chemistry Laboratory
W1500

CHEM Organic Chemistry I (Lecture)
W3443

CHEM Organic Chemistry II (Lecture)
W3444

CHEM Organic Chemistry Laboratory
W3543

Track 2

CHEM Second Semester General Chemistry
C1604 (Intensive)

CHEM General Chemistry Laboratory
W1500

or CHEM Intensive General Chemistry Laboratory
W2507

CHEM Organic Chemistry I (Lecture)
W3443

CHEM Organic Chemistry II (Lecture)
W3444

CHEM Organic Chemistry Laboratory
W3543

Track 3

CHEM Intensive Organic Chemistry I (Lecture)
C3045

CHEM Intensive Organic Chemistry II (Lecture)
W3046

CHEM Intensive General Chemistry Laboratory
W2507

CHEM Intensive Organic Chemistry Laboratory
W3545

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 C1401 Introduction To Mechanics and
Thermodynamics

PHYS C1402 Introduction To Electricity, Magnetism,
and Optics

PHYS C1403 Introduction to Classical and Quantum
Waves

Select one of the following laboratory courses:

PHYS Introduction to Experimental Physics
C1493

or PHYS Introduction to Experimental Physics
C1494

PHYS Experiments in Classical and Modern
C2699 Physics

PHYS Intermediate Laboratory Work
W3081

Sequence B

PHYS C1601 Physics, I: Mechanics and Relativity

PHYS C1602 Physics, II: Thermodynamics, Electricity,
and Magnetism

PHYS C2601 Physics, III: Classical and Quantum Waves

Select one of the following laboratory courses:

PHYS C2699 Experiments in Classical and Modern
Physics

or PHYS Intermediate Laboratory Work
W3081

Sequence C

For students with advanced preparation in physics and mathematics:

PHYS C2801 Accelerated Physics, I and II
- PHYS and Accelerated Physics, I and II
C2802

Select one of the following laboratory courses:

PHYS C2699 Experiments in Classical and Modern
Physics
or PHYS Intermediate Laboratory Work
W3081

MATH Honors Mathematics A
V1207 and Honors Mathematics B
- MATH
V1208

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 First-Year Seminar in Chemical Research
W2408 (Recommended NOT required)

CHEM Advanced Organic Chemistry Laboratory
W3546

CHEM Inorganic Chemistry
G4071

CHEM Physical Chemistry I
C3079

CHEM Physical Chemistry II
W3080

CHEM Physical and Analytical Chemistry
C3085 Laboratory I

CHEM Physical and Analytical Chemistry
W3086 Laboratory II

CHEM Senior Seminar in Chemical Research
C3920

Select one course from the following:

CHEM Supervised Independent Research (one
C3098 term taken for at least 4 points)

OR Chemistry courses numbered CHEM G4000 or
above

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 Calculus I
V1101 and Calculus II
- MATH and Calculus III
V1102 and Calculus IV
- MATH
V1201
- MATH
V1202

Two semesters of honors mathematics:

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 Physical Chemistry I
C3079

CHEM Physical Chemistry II (OR)
W3080

BIOL W4082 Theoretical Foundations and Applications
of Biophysical Methods

CHEM First-Year Seminar in Chemical Research
W2408 (Recommended NOT required)

Biology

BIOL C2005 Introductory Biology I: Biochemistry,
Genetics & Molecular Biology

BIOL C2006 Introductory Biology II: Cell Biology,
Development & Physiology

Select one of the following laboratory courses:

BIOL Project Laboratory In Protein Biochemistry
W3050

BIOL Project Laboratory in Molecular Genetics
C3052

BIOL Independent Biological Research
W3500

BIOL C2908 First-Year Seminar in Modern Biology
(recommended but not required)

BIOC C3501 Biochemistry, I: Structure and Metabolism

BIOC C3512 Molecular Biology

Physics

Select one of the following physics sequences:

Sequence A:

PHYS General Physics
V1201 and General Physics
- PHYS
V1202

Sequence B:

PHYS Introduction To Mechanics and
C1401 Thermodynamics
- PHYS and Introduction To Electricity,
C1402 Magnetism, and Optics
- PHYS and Introduction to Classical and
C1403 Quantum Waves (PHYS C1403 is
recommended but not required)

Sequence C:

PHYS C1601	Physics, I: Mechanics and Relativity and Physics, II: Thermodynamics, Electricity, and Magnetism
- PHYS C1602	and Physics, III: Classical and Quantum Waves (PHYS C2601 is recommended but not required)
- PHYS C2601	

Sequence D:

PHYS C2801	Accelerated Physics, I and II and Accelerated Physics, I and II
- PHYS C2802	

Mathematics

Select one of the following sequences:

Two semesters of calculus:

MATH V1101	Calculus I and Calculus II
- MATH V1102	and Calculus III and Calculus IV
- MATH V1201	
- MATH V1202	

Two semesters of honors mathematics:

MATH V1207	Honors Mathematics A and Honors Mathematics B
- MATH V1208	

AP credit and one term of calculus (Calculus II or higher)

Additional Courses

Select one of the following additional laboratory courses:

CHEM C3085	Physical and Analytical Chemistry Laboratory I
CHEM W3086	Physical and Analytical Chemistry Laboratory II
CHEM W3546	Advanced Organic Chemistry Laboratory
CHEM C3098	Supervised Independent Research (one term taken for at least 4 points)
BIOL W3500	Independent Biological Research
BIOL W3050	Project Laboratory In Protein Biochemistry
BIOL C3052	Project Laboratory in Molecular Genetics
BIOL W3040 - BIOL W2501	Lab in Molecular Biology and Contemporary Biology Laboratory

Select any three courses from the following:

CHEM G4071	Inorganic Chemistry
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CHEM G4147	Advanced Organic Chemistry
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CHEM G4172	Biorganic Topics
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MATH V3027 or MATH E1210	Ordinary Differential Equations
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One additional semester of calculus

One additional semester of honors math:

MATH V1207 or MATH V1208	Honors Mathematics A Honors Mathematics B
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Any biology course at the 3000/4000 level for 3 or more points. The following are recommended:

BIOL W3004 or BIOL W3005	Neurobiology I: Cellular and Molecular Neurobiology Neurobiology II: Development & Systems
BIOL W3008	The Cellular Physiology of Disease
BIOL W3034	Biotechnology
BIOL W3041	Cell Biology
BIOL W3022	Developmental Biology
BIOL W3073	Cellular and Molecular Immunology
BIOL W4065	Molecular Biology of Disease
BIOL W4300	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 C3079	Physical Chemistry I
CHEM W3080	Physical Chemistry II
CHEM C3085	Physical and Analytical Chemistry Laboratory I
CHEM W3086	Physical and Analytical Chemistry Laboratory II

CHEM G4221	Quantum Chemistry
or PHYS G4021	Quantum Mechanics, I and II
CHEM C3920	Senior Seminar in Chemical Research

Physics

Select one of the physics sequences outlined above in Guidelines for all Chemistry Majors, Concentrators and Interdepartmental Majors and complete the following lectures:

PHYS W3003 Mechanics

PHYS W3007 Electricity and Magnetism

PHYS W3008 Electromagnetic Waves and Optics

Mathematics

Select one of the following sequences:

Four semesters of calculus:

MATH Calculus I
V1101 and Calculus II
- MATH and Calculus III
V1102 and Calculus IV
- MATH
V1201
- MATH
V1202

Two semesters of honors mathematics:

MATH Honors Mathematics A
V1207 and Honors Mathematics B
- MATH and Ordinary Differential Equations
V1208
- MATH
V3027

Two semesters of advanced calculus:

MATH Calculus IV
V1202 and Ordinary Differential Equations
- MATH
V3027

MAJOR IN ENVIRONMENTAL 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 W2408	First-Year Seminar in Chemical Research (Recommended not required)
CHEM G4071	Inorganic Chemistry
CHEM C3079	Physical Chemistry I

Select one of the following laboratory courses:

CHEM C3098	Supervised Independent Research (one term taken for at least 4 points)
CHEM C3085	Physical and Analytical Chemistry Laboratory I
CHEM C3920	Senior Seminar in Chemical Research

Earth and Environmental Science

EESC V2100	Earth's Environmental Systems: Climate
EESC V2200	Earth's Environmental Systems: Solid Earth
EESC V2300	Earth's Environmental Systems: Life Systems
EESC BC3016	Environmental Measurements

Physics

Select one of the physics sequences outlined above without the lab courses.

Mathematics and Statistics

Two semesters of calculus:

MATH Calculus I
V1101
MATH Calculus II
V1102
MATH Calculus III
V1201
MATH Calculus IV
V1202

One semester of statistics:

STAT W1211 Introduction to Statistics (with calculus)
or STAT Introduction to Probability
W3105

Additional Courses

Select any two of the following:

CHEM W3080	Physical Chemistry II
CHEM G4103	Organometallic Chemistry
CHEM G4147	Advanced Organic Chemistry
BIOC G4170	Biophysical Chemistry
EESC W4009	Chemical Geology
EESC W4835	Wetlands and Climate Change
EESC W4925	Principles of Physical Oceanography
EESC W4926	Principles of Chemical Oceanography

EESC The Chemistry of Continental Waters
W4885

EAEE Industrial ecology of earth resources
E4001

EAEE Introduction to aquatic chemistry
E4003

EAEE Environmental biochemical processes
E4950

One additional semester of calculus

CONCENTRATION IN CHEMISTRY

No more than four points of CHEM C3098 Supervised Independent Research may be counted toward the concentration.

Select one of the three chemistry tracks listed below.

PHYS V1201 General Physics
- PHYS and General Physics
V1202

Two semesters of calculus

Chemistry Tracks

Track 1

CHEM General Chemistry I (Lecture)
W1403

CHEM General Chemistry II (Lecture)
W1404

CHEM General Chemistry Laboratory
W1500

Select 22 points of chemistry at the 3000-level or higher

Track 2

CHEM Second Semester General Chemistry
C1604 (Intensive)

CHEM General Chemistry Laboratory
W1500

or CHEM Intensive General Chemistry Laboratory
W2507

Select 22 points of chemistry at the 3000-level or higher

Track 3

CHEM Intensive Organic Chemistry I (Lecture)
C3045

CHEM Intensive Organic Chemistry II (Lecture)
W3046

CHEM Intensive General Chemistry Laboratory
W2507

Select 18 points of chemistry at the 3000-level or higher

COURSES

FALL 2014

CHEM C1403 General Chemistry I (Lecture). 3.5 points.

Recitation Section Required

Corequisites: *MATH V1101*

Preparation equivalent to one year of high school chemistry is assumed and concurrent registration in Calculus I unless students have taken AP Calculus. Students lacking such preparation should plan independent study of chemistry over the summer or take *CHEM W0001* before taking *W1403*. Topics include stoichiometry, states of matter, nuclear properties, electronic structures of atoms, periodic properties, chemical bonding, molecular geometry, introduction to quantum mechanics and atomic theory, introduction to organic and biological chemistry, solid state and materials science, polymer science and macromolecular structures and coordination chemistry. Although *W1403* and *W1404* are separate courses, students are expected to take both terms sequentially. 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.

Fall 2014: CHEM C1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/22685	M W 10:10am - 11:25am 309 Havemeyer Hall	Gerard Parkin	3.5	204/210
CHEM 1403	002/69789	T Th 10:10am - 11:25am 309 Havemeyer Hall	Richard Friesner	3.5	195/190
CHEM 1403	003/62634	T Th 6:10pm - 7:25pm 301 Pupin Laboratories	Marco Pagnotta	3.5	171/190

CHEM W1403 General Chemistry I (Lecture). 3.5 points.

Recitation Section Required

Corequisites: *MATH V1101*

Preparation equivalent to one year of high school chemistry is assumed and concurrent registration in Calculus I unless students have taken AP Calculus. Students lacking such preparation should plan independent study of chemistry over the summer or take *CHEM W0001* before taking *W1403*. Topics include stoichiometry, states of matter, nuclear properties, electronic structures of atoms, periodic properties, chemical bonding, molecular geometry, introduction to quantum mechanics and atomic theory, introduction to organic and biological chemistry, solid state and materials science, polymer science and macromolecular structures and coordination chemistry. Although *W1403* and *W1404* are separate courses, students are expected to take both terms sequentially. 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. Please note that W1403 is offered in the fall and spring semesters.

Fall 2014: CHEM W1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/20936	M W 6:10pm - 7:25pm 501 Schermerhorn Hall	Robert Beer	3.5	114/132

Spring 2015: CHEM W1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/29604	M W 6:10pm - 7:25pm 301 Pupin Laboratories	Ruben Savizky	3.5	122/132

CHEM W1500 General Chemistry Laboratory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Lab Fee: \$140.

Corequisites: W1403 or W1404

An introduction to basic techniques of modern experimental chemistry, including quantitative procedures and chemical analysis. Students must register for a Lab Lecture section for this course (W1501). Please check the Directory of Classes for details. Please note that W1500 is offered in the fall and spring semesters.

Fall 2014: CHEM W1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/10801	T 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	37/46
CHEM 1500	002/10974	T 6:10pm - 9:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	32/46
CHEM 1500	003/18625	W 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	25/46
CHEM 1500	004/19903	Th 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	30/46

Spring 2015: CHEM W1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/74190	M 1:10pm - 4:55pm 302c Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	14/24
CHEM 1500	002/77535	T 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	46/46
CHEM 1500	003/23554	T 6:10pm - 9:55pm 302 Havemeyer Hall	Joseph Ulichny,	3	39/46

CHEM 1500	004/18323	W 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	43/46
CHEM 1500	005/74453	W 6:10pm - 9:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	35/46
CHEM 1500	006/62851	Th 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	42/46
CHEM 1500	007/73447	Th 6:10pm - 9:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	30/46
CHEM 1500	008/13821	F 1:10pm - 4:55pm 302c Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	24/24

CHEM C1604 Second Semester General Chemistry (Intensive). 3.5 points.

CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

Prerequisites: A grade of "B" or better in CHEM W1403 OR acceptable performance on the Department placement exam.

Corequisites: MATH V1102

Topics include: gases (kinetic theory of gases); binary collision model for chemical reactions; chemical kinetics; acid-base equilibria; thermochemistry (thermodynamics I); spontaneous processes (thermodynamics II); chemical bonding in polyatomic molecules. Students must ensure they register for the recitation that corresponds to the lecture section. Please check the Directory of Classes for details.

Fall 2014: CHEM C1604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1604	001/71819	T Th 11:40am - 12:55pm 309 Havemeyer Hall	Louis Brus	3.5	81/110

CHEM W2507 Intensive General Chemistry Laboratory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Lab Fee: \$140

Prerequisites: CHEM W1604 or W3045.

A student-centered experimental course intended for students who are taking or have completed W1604 (Second Semester General Chemistry Intensive Lecture offered in Fall), W3045 (Intensive Organic Chemistry offered in Fall), or W3046 (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 W1500 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 W2507 is offered in the fall and spring semesters.

Fall 2014: CHEM W2507

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2507	001/23451	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	14/18
CHEM 2507	002/26376	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	12/18

Spring 2015: CHEM W2507

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2507	001/70047	F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	10/18
CHEM 2507	002/23107	M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	11/18

CHEM C3045 Intensive Organic Chemistry I (Lecture). 3.5 points.

CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

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 W1604. Premedical students may take CHEM W3045, W3046, W2507 and W3545 to meet the minimum requirements for admission to medical school. This course covers the same material as CHEM W3443-W3444, but is intended for students who have learned the principles of general chemistry in high school OR have completed W1604 in their first year at Columbia. First year students enrolled in CHEM W3045-W3046 are expected to enroll concurrently in CHEM W2507. Although W3045 and W3046 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 2014: CHEM C3045

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3045	001/15071	T Th 11:40am - 12:55pm 310 Fayerweather	Ronald Breslow	3.5	24/35

CHEM C3079 Physical Chemistry I. 4 points.

CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

Prerequisites: CHEM W1403 and W1404, or W1604, or W3045 and W3046; MATH V1101-V1102 or V1207-V1208; PHYS V1201-V1202 is acceptable, PHYS C1401-C1402 or the equivalent is recommended.
Corequisites: CHEM W3085 is acceptable.

Elementary, but comprehensive, treatment of the fundamental laws governing the behavior of individual atoms and molecules and collections of them. C3079 covers the thermodynamics of chemical systems at equilibrium and the chemical kinetics of nonequilibrium systems. Although W3079 and W3080 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 2014: CHEM C3079

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3079	001/10366	M W 11:40am - 12:55pm 320 Havemeyer Hall	Bruce Berne	4	28/60

CHEM C3085 Physical and Analytical Chemistry Laboratory I. 4 points.

Lab Fee: \$125 per term.

Corequisites: CHEM C3079 for CHEM C3085 is acceptable. A student-centered experimental course intended for students who are co-registered or have completed C3079 and C3080. 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 2014: CHEM C3085

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3085	001/69558	T 12:00pm - 6:00pm 222 Havemeyer Hall	Luis Avila	4	12/15

CHEM C3098 Supervised Independent Research. 4 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.

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 3098 is offered in the fall and spring semesters.

Fall 2014: CHEM C3098

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3098	001/21309		Vesna Gasperov	4	10/25

CHEM 002/88958
3098Vesna 4 1
Gasperov**BIOC W3300 Biochemistry. 3 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 C3501*.

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?

Fall 2014: BIOC W3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/62784	T 7:10pm - 9:30pm 602 Northwest Corner	Danny Ho	3	27

Spring 2015: BIOC W3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3300	001/13013	T 7:10pm - 9:30pm 503 Hamilton Hall	Danny Ho	3	48

BIOC C3501 Biochemistry, I: Structure and Metabolism. 4 points.

Recitation Section Required

Prerequisites: *ENVB W2001* or *BIOL C2005* and one year of organic chemistry.

Lecture and recitation. Students wishing to cover the full range of modern biochemistry should take both *BIOC C3501* and *C3512*. Protein structure, protein folding, enzyme kinetics, allostery, membrane transport, biological membranes, and protein targeting. Chemistry and metabolism of amino acids, carbohydrates, lipids, purines, and pyrimidines. Students must ensure they register for the recitation which corresponds to the lecture section. Please check the Directory of Classes for details.

Fall 2014: BIOC C3501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BIOC 3501	001/15963	T Th 2:40pm - 3:55pm 417 International Affairs Bldg	Brent Stockwell	4	166

CHEM C3443 Organic Chemistry I (Lecture). 3.5 points.
Recitation Section Required

Prerequisites: *W1404* or *W1604* and *W1500*

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 *W3443* and *W3444* 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 2014: CHEM C3443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3443	001/70446	M W 1:10pm - 2:25pm 309 Havemeyer Hall	Virginia Cornish	3.5	95/198
CHEM 3443	002/21704	T Th 2:40pm - 3:55pm 309 Havemeyer Hall	Luis Campos	3.5	184/198

CHEM W3443 Organic Chemistry I (Lecture). 3.5 points.

CC/GS: Partial Fulfillment of Science Requirement,
Recitation Section Required

Prerequisites: *W1404* or *W1604* and *W1500*.

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 *W3443* and *W3444* 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 2014: CHEM W3443

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3443	001/21815	M W 6:10pm - 7:25pm 309 Havemeyer Hall	Charles Doubleday	3.5	111/132

CHEM W3543 Organic Chemistry Laboratory. 3 points.
Lab Fee: \$125.

Prerequisites: *CHEM W1500*

Corequisites: *W3443*.

Students planning to take a full year of laboratory should enroll in *CHEM W3543* and *W3546*. 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 laboratory

session is mandatory. Please note that W3543 is offered in the fall and spring semesters.

Fall 2014: CHEM W3543

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3543	001/16700	M 1:00pm - 6:00pm 202a Havemeyer Hall	Danielle Sedbrook	3	19/24
CHEM 3543	002/18492	T 1:00pm - 6:00pm 202a Havemeyer Hall	Danielle Sedbrook	3	23/24
CHEM 3543	003/25336	W 1:00pm - 6:00pm 202a Havemeyer Hall	Anna Ghurbanyan	3	34/34
CHEM 3543	004/11674	Th 1:00pm - 6:00pm 202a Havemeyer Hall	Anna Ghurbanyan	3	17/34
CHEM 3543	005/10313	F 1:00pm - 6:00pm 202a Havemeyer Hall	Anna Ghurbanyan	3	19/34
CHEM 3543	006/29287	T Th 6:00pm - 9:00pm 202a Havemeyer Hall	Danielle Sedbrook	3	18/34

Spring 2015: CHEM W3543

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3543	001/12933	M 1:00pm - 6:00pm 202a Havemeyer Hall	Danielle Sedbrook	3	22/24
CHEM 3543	002/17335	T 1:00pm - 6:00pm 202a Havemeyer Hall	Danielle Sedbrook	3	23/24
CHEM 3543	003/62158	W 1:00pm - 6:00pm 202a Havemeyer Hall	Anna Ghurbanyan	3	27/34
CHEM 3543	004/64121	Th 1:00pm - 6:00pm 202a Havemeyer Hall	Anna Ghurbanyan	3	19/34
CHEM 3543	005/66261	F 1:00pm - 6:00pm 202a Havemeyer Hall	Anna Ghurbanyan	3	31/34
CHEM 3543	006/75591	T Th 6:00pm - 9:00pm Room TBA	Danielle Sedbrook	3	26/34

CHEM W3545 Intensive Organic Chemistry Laboratory. 3 points.

Lab Fee: \$125.

Prerequisites: *CHEM W3045* and *W3046* and *W2507*.

The course covers the same material as *CHEM W3543*, but is intended for those students who have taken Intensive Organic Chemistry, *CHEM W3045-W3046*, and for students who are intending to major in Chemistry, Biochemistry, Chemical Physics, or Environmental Chemistry.

Fall 2014: CHEM W3545

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3545	001/20146	M 1:00pm - 6:00pm 202 Havemeyer Hall	Fay Ng	3	6/10
CHEM 3545	002/22147	T 1:00pm - 6:00pm 202 Havemeyer Hall	Fay Ng	3	10/10

CHEM C3920 Senior Seminar in Chemical Research. 2 points.

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 W3098*. Pass/fail credit only. 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 *W3098* research.

Fall 2014: CHEM C3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3920	001/27605	F 2:10pm - 4:00pm 711 Havemeyer Hall	Laura Kaufman	2	11/40

CHEM G4071 Inorganic Chemistry. 4.5 points.

Prerequisites: C3443-C3444 or C3045-C3046

Corequisites: N/A

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.

Fall 2014: CHEM G4071

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4071	001/70788	M W 1:10pm - 2:25pm 320 Havemeyer Hall	Jonathan Owen	4.5	29

CHEM G4147 Advanced Organic Chemistry. 4.5 points.

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 2014: CHEM G4147

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4147	001/67726	T Th 10:10am - 11:25am 320 Havemeyer Hall	Dalibor Sames	4.5	14

CHEM G4148 Synthetic Methods in Organic Chemistry I. 4.5 points.

Construction, analysis, and strategies for the synthesis of complex natural products.

Fall 2014: CHEM G4148

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4148	001/19775	M W 10:10am - 11:25am 320 Havemeyer Hall	Tristan Lambert	4.5	8

CHEM G4168 Materials Chemistry I. 4.5 points.

Prerequisites: sophomore Organic and Inorganic Chemistry.

This course will have two main themes. One theme will explore the design, synthesis, and properties of materials made from molecules. Topics that will be covered in this section of the course include the chemistry of liquid crystals, self-assembled monolayers, organic electronics, carbon-based nanostructures, self-assembled materials, and bio-inspired materials. A second theme will explore inorganic materials. It will compare the chemistry of chemical vapor deposition and vapor phase epitaxy to make solid state materials. It will further study the transformation from chemical bonds to solid-state band structure in materials and quantum size effects.

Fall 2014: CHEM G4168

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4168	001/10558	T Th 11:40am - 12:55pm 320 Havemeyer Hall	Colin Nuckolls, Michael Steigerwald	4.5	16

CHEM G4221 Quantum Chemistry. 4.5 points.

Prerequisites: elementary physical chemistry.
Basic quantum mechanics: the Schrodinger equation and its interpretation, exact solutions in simple cases, methods of approximation, angular momentum and electronic spin, and an introduction to atomic and molecular structure.

Fall 2014: CHEM G4221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4221	001/67336	T Th 2:40pm - 3:55pm 320 Havemeyer Hall	Richard Friesner	4.5	12

CHEM G4230 Statistical Mechanics. 4.5 points.

Prerequisites: elementary physical chemistry.
Corequisites: CHEM G4221.
Topics include the classical and quantum statistical mechanics of gases, liquids, and solids.

Fall 2014: CHEM G4230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4230	001/76750	M W 11:40am - 12:55pm 711 Havemeyer Hall	David Reichman	4.5	12

CHEM W4312 Chemical Biology. 2.5 points.

Prerequisites: elementary organic chemistry CHEM C3443, CHEM C3444. Recommended preparation: elementary physical chemistry and biochemistry CHEM C3079, CHEM C3080.

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.

SPRING 2015

CHEM W1403 General Chemistry I (Lecture). 3.5 points. Recitation Section Required

Corequisites: MATH V1101

Preparation equivalent to one year of high school chemistry is assumed and concurrent registration in Calculus I unless students have taken AP Calculus. Students lacking such preparation should plan independent study of chemistry over the summer or take CHEM W0001 before taking W1403. Topics include stoichiometry, states of matter, nuclear properties, electronic structures of atoms, periodic properties, chemical bonding, molecular geometry, introduction to quantum mechanics and atomic theory, introduction to organic and biological chemistry, solid state and materials science, polymer science and macromolecular structures and coordination chemistry. Although W1403 and W1404 are separate courses, students are expected to take both terms sequentially. 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. Please note that W1403 is offered in the fall and spring semesters.

Fall 2014: CHEM W1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/20936	M W 6:10pm - 7:25pm 501 Schermerhorn Hall	Robert Beer	3.5	114/132

Spring 2015: CHEM W1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1403	001/29604	M W 6:10pm - 7:25pm 301 Pupin Laboratories	Ruben Savitzky	3.5	122/132

CHEM W1404 General Chemistry II (Lecture). 3.5 points. CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

Prerequisites: W1403.

Corequisites: MATH V1101

Although W1403 and W1404 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 2015: CHEM W1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1404	001/73071	M W 8:40am - 9:55am 309 Havemeyer Hall	Ruben Savizky	3.5	211/200
CHEM 1404	002/18565	M W 10:10am - 11:25am 309 Havemeyer Hall	Louis Brus	3.5	90/190
CHEM 1404	003/73884	M W 6:10pm - 7:25pm 501 Schermerhorn Hall	Robert Beer	3.5	126/150

CHEM W1500 General Chemistry Laboratory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Lab Fee: \$140.

Corequisites: *W1403* or *W1404*

An introduction to basic techniques of modern experimental chemistry, including quantitative procedures and chemical analysis. Students must register for a Lab Lecture section for this course (*W1501*). Please check the Directory of Classes for details. Please note that W1500 is offered in the fall and spring semesters.

Fall 2014: CHEM W1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/10801	T 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	37/46
CHEM 1500	002/10974	T 6:10pm - 9:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	32/46
CHEM 1500	003/18625	W 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	25/46
CHEM 1500	004/19903	Th 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	30/46

Spring 2015: CHEM W1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 1500	001/74190	M 1:10pm - 4:55pm 302c Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	14/24
CHEM 1500	002/77535	T 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	46/46
CHEM 1500	003/23554	T 6:10pm - 9:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	39/46

CHEM 1500	004/18323	W 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	43/46
CHEM 1500	005/74453	W 6:10pm - 9:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	35/46
CHEM 1500	006/62851	Th 1:10pm - 4:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	42/46
CHEM 1500	007/73447	Th 6:10pm - 9:55pm 302 Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	30/46
CHEM 1500	008/13821	F 1:10pm - 4:55pm 302c Havemeyer Hall	Joseph Ulichny, Sarah Hansen	3	24/24

CHEM W2408 First-Year Seminar in Chemical Research. 1 point.

Prerequisites: *CHEM W1403*, *W1604*, *W3045* or the instructor's 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 2015: CHEM W2408

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2408	001/67148	F 12:00pm - 12:50pm 209 Havemeyer Hall	Vesna Gasperov	1	28/80

CHEM W2507 Intensive General Chemistry Laboratory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Lab Fee: \$140

Prerequisites: *CHEM W1604* or *W3045*.

A student-centered experimental course intended for students who are taking or have completed *W1604* (Second Semester General Chemistry Intensive Lecture offered in Fall), *W3045* (Intensive Organic Chemistry offered in Fall), or *W3046* (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 W1500* 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 W2507 is offered in the fall and spring semesters.

Fall 2014: CHEM W2507

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CHEM 2507	001/23451 F 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	14/18
CHEM 2507	002/26376 M 1:00pm - 6:00pm 302 Havemeyer Hall	Luis Avila	3	12/18

Spring 2015: CHEM W2507

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 2507	001/70047 F 1:00pm - 6:00pm 302 Havemeyer Hall		Luis Avila	3	10/18
CHEM 2507	002/23107 M 1:00pm - 6:00pm 302 Havemeyer Hall		Luis Avila	3	11/18

CHEM W3046 Intensive Organic Chemistry II (Lecture). 3.5 points.

Prerequisites: *W3045*

Premedical students may take *CHEM W3045*, *W3046*, and *W3545* to meet the minimum requirements for admission to medical school. This course covers the same material as *CHEM W3443-W3444*, but is intended for students who have learned the principles of general chemistry in high school OR have completed *W1604* in their first year at Columbia. First year students enrolled in *CHEM W3045-W3046* are expected to enroll concurrently in *CHEM W2507*. Although *W3045* and *W3046* 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 2015: CHEM W3046

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3046	001/18463 T Th 11:40am - 12:55pm 209 Havemeyer Hall		Fay Ng	3.5	21/35

CHEM W3080 Physical Chemistry II. 4 points.

Recitation Section Required

Prerequisites: *W3079*

Corequisites: *W3086* is acceptable.

C3080 covers the quantum mechanics of atoms and molecules, the quantum statistical mechanics of chemical systems, and the connection of statistical mechanics to thermodynamics. Although *W3079* and *W3080* 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 2015: CHEM W3080

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3080	001/62854 M W 10:10am - 11:25am 209 Havemeyer Hall		Xiaoyang Zhu	4	19/80

CHEM W3086 Physical and Analytical Chemistry Laboratory II. 4 points.

Lab Fee: \$125 per term.

Prerequisites: *CHEM C3085*

Corequisites: *CHEM C3080* for *CHEM C3086* is acceptable.

A student-centered experimental course intended for students who are co-registered or have completed *C3079* and *C3080*.

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 2015: CHEM W3086

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3086	001/20154 T 12:00pm - 6:00pm 222 Havemeyer Hall		Luis Avila	4	14/15

CHEM W3444 Organic Chemistry II (Lecture). 3.5 points.

CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

Prerequisites: *W1404* or *W1604* and *W1500*.

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 *W3443* and *W3444* 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 2015: CHEM W3444

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3444	001/10605 T Th 8:40am - 9:55am 309 Havemeyer Hall		Colin Nuckolls	3.5	210/250
CHEM 3444	003/76965 M W 6:10pm - 7:25pm 309 Havemeyer Hall		Charles Doubleday	3.5	117/150

CHEM W3545 Intensive Organic Chemistry Laboratory. 3 points.

Lab Fee: \$125.

Prerequisites: *CHEM W3045* and *W3046* and *W2507*.

The course covers the same material as *CHEM W3543*, but is intended for those students who have taken Intensive Organic Chemistry, *CHEM W3045-W3046*, and for students who are intending to major in Chemistry, Biochemistry, Chemical Physics, or Environmental Chemistry.

Fall 2014: CHEM W3545

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3545	001/20146	M 1:00pm - 6:00pm 202 Havemeyer Hall	Fay Ng	3	6/10
CHEM 3545	002/22147	T 1:00pm - 6:00pm 202 Havemeyer Hall	Fay Ng	3	10/10

CHEM W3546 Advanced Organic Chemistry Laboratory. 3 points.

Prerequisites: *CHEM W3543* or *W3545*.

Corequisites: *CHEM C3444* or *W3444*.

Laboratory Fee: \$125. A project laboratory with emphasis on complex synthesis and advanced techniques including qualitative organic analysis and instrumentation.

Spring 2015: CHEM W3546

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 3546	001/69466	M 1:00pm - 6:00pm 202 Havemeyer Hall	Fay Ng	3	9/10
CHEM 3546	002/28570	T 1:00pm - 6:00pm 202 Havemeyer Hall	Fay Ng	3	8/10

CHEM G4103 Organometallic Chemistry. 4.5 points.

Prerequisites: Elementary organic chemistry. (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 2015: CHEM G4103

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4103	001/28837	T Th 8:40am - 9:55am 320 Havemeyer Hall	Jack Norton	4.5	13

CHEM G4145 NMR Spectroscopy. 1 point.

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.

CHEM G4210 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 online 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.

Spring 2015: CHEM G4210

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHEM 4210	001/70747	F 9:30am - 10:45am 320 Havemeyer Hall	Ruben Gonzalez, Vesna Gasperov	1	8/20

OTHER COURSES OFFERED IN ALTERNATING YEARS

Please contact the Undergraduate Program Manager, Vesna Gasperov (vg2231@columbia.edu) for further information.

CHEM W3081 Physical Chemistry III - Special Topics in Physical Chemistry. 2 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: CHEM C3079-3080 (Physical Chemistry I and II)

The objective of Physical Chemistry III is to discuss and analyze topics in forefront areas of physical chemistry research. The research topics will be selected in class discussions at the beginning of the semester. All of the topics extend from equilibrium to nonequilibrium ultrafast dynamic processes. The application of linear and nonlinear spectroscopies to probe systems of interest will be discussed. Examples of possible topics include : 1) Biomolecular processes, e.g. DNA – drug and DNA – protein - interactions. 2) Plasmonic nanoparticle, e.g. Au and Ag, interactions with molecules in ground and excited electronic states, e.g. energy and electron transfer, enhancement of molecular optical processes, e.g. absorption, Raman, nonlinear, circular dichroism and optical spectroscopies. 3) Probing environmental interfaces, e. g. air/ water, oil/water, atmospheric aerosoles, and soil/water, using the interface selective second harmonic and vibrational sum frequency spectroscopies 4) Guest lecturers on topics such as molecular electronics , graphene, etc. The individual students will write a report of 2 to 3 pages in length, on a subject of their interest.

CHEM G4137 Photonics & Spectroscopy. 4.5 points.

Discussion Section Required

Not Offered During 2014-15 Academic Year.

Prerequisites: N/A

Corequisites: N/A

Powerful photonics and spectroscopy tools are changing the way many physical and biological problems are addressed

by revealing direct and precious energetic and dynamic information of molecular species inside live cells or novel materials. This full semester graduate course will not only provide fundamental knowledge of optics, laser, photonics, linear and nonlinear molecular spectroscopy, but also introduce physical principles of various emerging optical techniques including femotosecond spectroscopy, single-molecule spectroscopy, multi-photon nonlinear microscopy, label-free chemical imaging, super-resolution imaging, optical coherence tomography.

CHEM G4172 Biorganic Topics. 4.5 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Elementary organic chemistry.
 Recommended preparation: advanced organic chemistry.
 Various topics in bioactive molecules in the field centered on natural-products chemistry, metabolic transformations, and enzyme mechanisms. Biosynthesis of natural products and some other bioorganic topics.

CHEM G4232 Introduction to Molecular Modeling. 4.5 points.

Lab Required

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.

CLASSICS

Departmental Office: 617 Hamilton; 212-854-3902;
classics@columbia.edu
<http://www.columbia.edu/cu/classics/>

Director of Undergraduate Studies (Classics): Prof.
Katharina Volk, 212-854-5683; kv2018@columbia.edu

Director of Undergraduate Studies (Modern Greek Studies): Prof. Maria Hadjipolycarpou, 212-854-6988;
mh3505@columbia.edu

Departmental Administrator: Gerry Visco, 212-854-2726;
gww1@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, 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, e.g., bibliographical collection or the checking of research data.

Many majors progress to graduate study in classics and classical studies, and 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 has as its twin aims 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 permitted to take graduate courses as well if they are sufficiently prepared. They can also supplement their studies within the department by 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 V1101	Elementary Greek I
- GREK	and Elementary Greek II
V1102	

GREK V1201 Intermediate Greek I
- GREK and Intermediate Greek II: Homer
V1202

Latin

LATN V1101 Elementary Latin I
- LATN and Elementary Latin II
V1102

LATN V1201 Intermediate Latin I
- LATN and Intermediate Latin II
V1202

With the permission of the director of undergraduate studies, GREK V1202 Intermediate Greek II: Homer may be taken before GREK V1201 Intermediate Greek I.

The intensive elementary courses GREK V1121 Intensive Elementary Greek and LATN V1121 Intensive Elementary Latin may be substituted for the two-term *V1101-V1102* sequence. The intensive intermediate courses GREK S1221 Intensive Intermediate Greek and LATN S1221 Intensive Intermediate Latin may be substituted for the two-term *V1201-V1202* sequence.

LATN V1201 Intermediate Latin I should be taken before LATN V1202 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 (*W4105-W4106*) 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 (*V3998*). This option is designed to allow students to personalize their experience in the major by conducting advanced study in a specialized area, and under the guidance of the specializing faculty member of their choice.

V3998 is required in the classical studies track. Otherwise, students in classical studies are not required to take advanced courses beyond *V3996 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.

FACULTY PROFESSORS

- Kathy Eden
- Marco Fantuzzi
- Helene P. Foley (Barnard)
- Carmela V. Franklin
- Stathis Gourgouris
- Seth R. Schwartz
- Deborah T. Steiner (Chair)
- Karen Van Dyck
- Katharina Volk
- Gareth D. Williams
- Nancy Worman (Barnard)
- James E. G. Zetzel

ASSOCIATE PROFESSORS

- Elizabeth Irwin
- Kristina Milnor (Barnard)
- Ellen Morris (Barnard)

ASSISTANT PROFESSORS

- Marcus Folch
- Joseph Howley

LECTURERS

- Maria Hadjipolycarpou
- Collomia Charles
- Elizabeth Scharffenberger

REQUIREMENTS

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 *V1200*-level.
 - *Major Seminar V3996*
 - Two courses from the following four advanced options (*W4105*, *W4106*, *W4139*, *V3998*; any others may count toward the four upper level requirement)
2. In a secondary language:
 - Two courses at or above the *V1200*-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 (*1200*-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 *W4105-W4106* 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 *V3998*.

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 *V1102*-level, in either or both Latin and Greek.
2. *Major Seminar V3996*
3. Four classes in Ancient History, Art, Philosophy, Religion, Civilization. Note that certain courses may be 6 credits, e.g. ICCS's *City of Rome* course, 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 V3998*, 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.

Students interested in a major in ancient studies should see the *Ancient Studies* section in this Bulletin.

CONCENTRATION IN CLASSICS

The requirements for this program were modified on September 19, 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 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 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 (*W4105*, *W4106*, *W4139*)
 2. One course in Ancient History or Classical Civilization (3 points)
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SPECIAL CONCENTRATION IN MODERN GREEK STUDIES

The special concentration in Modern Greek studies is designed for students who wish to combine the study of Modern Greek with a major or regular concentration. It requires a minimum of 24 points and must include the following:

1. Language Courses (at least 15 points)
 - Four or five modern Greek courses to be taken above the 1202-level.
 - GRKM V3998 Senior Research Seminar to be completed under the supervision of a staff member.
2. Two additional courses to be taken in related fields, including (but not limited to) comparative literature, classics, history, anthropology, political science, architecture, and sociology. These courses are to be chosen in consultation with the adviser and should conform to the student's overall course of studies (6-8 points)

COURSES

LATIN

LATN V1101 Elementary Latin I. 4 points.

For students who have never studied Latin. An intensive study of grammar with reading of simple prose and poetry.

Fall 2014: LATN V1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1101	001/63988	T Th F 10:10am - 11:25am 609 Hamilton Hall	Collomia Charles	4	10
LATN 1101	002/16318	M W 6:10pm - 8:00pm 616 Hamilton Hall	Anna Conser	4	5
LATN 1101	003/27544	M W 4:10pm - 6:00pm 609 Hamilton Hall	Ashley Simone	4	16/20

Spring 2015: LATN V1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1101	001/12391	T Th 6:10pm - 8:00pm 609 Hamilton Hall	Giulia Bonasio	4	9/20

LATN V1102 Elementary Latin II. 4 points.

Prerequisites: *LATN V1101*

A continuation of *LATN V1101*, including a review of grammar and syntax for students whose study of Latin has been interrupted.

Fall 2014: LATN V1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1102	001/65450	T Th 4:10pm - 6:00pm 408 Hamilton Hall	Nicholas Rynearson	4	10

Spring 2015: LATN V1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1102	001/66299	T Th F 10:10am - 11:25am 609 Hamilton Hall	Collomia Charles	4	7/20
LATN 1102	002/21787	M W 6:10pm - 8:00pm 616 Hamilton Hall	Anna Conser	4	6/20
LATN 1102	003/76256	M W 4:10pm - 6:00pm 609 Hamilton Hall	Ashley Simone	4	11/20

LATN V1121 Intensive Elementary Latin. 4 points.

Designed to cover all of Latin grammar and syntax in one semester in order to prepare the student to enter *LATN V1201* or *V1202*.

Fall 2014: LATN V1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1121	001/70513	M W F 1:10pm - 2:25pm 613 Hamilton Hall	Collomia Charles	4	6

Spring 2015: LATN V1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1121	001/71179	T Th 4:10pm - 6:00pm 616 Hamilton Hall	Collomia Charles	4	15

LATN V1201 Intermediate Latin I. 4 points.

Prerequisites: *LATN V1101-V1102*, or *LATN V1121*, or the equivalent.

Selections from Catullus and from Cicero or Caesar.

Fall 2014: LATN V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1201	001/11376	M W F 11:40am - 12:55pm 609 Hamilton Hall	Evan Jewell	4	14
LATN 1201	002/62697	M W 6:10pm - 8:00pm 609 Hamilton Hall	Ursula Poole	4	12
LATN 1201	003/90958	M W 6:10pm - 8:00pm 613 Hamilton Hall	Sarah Kaczor	4	10

Spring 2015: LATN V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 1201	001/22772	T Th F 11:40am - 12:55pm 616 Hamilton Hall	Carmela Franklin	4	12/25

LATN V1202 Intermediate Latin II. 4 points.

Prerequisites: *LATN V1201* or the equivalent.

Selections from Ovid's *Metamorphoses* and from Sallust, Livy, Seneca, or Pliny.

Fall 2014: LATN V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 1202	001/17833	T Th 6:10pm - 8:00pm 609 Hamilton Hall	Zachary Herz	4	11
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Spring 2015: LATN V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 1202	001/75207	M W F 11:40am - 12:55pm 609 Hamilton Hall	Gareth Williams	4	20/25
LATN 1202	002/15692	M W 6:10pm - 8:00pm 609 Hamilton Hall	Ursula Poole	4	13/25
LATN 1202	003/66001	M W 6:10pm - 8:00pm 406 Hamilton Hall	Sarah Kaczor	4	7/25

LATN V3012 Augustan Poetry. 3 points.

Prerequisites: *LATN V1202* or the equivalent.
Selections from Vergil and Horace. Combines literary analysis with work in grammar and metrics.

Fall 2014: LATN V3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 3012	001/26170	M W 4:10pm - 5:25pm 603 Hamilton Hall	Gareth Williams	3	27
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LATN V3033 Medieval Language and Literature. 3 points.

Prerequisites: Four semesters of college Latin or permission of the instructor.

This survey focuses on translation, grammatical analysis, and discussion of the literary and cultural contexts of medieval Latin prose and poetry. It includes widely read texts by major authors (e.g. Augustin, Boethius, Abelard and Heloise, Bernard of Clairvaux, Petrarch) as well as lesser-known anonymous pieces (e.g. love lyric from the *Cambridge Songs* and the *Carmina Burana*, poetic satire from a *rotulus*, and a novel, the *Historia Apollonii*).

Fall 2014: LATN V3033

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 3033	001/72558	T Th 10:10am - 11:25am 617b Hamilton Hall	Carmela Franklin	3	5
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LATN V3309 Latin Literature Selections: Pliny. 3 points. Not Offered During 2014-15 Academic Year.

Prerequisites: *LATN V1202* or the equivalent.
Since the content of this course changes from year to year, it may be repeated for credit.

LATN V3310 Selections from Latin Literature: Vergil. 3 points.

Prerequisites: *LATN V1202* or the equivalent.

Since the content of this course changes from year to year, it may be repeated for credit.

Spring 2015: LATN V3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 3310	001/63838	M W 10:10am - 11:25am 607 Hamilton Hall	James Zetzel	3	16
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LATN V3320 Intensive Reading Course. 0 points.

Prerequisites: *GREK V1201-V1202* or the equivalent.
This course is limited to students in the Postbaccalaureate program. The intensive reading of a series of Greek texts, both prose and verse, with special emphasis on detailed stylistics and grammatical analysis of the language.

LATN V3996 The Major Seminar. 3 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 2014: LATN V3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 3996	001/12543	Th 4:10pm - 6:00pm 613 Hamilton Hall	Marcus Folch	3	11
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LATN V3997 Directed Readings in Latin Literature. 3 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 2014: LATN V3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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LATN 3997	001/75801		Marcus Folch	3	0
LATN 3997	002/26448		Carmela Franklin	3	0
LATN 3997	003/92349		Collomia Charles	3	0
LATN 3997	004/27210		Consuelo Dutschke	3	0
LATN 3997	005/01887		Kristina Milnor	3	0
LATN 3997	006/07235		Helene Foley	3	0
LATN 3997	008/83540		Seth Schwartz	3	0

LATN 3997	009/86788	Deborah Steiner	3	0
LATN 3997	010/70951	Katharina Volk	3	0
LATN 3997	011/99701	Gareth Williams	3	1
LATN 3997	012/08335	Nancy Worman	3	0

Spring 2015: LATN V3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3997	001/19448		Marcus Folch	3	0
LATN 3997	002/13260		Carmela Franklin	3	0
LATN 3997	003/05419		Kristina Milnor	3	1
LATN 3997	005/04631		Kristina Milnor	3	0
LATN 3997	007/63915		James Zetzel	3	0
LATN 3997	008/68408		Elizabeth Scharffenberger	3	0
LATN 3997	009/68289		Seth Schwartz	3	0
LATN 3997	010/20164		Deborah Steiner	3	0
LATN 3997	011/14946		Katharina Volk	3	0

LATN V3998 Supervised Research in Latin Literature. 3 points.

Prerequisites: the director of undergraduate studies' permission.

A program of research in Latin literature. Research paper required.

Fall 2014: LATN V3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3998	001/12952		Marcus Folch	3	0
LATN 3998	002/16097		Carmela Franklin	3	0
LATN 3998	003/11500		Collomia Charles	3	0
LATN 3998	004/18452		Consuelo Dutschke	3	0
LATN 3998	005/04109		Kristina Milnor	3	0
LATN 3998	006/04392		Helene Foley	3	0
LATN 3998	007/28701		Elizabeth Scharffenberger	3	0
LATN 3998	008/27803		Seth Schwartz	3	0
LATN 3998	009/24708		Deborah Steiner	3	0

LATN 3998	010/94276	Katharina Volk	3	0
LATN 3998	011/60957	Gareth Williams	3	0
LATN 3998	012/05301	Nancy Worman	3	0

Spring 2015: LATN V3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 3998	001/75006		Gareth Williams	3	2
LATN 3998	002/11085		Marcus Folch	3	0/1
LATN 3998	003/26532		William Harris	3	2
LATN 3998	004/19239		Carmela Franklin	3	1/1
LATN 3998	007/29408		James Zetzel	3	0
LATN 3998	008/70726		Deborah Steiner	3	0
LATN 3998	010/03205		Kristina Milnor	3	1
LATN 3998	011/68963		Elizabeth Scharffenberger	3	0
LATN 3998	012/64865		Seth Schwartz	3	0

LATN W4009 Selections from Latin Literature: Statius. 3 points.

Prerequisites: *LATN V3012* or the equivalent.

Since the content of this course changes from year to year, it may be repeated for credit.

Fall 2014: LATN W4009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4009	001/15398	M W 10:10am - 11:25am 616 Hamilton Hall	Gareth Williams	3	9

LATN W4105 Latin Literature of the Republic. 4 points.

Prerequisites: at least two terms of Latin at the 3000 level or higher.

Latin literature from the beginning to early Augustan times.

Fall 2014: LATN W4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4105	001/17345	M W 4:10pm - 6:00pm 617b Hamilton Hall	Katharina Volk	4	6

LATN W4139 Elements of Prose Style. 3 points.

Prerequisites: at least four semesters of Latin, or the equivalent.
Intensive review of Latin syntax with translation of English sentences and paragraphs into Latin.

Fall 2014: LATN W4139

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
LATN 4139	001/02269	T Th 11:40am - 12:55pm 225 Milbank Hall	Kristina Milnor	3	7

GREEK**GREK V1101 Elementary Greek I. 4 points.**

For students who have never studied Greek. An intensive study of grammar with reading and writing of simple Attic prose.

Fall 2014: GREK V1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1101	001/65467	M W F 1:10pm - 2:25pm 616 Hamilton Hall	Elia Ruben Rudoni	4	3
GREK 1101	002/24276	T Th 6:10pm - 8:00pm 616 Hamilton Hall	Simone Oppen	4	10

Spring 2015: GREK V1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1101	001/12394	M W 4:10pm - 6:00pm 607 Hamilton Hall	Collomia Charles	4	7/18

GREK V1102 Elementary Greek II. 4 points.

Prerequisites: *GREK V1101* or the equivalent, or the instructor or the director of undergraduate studies' permission. Continuation of grammar study begun in *GREK V1101*; selections from Attic prose.

Fall 2014: GREK V1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1102	001/17200	T Th 4:10pm - 6:00pm 616 Hamilton Hall	Samuel McVane	4	4

Spring 2015: GREK V1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1102	001/23237	M W F 1:10pm - 2:25pm 616 Hamilton Hall	Elia Ruben Rudoni	4	4/18
GREK 1102	002/70525	T Th 6:10pm - 8:00pm 616 Hamilton Hall	Simone Oppen	4	3/18

GREK V1121 Intensive Elementary Greek. 4 points.

Covers all of Greek grammar and syntax in one term. Prepares the student to enter second-year Greek (*GREK V1201* or *V1202*).

Fall 2014: GREK V1121

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1121	001/74226	M W F 11:40am - 12:55pm 616 Hamilton Hall	Collomia Charles	4	4

GREK V1201 Intermediate Greek I. 4 points.

Prerequisites: *GREK V1101-1102* or the equivalent. Selections from Attic prose.

Fall 2014: GREK V1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1201	001/08819	M W 6:10pm - 8:00pm 225 Milbank Hall	Nancy Worman	4	18/25

Spring 2015: GREK V1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1201	001/75700	F 11:40am - 12:55pm 607 Hamilton Hall	Elizabeth Scharffenberger	4	7/18
GREK 1201	001/75700	T Th 11:40am - 12:55pm 617b Hamilton Hall	Elizabeth Scharffenberger	4	7/18

GREK V1202 Intermediate Greek II: Homer. 4 points.

Prerequisites: *GREK V1101-V1102* or *GREK V1121* 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.

Fall 2014: GREK V1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1202	001/12196	T Th F 11:40am - 12:55pm 617b Hamilton Hall	Deborah Steiner	4	7

Spring 2015: GREK V1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 1202	001/03655	T Th F 11:40am - 12:55pm 237 Milbank Hall	Helene Foley	4	11

GREK V3015 Philo of Alexandria: Historical Essays and the Contemplative Life. 0 points.

Not Offered During 2014-15 Academic Year.

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 V3309 Selections fr. Greek Lit: Euripides. 3 points.

Since the content of this course changes from year to year, it may be repeated for credit.

Fall 2014: GREK V3309

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3309	001/02073	T Th 11:40am - 12:55pm 501 Milbank Hall	Helene Foley	3	9

GREK V3310 Selections from Greek Literature II: Homer & Hesiod. 3 points.

Prerequisites: *GREK V1201-V1202* or the equivalent.
Since the content of this course changes from year to year, it may be repeated for credit. Topic for 2006-2007: Aristophanes.

Spring 2015: GREK V3310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3310	001/63451	T Th 2:40pm - 3:55pm 607 Hamilton Hall	Deborah Steiner	3	7

GREK V3320 Intensive Reading Course. 3 points.

Prerequisites: *GREK V1201-V1202* or the equivalent.
This course is limited to students in the Postbaccalaureate program. The intensive reading of a series of Greek texts, both prose and verse, with special emphasis on detailed stylistic and grammatical analysis of the language.

GREK W3980 The Post-Baccalaureate Seminar. 3 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 2014: GREK W3980

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3980	001/27499	F 2:10pm - 4:00pm 607 Hamilton Hall	Elizabeth Scharffenberger	3	6

GREK V3996 The Major Seminar. 3 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 2014: GREK V3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3996	001/75041	Th 4:10pm - 6:00pm 613 Hamilton Hall	Marcus Folch	3	5

GREK V3997 Directed Readings. 3 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 2014: GREK V3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3997	001/87706		Marcus Folch	3	0
GREK 3997	002/87287		Carmela Franklin	3	0
GREK 3997	003/88099		Collomia Charles	3	0
GREK 3997	004/17208		Consuelo Dutschke	3	0
GREK 3997	005/07842		Kristina Milnor	3	0
GREK 3997	006/04456		Helene Foley	3	0
GREK 3997	007/27405		Elizabeth Scharffenberger	3	0
GREK 3997	008/62302		Seth Schwartz	3	0
GREK 3997	009/66049		Deborah Steiner	3	0
GREK 3997	010/66750		Katharina Volk	3	0
GREK 3997	011/67600		Gareth Williams	3	0
GREK 3997	012/08935		Nancy Worman	3	0

Spring 2015: GREK V3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3997	001/10350		Marcus Folch	3	0
GREK 3997	002/66595		Carmela Franklin	3	0
GREK 3997	004/65140		Marco Fantuzzi	3	0
GREK 3997	005/01639		Kristina Milnor	3	0
GREK 3997	007/67504		Elizabeth Scharffenberger	3	1
GREK 3997	008/10732		Seth Schwartz	3	0

GREK 3997	009/21082	Deborah Steiner	3	0
GREK 3997	010/76985	Katharina Volk	3	0
GREK 3997	011/65023	Gareth Williams	3	3
GREK 3997	013/09443	Helene Foley	3	0

GREK V3998 Supervised Research. 3 points.

Prerequisites: the director of undergraduate studies' permission.

A program of research in Greek literature. Research paper required.

Fall 2014: GREK V3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3998	001/88549		Marcus Folch	3	0
GREK 3998	002/91953		Carmela Franklin	3	0
GREK 3998	003/83283		Collomia Charles	3	0
GREK 3998	004/96098		Consuelo Dutschke	3	1
GREK 3998	005/02523		Kristina Milnor	3	0
GREK 3998	006/01118		Helene Foley	3	0
GREK 3998	007/78037		Elizabeth Scharffenberger	3	0
GREK 3998	008/80787		Seth Schwartz	3	0
GREK 3998	009/85044		Deborah Steiner	3	0
GREK 3998	010/88540		Katharina Volk	3	0
GREK 3998	011/82196		Gareth Williams	3	0
GREK 3998	012/03482		Nancy Worman	3	1

Spring 2015: GREK V3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 3998	001/73174		Marcus Folch	3	1
GREK 3998	002/29750		Carmela Franklin	3	0
GREK 3998	004/05025		Helene Foley	3	2
GREK 3998	005/07205		Kristina Milnor	3	1
GREK 3998	007/12502		Elizabeth Scharffenberger	3	0
GREK 3998	008/10567		Seth Schwartz	3	0
GREK 3998	009/72178		Deborah Steiner	3	1

GREK 3998	010/67793	Katharina Volk	3	0
GREK 3998	011/18009	Gareth Williams	3	0

GREK W4006 Thucydides. 3 points.**Not Offered During 2014-15 Academic Year.**

Prerequisites: *GREK V1201* and *V1202* or their equivalent. A close reading of Thucydides Book 2, with consideration of its function in the history as a whole.

GREK W4009 Presocratics & Sophists. 3 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 2014: GREK W4009

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4009	001/28477	T Th 10:10am - 11:25am 616 Hamilton Hall	Marcus Folch	3	6

GREK W4010 Selections from Greek Literature: Thucydides. 3 points.

Prerequisites: *GREK V1201-V1202* or the equivalent. Since the content of this course changes each year, it may be repeated for credit.

Spring 2015: GREK W4010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4010	001/11766	M W 6:10pm - 7:25pm 613 Hamilton Hall	Daniel Tober	3	6

GREK W4020 Josephus on Siege and Triumph. 4 points.

Prerequisites: appropriate level of Greek
The main goal of this course is to read books 6 and 7 of Josephus's Jewish War, in particular the sections on the siege and destruction of Jerusalem and the Roman triumph. We will be using the text of Benedikt Niese, Flavii Iosephi Opera, Berlin: Weidmann, 1885-1897 (repr. 1955), which is helpfully reproduced with minor alterations in the Loeb Classical Library edition. Everyone is required to prepare the assigned portion of Greek text for each class; in addition, there will be (depending on the size of the class) several short writing assignments or in-class presentations featuring analysis of a section of the text, and a final paper.

Fall 2014: GREK W4020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4020	001/88941	M W 11:40am - 12:55pm Room TBA	Seth Schwartz	4	3

GREK W4105 History of Greek Literature I. 4 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.

Fall 2014: GREK W4105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4105	001/23384	T Th 2:10pm - 4:00pm 617b Hamilton Hall	Deborah Steiner	4	8

GREK W4106 History of Greek Literature II. 4 points.

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.

Spring 2015: GREK W4106

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4106	001/29908	M W 4:10pm - 6:00pm 617b Hamilton Hall	Marco Fantuzzi	4	5

GREK W4108 History of the Greek and Latin Languages. 3 points.

Not Offered During 2014-15 Academic Year.

Explores the reasons behind the grammatical structures of classical Greek and Latin, based on examination of earlier forms of the languages and on comparison with related languages. The techniques and principles of historical linguistics will also be examined.

GREK W4139 Elements of Prose Style. 3 points.

Prerequisites: at least four terms of Greek, or the equivalent. An intensive review of Greek syntax with translation of English sentences and paragraphs into Attic Greek.

Spring 2015: GREK W4139

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GREK 4139	001/71879	T Th 10:10am - 11:25am 617b Hamilton Hall	Elizabeth Scharffenberger	3	6

GREK W4140 Greek Stylistics. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: GREK W 4139 or the equivalent. The study of the development of Greek prose style through practice in composition.

GREK W4150 The Greek Language. 3 points.

Not Offered During 2014-15 Academic Year.

Introduction to the phonology and morphology of the Greek language; study of vowels and consonants, noun and verb formation, and characteristics of the Greek dialects, in

light of the relation of Greek to Proto-Indo-European and the comparison of Greek forms to other PIE (Proto-Indo-European) languages, demonstrating how the comparative method in historical linguistics accounts for the evolution of the Greek language.

GREK W4210 Topics in Aristotle's Nicomachean Ethics. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: before taking this course, it is encouraged that you read Aristotle's *Nicomachean Ethics* and Plato's *Protagoras* in English.

The course will be devoted to reading Aristotle's *Nicomachean Ethics* in ancient Greek and discussions will focus on concepts found therein.

GREK W8241 Aeschylus' Oresteia. 3 points.

Not Offered During 2014-15 Academic Year.

Intensive study of the Agamemnon and passages from the remaining plays in the trilogy. Major problems in the study of Aeschylean drama.

CLASSICAL CIVILIZATION

CLCV V3006 (Section 1) Roman Religion. 3 points.

Ancient Romans sacrificed animals to their gods (in ways not for the faint of heart) and scrutinized chickens as they pecked at food in order to ascertain the gods' will (with occasionally hilarious results). This course will introduce students to the religious life of ancient Rome as it expanded from city-state to Mediterranean empire. In our study of the rich but complex source material---literary, epigraphic, archaeological, and numismatic---we will address questions of practice and belief (did the Romans really believe in a goddess of mowing?), method (how do we relate all the bits and scraps of evidence together?), and reception (how has the concept of 'Roman religion' been formulated and studied over the centuries?) Students will study the history of religious activity in the Roman Republic and Empire (6th c. BCE-5th c. CE).

Spring 2015: CLCV V3006 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3006	001/21987	M W 4:10pm - 5:25pm 316 Hamilton Hall	Dan-el Peralta	3	10

CLCV V3101 The Archaeology of Ancient Egypt and Nubia. 3 points.

Not Offered During 2014-15 Academic Year.

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 V3110 The Ancient City. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Not Offered During 2014-15 Academic Year.

Uses archaeological and literary sources to discuss the beginnings of urbanism in the ancient Mediterranean region, with particular focus on 5th-century Athens and Imperial Rome. Aims not just to study how cities developed, but also how that development affected the ways in which people of the time thought about community living and the meaning of their physical environment.

CLCV W3111 Plato and Confucius: Comparative Ancient Philosophies. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

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.

Spring 2015: CLCV W3111

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3111	001/28453	Th 6:10pm - 8:00pm 203 Mathematics Building Folch	Marcus	3	93

CLCV V3158 Women in Antiquity. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Not Offered During 2014-15 Academic Year.

Examines the role of women in ancient Greek and Latin literature; the portrayal of women in literature as opposed to their actual social status; male and female in ancient Mediterranean cosmologies; readings from ancient epics, lyric drama, history, historical documents, medical texts, oratory, and philosophy, as well as from contemporary sociological and anthropological works that help to analyze the origins of the Western attitude toward women.

CLCV V3162 Ancient Law. 3 points.

Not Offered During 2014-15 Academic Year.

CLCV V3205 Classics in the 20th and 21st Centuries. 3 points.

Not Offered During 2014-15 Academic Year.

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.

Spring 2015: CLCV V3230

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3230	001/03319	T Th 10:10am - 11:25am 202 Milbank Hall	Kristina Milnor	3	27
CLCV 3230	001/03319	T 6:10pm - 9:00pm 202 Milbank Hall	Kristina Milnor	3	27

CLCV V3535 Identity and Society in Ancient Egypt. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Spring 2015: CLCV V3535

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 3535	001/07620	M W 2:40pm - 3:55pm 207 Milbank Hall	Deborah Vischak	3	15

CLCV W4015 Roman Law. 3 points.

Not Offered During 2014-15 Academic Year.

Examines the history of the development of Roman law and legal thought. The role of law in Roman society. Introductions to Roman methods of legal analysis, with emphasis on study and class discussion of cases from the Roman jurists.

CLCV W4100 The Handwritten Book. 3 points.

Not Offered During 2014-15 Academic Year.

How books were made in Antiquity and the Middle Ages, covering the physical characteristics of handwritten books (scripts, illustrations and illuminations, bindings, writing materials), the context in which books were created (monastic scriptorium, cathedral library, the early bookshops), and the audience which determined their use and contents

CLCV W4110 Gender and Sexuality In Ancient Greece. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA).

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.

Spring 2015: CLCV W4110

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLCV 4110	001/06204	T Th 2:40pm - 3:55pm 207 Milbank Hall	Helene Foley	3	19

CLCV W4145 Ancient Political Theory. 3 points.
Not Offered During 2014-15 Academic Year.

An examination of ancient political theory in its social and philosophical context. Topics will include constitutional theory, the origins and legitimization of government, ethics and politics, the regulation of private life, the rule of law, and the cosmopolis. Authors will include the Sophists, Plato (*Republic*, *Laws*, *Statesman*), Aristotle (*Politics*), Cicero (*Republic*, *Laws*), Polybius, Dio of Prusa (*On Kingship*, *Borysthenic Oration*), and Augustine (*City of God*).

CLCV W4190 Virtue and Happiness: Philosophy in Classical Rome. 3 points.

Not Offered During 2014-15 Academic Year.

This class provides an introduction to philosophical texts and practices of Rome's classical era (1st century BC to 2nd century AD). Why study Roman philosophy? While Romans in the early and middle Republic seem to have been satisfied with the moral code inherited from their ancestors (known as the *mos maiorum*), from the time of Cicero until the high Empire, Roman intellectuals wrestled with the problem of combining these traditional values with the range of philosophical texts and practices they encountered in the contemporary Greek world. Even though few ancient Romans qualify as original philosophical thinkers, philosophy played an important role in Roman culture, and knowledge of philosophical discourses is thus indispensable to our understanding of Roman society, history, and literature. Furthermore, owing to the vagaries of textual transmission,

the majority of our sources for Hellenistic philosophy (most notably, Epicureanism and Stoicism) happen to be Roman, with the result that this important chapter of the history of philosophy cannot be studied without detailed attention to the Roman material. And finally, philosophical texts account for some of the most important and attractive works of Latin—and indeed world—literature. Readings will be in English translation and include works by Lucretius, Cicero, Horace, Seneca, Marcus Aurelius, and others.

CLCV W4411 Egypt in the Classical World. 4 points.
Not Offered During 2014-15 Academic Year.

This class traces Egypt's evolving integration into the Classical World from the Saite Dynasty (c. 685 BCE) to the suppression of paganism by the Coptic church. We'll pay close attention to the flashpoints that created conflicts between pagan Egyptians, Greeks, Jews, and Christians and also to integrative aspects of society.

CLASSICAL LITERATURE

CLLT V3132 Classical Myth. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

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).

Fall 2014: CLLT V3132

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLLT 3132	001/06333	T Th 2:40pm - 3:55pm LL104 Diana Center	Helene Foley	3	51

CLLT V3140 Comedy Past and Present. 3 points.
Not Offered During 2014-15 Academic Year.

Ancient Greek and Roman comedies are studied along with their modern English counterparts, as we explore how fantasy and satire have been developed as tools for grappling with political, social and cultural issues. Authors may include Aristophanes, Petronius, Lucian, Apuleius, Seneca, Tom Stoppard, Thomas Pynchon, Douglas Adams and John Waters.

CLLT V3185 From Augustine to Abelard. 3 points.
Not Offered During 2014-15 Academic Year.

The proposed course, Medieval Latin Literature: From Augustine to Abelard, aims to provide undergraduate students with an introduction to the literature of the Latin Middle ages in translation. It will include all the important literary genres within the varieties of Latin which we call Medieval Latin, both in verse and prose. The course will emphasize those types of literary compositions that are newly created within the context of medieval culture, such as monastic rules, Christian

hymns, biblical exegesis, hagiography, and devotional literature. The readings will emphasize both continuity with the literary traditions of ancient Rome as found in these texts, but also the integration of biblical narratives and hermeneutics into the written culture of medieval Europe. Also included among the primary sources will be medieval discussions of literary theory.

CLLT V3205 Classics in the 20th and 21st Centuries. 3 points.

Not Offered During 2014-15 Academic Year.

CLLT V3230 Classics and Film. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Considers cinematic representations of the ancient Mediterranean world, from early silent film 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.

CLLT W4115 Tragedy and Performance. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

An intensive study of problems relating to the interpretation and performance of Greek and Roman tragedy, including modern stage versions. Special consideration is given to staging, the changing role of actors and the chorus, Aristotle's *Poetics*, and the reception of ancient tragedy, as well as social and philosophical issues, including gender conflict.

CLLT W4300 The Classical Tradition. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Overview of Greek and Roman literature. Close analysis of selected texts from the major genres accompanied by lectures on literary history. Topics include the context out of which the genres arose, the suitability of various modern critical approaches to the ancient texts, the problem of translation, and the transmission of the classical authors and their influence on modern literature.

Fall 2014: CLLT W4300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLLT 4300	001/01666	M W 2:40pm - 3:55pm 202 Milbank Hall	Nancy Worman	3	14

CLLT W4310 Myth and Ritual. 3 points.

Not Offered During 2014-15 Academic Year.

Continuation of *CLLT W3132*. Emphasis on the organization of myth and the persistence of ritual. Survey of different

ways of approaching traditional stories. Comparisons from non-Western cultures for the analysis of origins and transformations of myths.

MODERN GREEK

GRKM V1101 Elementary Modern Greek I. 4 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 2014: GRKM V1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1101	001/24240	F 10:00am - 10:50am 613 Hamilton Hall	Maria Hadjipolycarpou	4	9
GRKM 1101	001/24240	T Th 9:00am - 10:50am 613 Hamilton Hall	Maria Hadjipolycarpou	4	9

GRKM V1102 Elementary Modern Greek. 4 points.

Prerequisites: *GRKM V1101* or the equivalent.
Continuation of *GRKM V1101*. Introduction to modern Greek language and culture. Emphasis on speaking, writing, basic grammar, syntax, and cross-cultural analysis.

Spring 2015: GRKM V1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1102	001/75696	T Th 9:00am - 10:50am 613 Hamilton Hall	Maria Hadjipolycarpou	4	10/20

GRKM V1201 Intermediate Modern Greek I. 4 points.

Prerequisites: *GRKM V1101-V1102* or the equivalent.
Corequisites: students are also required to take the conversation class, *GRKM W1211*.

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 2014: GRKM V1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1201	001/25430	T Th 12:10pm - 2:00pm 616 Hamilton Hall	Maria Hadjipolycarpou	4	5

GRKM V1202 Intermediate Modern Greek II. 4 points.

Prerequisites: *GRKM V1201* or the equivalent.
Continuation of *GRKM V1201*. Students complete their knowledge of the fundamentals of Greek grammar and syntax while continuing to enrich their vocabulary.

Spring 2015: GRKM V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1202	001/16041	T Th 12:10pm - 2:00pm 408 Hamilton Hall	Maria Hadjipolycarpou	4	5/20

GRKM W1211 Intermediate Modern Greek Conversation. 1 point.

For students in *GRKM V1201*, but also open to students not enrolled in *GRKM V1201*, who wish to improve their spoken Modern Greek. For more information, contact Prof. Vangelis Calotycho at ec2268@columbia.edu.

Fall 2014: GRKM W1211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 1211	001/76197	F 11:00am - 11:50am 301 Hamilton Hall	Maria Hadjipolycarpou	1	9

GRKM V3135 Topics Through Greek Film. 3 points. Not Offered During 2014-15 Academic Year.

This course addresses a wide range of fields from film theory and aesthetics to cultural studies and history, exploring questions of film style, transnational and cosmopolitan filmmaking practices, national industries, and audience reception. We will begin by discussing recent debates in film studies about transnational and peripheral cinemas before proceeding to the case of films that are either produced in Greece or are about Greece. We will read films in terms of their narrative style, locate them in their wider socio-political and economic contexts of production and reception, and suggest other case studies based on your own background and interests. Films have English subtitles. There will be an optional 1-credit bilingual section for those students able to read and discuss materials in Greek.

GRKM V3308 Athens. 3 points.

Not Offered During 2014-15 Academic Year.

Introduces students to important discussions about culture and society in contemporary Greece. Examines the themes of gender, family, kinship, ethnicity, friendship, national identity and diaspora, individuality and community, class, and citizenship. Readings include essays by distinguished contemporary Greek scholars and are intended to offer students a comprehensive perspective of contemporary Greek cultural criticism.

GRKM V3400 Diaspora & Translation. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Not Offered During 2014-15 Academic Year.

This course introduces students to the rich tradition of literature about and by Greeks in America over the past century, exploring questions of ethnic identity, gender, and language. Students examine how contemporary debates in diaspora studies and translation theory can inform each other and how both, in turn, can inform a discussion of the writing of the Greek American experience in histories, novels, poetry, travel literature, performance art, and films. Authors include Kazan, Gage, Broumas, Spanidou, Galas, Selz, Papandreou, and Petrakis.

GRKM V3997 Directed Readings. 1-4 points.

Designed for undergraduates who want to do directed reading in a period or on a topic not covered in the curriculum.

Fall 2014: GRKM V3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3997	001/71450		Stathis Gourgouris	1-4	0
GRKM 3997	002/71907		Maria Hadjipolycarpou	1-4	4

Spring 2015: GRKM V3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3997	001/76180		Stathis Gourgouris	1-4	0
GRKM 3997	002/25288		Maria Hadjipolycarpou	1-4	5

GRKM V3998 Senior Research Seminar. 1-4 points.

Designed for students writing a senior thesis or doing advanced research on Greek or Greek Diaspora topics.

Fall 2014: GRKM V3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3998	001/10709		Stathis Gourgouris	1-4	0
GRKM 3998	002/28082		Maria Hadjipolycarpou	1-4	0

Spring 2015: GRKM V3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 3998	001/25968		Stathis Gourgouris	1-4	1
GRKM 3998	002/71942		Maria Hadjipolycarpou	1-4	0

GRKM W4250 The Greek Islands 1600-present. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: *GRKM V1201-GRKM V1202* or the instructor's permission.

Texts in Greek and English. Selective survey of key literary texts from Crete, the Ionian Isles, the Cyclades, and the Dodecanese, as well as western texts about these *topoi*. Sometimes, island paradises and retreats; other times, sites of political internment or occupation. Texts will be read in historical specificity; in linguistic, cultural, political, utopic terms. Texts will include selections from Kornaros's *Erotokritos*, Jesuit Cycladic theater, folksongs, Solomos, Papadiamantis, Theotokis, Venezis, Elytis, Ritsos, Karapanou, as well as some Greek and foreign contemporary films.

GRKM W4300 Worlding Cavafy: Desire & Media. 4 points.
Not Offered During 2014-15 Academic Year.

C. P. Cavafy, a poet of the Greek Diaspora in Alexandria, had a profound influence on writers such as E.M. Forster, Marguerite Yourcenar, and James Merrill; as well as artists such as David Hockney and Duane Michaels. By examining Cavafy's work in all its permutations (as criticism, translation, adaptation), this course introduces students to a wide range of critical approaches used in Comparative Literature, Gender Studies, and Translation Studies. The Cavafy case becomes an experimental ground for different kinds of critical methods, those that engage social-historical issues such as sexuality, diaspora, postcoloniality as well as linguistic issues such as multilingualism, translation and media. How does this poet "at a slight angle to the universe" challenge contemporary theories of gender and literature as national institution? How can studying a canonical author open up our theories and practices of translation? To what extent are translations and adaptations hermeneutic acts? What do they tell us about the receiving culture as well as the source culture? What will our own translation project be? Though this course presupposes no knowledge of Greek, students wanting to read Cavafy in the original are encouraged to take the 1-credit directed reading tutorial offered simultaneously.

GRKM W4430 Greece and the Modern Imagination. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Not Offered During 2014-15 Academic Year.

An examination of Philhellenism, the Hellenic Ideal in Europe, and the Greek National response to it.

GRKM W4997 Directed Readings. 1-4 points.

Designed for graduates who want to do directed reading in a period or on a topic not covered in the curriculum.

Fall 2014: GRKM W4997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4997	001/87308		Stathis Gourgouris	1-4	0
GRKM 4997	002/92702		Maria Hadjipolycarpou	1-4	2

Spring 2015: GRKM W4997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GRKM 4997	001/72354		Stathis Gourgouris	1-4	0
GRKM 4997	002/21099		Maria Hadjipolycarpou	1-4	0

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 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.

COURSES

INTERDEPARTMENTAL SEMINARS

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 2014-15 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.

INSM W3920 Nobility and Civility. 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.

Fall 2014: INSM W3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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INSM 3920	001/15409	W 2:10pm - 4:00pm Hl-2 Heyman Center For Humanities	Jo Ann Cavallo, Wm Theodore De Bary	4	18/30
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INSM W3921 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.

Spring 2015: INSM W3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3921	001/72938	W 2:10pm - 4:00pm Hl-2 Heyman Center For Humanities	Douglas Chalmers, Wm Theodore De Bary	4	15/30

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.

Spring 2015: INSM W3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3950	001/61148	W 4:10pm - 6:00pm 522c Kent Hall	Allan Silver, Rachel Chung	4	16/0

PROFESSIONAL SCHOOL OFFERINGS

JOUR W3100 Journalism and Public Life. 3 points.

An introduction to the conventions, traditions, values, assumptions, and arguments that have shaped the institution of journalism and its central role in public life. Through close readings/viewings of current and classic works of journalism

as well as secondary sources, we explore some of the Big Questions: What is journalism for? What is its role in public life, and how has that changed over time? Is objectivity dead--or should it be? How have new technologies affected our expectations? Is sensationalism bad for you? What is the future of journalism? The focus is on the American experience from the colonial era to the present day, though we will also draw comparisons with international developments.

Spring 2015: JOUR W3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JOUR 3100	001/88396	T Th 11:40am - 12:55pm Room TBA	Andie Tucher	3	37/40

PUBH W3100 Fundamentals of Global Health. *3 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 of the class 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 2015: PUBH W3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3100	001/10998	M W 4:10pm - 5:25pm 312 Mathematics Building Ager	Alastair	3	90/100

PUBH W3200 Introduction to Public Health. *3 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?

Spring 2015: PUBH W3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUBH 3200	001/13019	M W 6:10pm - 7:25pm 313 Fayerweather	Dana March	3	43

COMPARATIVE LITERATURE AND SOCIETY

Program Office: B-101 Heyman Center, East Campus;
212-854-4541; icls@columbia.edu
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Director: Prof. Stathis Gourgouris, 608 Hamilton;
212-854-9638; ssg93@columbia.edu

Director of Undergraduate Studies: Associate Prof.
Madeleine Dobie, 510 Philosophy; 212-854-9874;
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Assistant Director: Catherine LaSota, B-102 Heyman Center,
East Campus; 212-854-8850; clasota@columbia.edu

Established at Columbia in 1998, the Institute for Comparative Literature and Society (ICLS) (<http://icls.columbia.edu>) 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 program at ICLS allows 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) or the major track in Medicine, Literature, and Society (MLS). Currently, the MLS track is not available for the concentration.

Given the wide variety of geographic and disciplinary specializations possible within the major 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 V3900 Introduction to Comparative Literature and Society in their sophomore year, as well as the required senior seminar in the fall of their last year in the program. The ICLS major 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 MLS major track, 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 V3900 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=CPLS%20V3900>) Introduction to Comparative Literature and Society in the spring semester of the sophomore year.

Information about admission requirements and application to the major or concentration can be found at http://icls.columbia.edu/academics/undergraduate/the_undergraduate_program. Students are advised to meet with the director of undergraduate studies before submitting the statement of purpose for the application.

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/academics/undergraduate/undergraduate_departmental_honors.

FACULTY EXECUTIVE COMMITTEE OF ICLS

Gil Anidjar (Religion; Middle Eastern, South Asian, and African Studies)
 Jean Louise Cohen (Political Science)
 Patricia Dailey (English)
 Souleymane Bachir Diagne (French and Romance Philology)
 Mamadou Diouf (Middle Eastern, South Asian, and African Studies)
 Madeleine Dobie (French and Romance Philology)
 Brent Hayes Edwards (English; Jazz Studies)
 Stathis Gourgouris (Classics; English and Comparative Literature)
 Andreas Huyssen (Germanic Languages)
 Lydia Liu (East Asian Languages and Cultures)
 Reinhold Martin (Architecture)
 Rosalind Morris (Anthropology)
 Anupama Rao (History, Barnard)
 Jesús Rodríguez-Velasco (Latin American and Iberian Cultures)
 Oliver Simons (Germanic Languages)
 Gayatri Chakravorty Spivak (University Professor)
 Nadia Urbinati (Political Science)
 W.B. Worthen (Theatre, Barnard)

REQUIREMENTS GUIDELINES FOR ALL ICLS MAJORS AND CONCENTRATORS

At the time of application, students interested in the major (including the major track in medicine, literature, and society) or concentration must have met these requirements:

1. Foreign language 1: four semesters of language training (or equivalent) and two semesters of introductory literature courses, typically numbered 3330-3350.
2. Foreign language 2: four semesters of one language or two semesters of two languages.
3. CPLS V3900 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=CPLS%20V3900>) Introduction to Comparative Literature and Society, usually taken in the spring of the sophomore year
4. A GPA of at least 3.5
5. 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 requires a minimum of 42 points, or 14 courses, in comparative literature and society as follows. Note that language courses taken to fulfill the application requirements 1 and 2 above do not count toward the major or concentration. In the description below, "affiliated disciplines" refers to the humanities (except the language and literature departments), the social sciences (history, anthropology, political science, etc.), law, and architecture:

1. CPLS V3900 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=CPLS%20V3900>) Introduction to Comparative Literature and Society, required for all 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):
 - Two courses with a *CPLS* designator. *CLxx* courses, i.e., courses designated as comparative in nature by various language and literature departments, may count for the major with director of undergraduate studies' approval.
 - Two seminars (discussion-driven courses at the 3000- or 4000-level), chosen from among the affiliated disciplines.
 - Two courses requiring readings in a language other than English, preferably conducted in the target language and for which written assignments are composed in the language as well.
 - Three courses in a single national or regional literature and/or culture, chosen from any discipline or school.
 - Four courses in literature or any of the affiliated disciplines and related to the student's historical or thematic focus.
3. CPLS V3991 Senior Seminar in Comparative Literature and Society
4. Senior thesis (optional)

MAJOR TRACK IN MEDICINE, LITERATURE, AND SOCIETY

The major track in medicine, literature, and society requires 15 courses of study. Students interested in the track 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 V3900 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=CPLS%20V3900>) Introduction to Comparative Literature and Society,

required for all ICLS majors and normally taken in the spring of the sophomore year.

2. Three courses with a *CPLS* designator. *CLxx* courses, i.e., courses designated as comparative in nature by various language-literature or social science departments, may count for the major with director of undergraduate studies' approval.
3. Three courses within a given department/discipline that address students' focused interest (Literature and Medicine; Medical Anthropology; History of Medicine/ Public Health) and develop the methodological skills of that discipline
4. Two courses requiring readings in a language other than English, preferably conducted in the target language and for which written assignments are composed in the language as well
5. Four courses in interdisciplinary studies that address the nexus of the students' interests (Literature and Medicine; Medical Anthropology; History of Medicine/ Public Health) OR an individual area of specialization (e.g., Disability Studies; Neuroscience and the Human; Technology Studies; Discourses of the Body; Biopolitics; Bioethics; etc.)
6. One course of engaged scholarship/service learning/ independent project. (This may be fulfilled by appropriate study abroad and/or study elsewhere in the United States.)
7. *CPLS* V3992 Senior Seminar in Medicine, Literature, and Society
8. Senior thesis (optional)

CONCENTRATION IN COMPARATIVE LITERATURE AND SOCIETY

The concentration in comparative literature and society requires a total of 36 points, or 12 courses in comparative literature and society as follows:

1. *CPLS* V3900 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=CPLS%20V3900>)
Introduction to Comparative Literature and Society, normally taken in the spring of the sophomore year.
2. Advanced courses as follows:
 - Two courses with a *CPLS* designator. *CLxx* courses, i.e., courses designated as comparative in nature by the various language and literature departments, may count for the major with director of undergraduate studies' approval.
 - Two seminars (discussion-driven courses at the 3000- or 4000-level), chosen from among the affiliated disciplines.
 - One to two courses requiring readings in a language other than English, preferably conducted in the

target language and for which written assignments are composed in the language as well.

- Two to three courses in a single national or regional literature and/or culture, chosen from any discipline or school.
- Two to four courses in literature or any of the affiliated disciplines and related to the student's historical or thematic focus.

COURSES

CLPS W4220 Narrative, Health, and Social Justice. 3 points.

Narrative medicine - its practice and scholarship - is necessarily concerned with issues of trauma, body, memory, voice, and intersubjectivity. However, to grapple with these issues, we must locate them in their social, cultural, political, and historical contexts. Narrative understanding helps unpack the complex power relations between North and South, state and worker, disabled body and able-body, bread-earner and child-bearer, as well as self and the Other (or, even, selves and others). If disease, violence, terror, war, poverty and oppression manifest themselves narratively, then resistance, justice, healing, activism, and collectivity can equally be products of a narrative based approach to ourselves and the world.

CPLS W3333 East/West Frametale Narratives. 3 points. CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Frametale narratives, the art of inserting stories within stories, in oral and written forms, originated in East and South Asia centuries ago; tales familiar to Europe, often called novellas, can trace their development from oral tales to transmitted Sanskrit and Pahlavi tales, as well as Arabic and Hebrew stories. Both Muslim Spain and Christian Spain served as the nexus between the East and Europe in the journey of translation and the creation of new works. Through readings and films, the course examines the structure, meaning, and function of ancient, medieval, and early modern frametale narrative from the Arabian Nights to the works of Cervantes. This is a Global Core course. Application Instructions: E-mail Professor Patricia E. Grieve (peg1@columbia.edu) no later than November 17, 2014 with the subject heading "Application: E/W Frametale Narratives." 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. Applicants will be notified of decisions by November 18, 2014.

Spring 2015: CPLS W3333

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3333	001/97900	M W 10:10am - 11:25am 201 Casa Hispanica	Patricia Grieve	3	24/20

CPLS W3454 Blood/Lust: Staging the Early Modern Mediterranean. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Application Required **Not Offered During 2014-15 Academic Year.**

This course examines, in 16th and 17th 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 represented national and imperial clashes, and how the concepts of being "Spanish", "English", or "Turk" 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, the Ottoman Empire, and the Barbary States.

CPLS V3675 Mad Love. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

The history of irrational love as embodied in literary and non-literary texts throughout the Western tradition. Readings include the Bible, Greek, Roman, Medieval, and modern texts.

Fall 2014: CPLS V3675

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3675	001/07595	M W 2:40pm - 3:55pm 328 Milbank Hall	Alfred Mac Adam	3	30

CPLS W3722 Narrative and Disability. 4 points.

The past ten years have seen an explosion of memoirs, blogs, essays, novels, and films about illness and disability. This course will look at the intersection of disability and narrative, investigating the ways that illness and disability give rise to unique forms of representation in a variety of media. We will contextualize our study of narrative by asking what political and social factors have given rise to the current boom in disability narratives, as well as the way we understand disability itself. We will lend historical depth to our investigation by looking at earlier examples of disability in literary and visual culture, seeking to understand how more recent representations are informed both by a longer literary history, as well as such practices as freak shows, institutionalization, and the rise of the medical and/or helping professions. Weekly meetings are organized topically to introduce students to some of the major concepts and debates currently animating the field of disability studies.

CPLS V3900 Introduction to Comparative Literature and Society. 3 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 intending to declare a major in Comparative Literature and Society or Medicine, Literature, and Society in Spring 2015.

Spring 2015: CPLS V3900

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3900	001/63229	T 12:10pm - 2:00pm 707 Hamilton Hall	Stathis Gourgouris	3	28/20

CPLS W3943 Risk, Illness Narratives and the Contemporary Novel. 3 points.

The human body, a loose and baggy construction, is inherently vulnerable. We are at risk from the food and water we eat and drink, from the air we breathe, and from the sun that warms us; we are at risk from our jobs and our transportation systems; we are at risk from terrorism; in our genes, we are even at risk before we are born. And not only are we at risk, we put everything else at risk (global warming, the thinning of the ozone layer, deforestation, overfishing, etc). In the 21st century, the discourse of risk seems to be everywhere. As Ulrich Beck wrote in *The Risk Society*, modernity is characterized by "problems and conflicts that originate in the production, definition and distribution of techno-scientifically generated risks." However, the only thing that seems to be certain is that these risks are uncertain. In this class, we will investigate the representation and thematization of theories of risk in illness narratives and contemporary novels. As the difference between perceived and actual risks seems to magnify, as the benefits of technological innovation are increasingly seen as producing risks of an equal magnitude, as our health and our environment are constantly besieged by narratives of risk, fictional and autobiographical characters and protagonists are more firmly inhabiting these 'riskscapes'. How do illness narratives and novels make formal choices about what kinds of risk stories can be told? How does the generative capacity of risk, and its related terms paranoia and anxiety, motivate plots and metaphors? How does an understanding of risk help us discriminate between hypochondria and other more tangible forms of disease? We will explore theories of risk, and the production of meaning around risk in works by Don Delillo, Richard Powers, Amitav Ghosh, Susanne Antonetta, and Alice Wexler, among others.

CPLS W3944 Literature and Medicine: Imagining Illness. 3 points.

Between Virginia Woolf's pronouncement that no great literature of illness exists and Henry James' late contention that sickness offers for the writer the "shortest of all cuts to the interesting state," we have a possible range of literary responses to illness. But bodies and disease are not just socially contested discursive formations; they are determined by the

constraints of biological reality. The experience of illness, from autism to cancer, comes to life in this intersection of "medical fact" and representational value. Through the reading of literary accounts of illness and illness narratives, as conceived by patients, physicians, and professional writers, we will develop a language and theoretical framework to explore the relation between culture and medicine in the construction of the sick body and self. To highlight these reciprocal relations, we will examine the scientific and representational meanings of concepts like contagion, vaccination, genetic transmission, and transplantation in the works of Mary Shelley, Oscar Wilde, Thomas Mann, William Gibson, and Kazuo Ishiguro, in addition to illness memoirs by Susanne Antonetta, Emmanuelle Laborit, and Paul Monette.

Spring 2015: CPLS W3944

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3944	001/66166	T 10:10am - 12:00pm 201 80 Claremont	Rishi Goyal	3	17/20

CPLS W3945 Transnational Memory Politics and the Culture of Human Rights. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: the instructor's permission.

A cross-disciplinary and transnational inquiry into memory politics in the contemporary world. Topics include the relation between history and public memory, transitional justice, media of memory (photography, film, graphic novels, monuments, and memorials), and human rights. THIS COURSE IS ONLY OPEN TO ADVANCED UNDERGRADUATES. AN APPLICATION IS REQUIRED. Please send the following information to clasota@columbia.edu no later than November 7, 2013: year and major, relevant courses taken, and interest in the course. Students will be notified of application decisions during early registration week.

CPLS V3947 Transnational Melodrama. 3 points. Not Offered During 2014-15 Academic Year.

Our common understanding of melodrama refers to a set of subgenres that remain close to the heart and hearth, and feature a heightened emotionalism and moral contrast. This melodramatic, or excessive, narrative and imagination has also been a prevalent mode dealing with intercultural clashes and historical conflict. This course explores melodramatic imaginations in literature, film, and drama mainly at three historical and geopolitical moments: the 18th century, the interwar period, and the present global era. The goal of this course is to investigate the history and imagination of global interrelations through melodramatic representation and inquiry in Chinese, European, and American literature and culture. In the end, we aim to develop a critical understanding of race, gender, immigration, and border thinking in our

globalized world. Course materials range from Chinese Ming drama to Puccini's *Madame Butterfly*, from Turkish-German film *Head On* to Chinese American novel *American Knees*.

CPLS W3948 The Environment: Bio-Politics, Aesthetics, Ideo-Theology. 3 points.

This course seeks to understand how the Environment came to stand as a dominant paradigm for comprehending economic and social interactions in the latter half of the twentieth century. Proposing that by the 1960's the Environment had subsumed antecedent world-models such as "Universal History", this course traces an arc from early-modern European natural history to the late-twentieth-century discourse on sustainability, examining how post-Enlightenment scientific and humanist discourses were absorbed within and transformed by the construct of the Environment. For example, we will see how the terms and techniques for analyzing and managing "Nature" in early-modern Europe shifted almost seamlessly by the mid-twentieth century into terms and techniques for organizing "the Environment" via developments in evolutionary science and eugenics, psychoanalysis, computer modeling, and new forms of global governance. Because the Environment has been posited as an empirically-knowable system that simultaneously transcends any ontological category, we will question methods by which to approach such a discursive-material object, looking at how different disciplines have attempted to measure, understand, and delimit the Environment: e.g., as a psychological, semiotic, biological, cultural, or technological entity. Within the post-World War II decades, we will pay particular attention to how architects, landscape architects, planners, and technological designers contributed to the Environment's conceptual formation. Readings for most weeks include one primary text supplemented by secondary sources. The course is open to all advanced undergraduates and should be of especial interest to students of history, anthropology, art history, engineering, and the biological sciences.

Spring 2015: CPLS W3948

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3948	001/72352	Th 4:10pm - 6:00pm 402 Hamilton Hall	Virginia Nolan	3	3

CPLS V3950 Colloquium in Literary Theory. 4 points.

Prerequisites: Enrollment limited to 18.

Examination of concepts and assumptions present in contemporary views of literature. Theory of meaning and interpretation (hermeneutics); questions of genre (with discussion of representative examples); a critical analysis of formalist, psychoanalytic, structuralist, post-structuralist, Marxist, and feminist approaches to literature.

Spring 2015: CPLS V3950

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3950	001/02345	M W 1:10pm - 2:25pm 325 Milbank Hall	Masha Mimran	4	11

CPLS W3955 The West in Global Thought. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Not Offered During 2014-15 Academic Year.

This seminar explores the meaning of the "West" through political and cultural critiques articulated - and carried out - across the world from the late 19th century to the present. We will examine how a wide range of writers, philosophers, filmmakers, and political activists have construed the "West". This interdisciplinary approach enables us to highlight how the "West" has been criticized for possessing different and contradictory characteristics - for being materialistic and idealist; national and imperial; secular and Christian; universalist and Euro-centric; progressive and polluting. Students will confront these critiques by analyzing how the category of the "West" figured (and figures) into the various agendas of intellectuals from Asia, the Middle East, Africa, and Europe itself.

CPLS W3956 Postcolonial Narrative and the Limits of the Human. 3 points.

Not Offered During 2014-15 Academic Year.

This course is an attempt to connect developments in postcolonial studies to the critique and rethinking of humanism. Students will practice close reading of literary, ethnographic, and perhaps some archival texts, and will respond to these texts through critical academic writing, wherein they will enact their own close readings. As Michel Foucault reveals (now famously) in *The Order of Things*, "man" is not a universal but a contingent invention of the Enlightenment, inscribing a particular vision of life, labor, and language in the biological, economic, and linguistic sciences. Frequently this idea of the human has been articulated precisely through the assertion of its difference from non-European patterns of kinship and economic practice. This conceptual distinction, through the idea of race and its instantiation in Imperialism, would lead to much of the globe's human population being refused inclusion in the category of the human. Yet third and fourth world writers have also used the idea of the human as a rallying cry to resist this Imperialism (even as the latter, based itself on an exclusionary exploration of the category of the human). For instance, Franz Fanon, in *Black Skin, White Masks*, declared the necessity of exploring a "New Humanism." How are we to think humanism, while being attentive to both its exclusionary genealogy and its emancipator potential? The course approaches this question by contrasting modernist and postcolonial texts that differently engage modernity, tradition, and intentionality, all refracted through the question of the

human. In doing so, we will also examine the idea of the absolute outside to the human: the animal, through the related philosophical question that Jacques Derrida, among others, has recently raised.

CPLS V3960 Foundations of Narrative Medicine: Giving and Receiving Accounts of Self. 4 points.

Narrative competence is a crucial dimension of health-care delivery, the capacity to attend and respond to stories of illness, and the narrative skills to reflect critically on the scene of care. Narrative Medicine explores and builds the clinical applications of literary knowledge. How are illnesses emplotted? Does suffering belong to a genre? Can a medical history be co-narrated in order to redistribute ownership and authority? What does Geoffrey Hartman mean by the term, "story cure"? The objectives of this course include furthering close reading skills, and exploring theories of self-telling and relationality. At the center of this project is the medical encounter. We are interested in situations in which one person gives an account of himself, of herself, and another person is expected to receive it. In examining the complexities of this exchange, to help clinicians to fulfill their "receiving" duties more effectively, we will turn to narrative theory, performance theory, autobiographical theory, psychoanalytic theory, and the nexus of narrative and identity. Readings will include works by Fyodor Dostoevsky, Henry James, W.G. Sebald, Kazuo Ishiguro, Judith Butler, Arthur Frank, Jonathan Shay, Michael White, and an assortment of the readings in narrative theory, trauma scholarship, and witnessing literature.

Fall 2014: CPLS V3960

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3960	001/29931	Th 4:10pm - 6:00pm 707 Hamilton Hall	Maura Spiegel	4	16/20

CPLS V3991 Senior Seminar in Comparative Literature and Society. 3 points.

Required of all comparative literature and society majors. Intensive research in selected areas of comparative literature and society. Topic for 2015: TBA

Fall 2014: CPLS V3991

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3991	001/16294	T 12:10pm - 2:00pm 401 Hamilton Hall	Stathis Gourgouris	3	13/20

CPLS V3992 Senior Seminar in Medicine, Literature, and Society. 3 points.

Required of all Medicine, Literature, and Society majors. Intensive research in selected areas of Medicine, Literature, and Society.

CPLS V3995 Senior Thesis on Comparative Literature and Society. 3 points.

Students who decide to write a senior thesis should enroll in this tutorial. They should also identify, during the fall semester, a member of the faculty in a relevant department who will be willing to supervise their work and who is responsible for assigning the final grade. The thesis is a rigorous research work of approximately 40 pages (including a bibliography formatted in MLA style). It may be written in English or in another language relevant to the student's scholarly interests. The thesis should be turned in on the announced due date as hard copy to the Director of Undergraduate Studies.

Spring 2015: CPLS V3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 3995	001/92195		Madeleine Dobie	3	4/15

CPLS W4013 Classical Mythology. 3 points.

CPLS W4080 Magic and Modernity. 3 points. Not Offered During 2014-15 Academic Year.

Examines literary treatments of magic produced at five pivotal moments in (mostly) European intellectual history, and inquires: How does the depiction of magic relate to the idea of "modernity" and its attendant anxieties? How do texts produce magical effects? How does magic function as a way of understanding the world? Readings include works by Ovid, Apuleius, Marie de France, Chaucer, Shakespeare, Goethe, Pushkin, Bulgakov, and others, as well as folklore and theoretical texts.

CPLS W4100 Andalusian Symbiosis: Islam and the West. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This interdisciplinary team-taught seminar deals with the rich culture of Iberia (present-day Spain and Portugal) during the period when it was an Islamic, mostly Arabic-speaking territory - from the 8th to the 15th century. This theme course is significant in its approach to the study of Andalusia for a number of reasons: it grounds the study of Muslim Spain in the larger context of the history of Islam and of Arabic culture outside of Spain; it embraces many aspects of the hybrid Andalusian legacy: history, language, literature, philosophy, music, art, architecture, and sciences, among others; and, while the course includes materials from Christian writers, the textual materials focus more on Arabic writings and the viewpoint of Muslim Spaniards. The course closely examines the cultural symbiosis between Arab Muslims and Christian Europeans during the eight centuries of their coexistence in Andalusia. Through a critical reading of an appropriately chosen set of texts translated into English from

Arabic, Latin, Spanish, and other Iberian dialects, students will study the historical, literary, linguistic, religious, artistic, architectural, and technological products that were created by the remarkable symbiosis that took place in Andalusia. With its multiethnic and multilingual forms, the Andalusian legacy bears direct resemblance to our contemporary multicultural world and provides students with a rare opportunity to integrate knowledge of different sources and viewpoints. In the first and final weeks, we compare how two contemporary historical novels, by Arab writer Radwa Ashour and Tariq Ali (of Pakistani extraction), treat the fall of Granada in 1492. Class discussion and readings in English.

Fall 2014: CPLS W4100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CPLS 4100	001/63016 W	2:10pm - 4:00pm 201 Casa Hispanica	Patricia Grieve, Muhsin Al-Musawi	4	12/15

OF RELATED INTEREST

Classics

CLGM W3937	The Culture of Democracy
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Comparative Literature (Barnard)

CPLT BC3110	Introduction to Translation Studies
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CPLS BC3123 Friend or Foe? World Literature and the Question of Justice

CPLS BC3170 Translating Madness: The Sciences and Fictions of Pathology

CPLS BC3510 Advanced Workshop in Translation

East Asian Languages and Cultures

CLEA W4101	Literary and Cultural Theory East and West
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English & Comparative Literature

CLEN W3390 The Art of the Novel

CLEN W4550 Narrative and Human Rights

CLEN W4995 Special Topics in Modern Literature: Reading Lacan

English (Barnard)

CLEN W4560 Backgrounds to Contemporary Theory

Germanic Languages

CLGR W4207 Aesthetics Under Siege: the Frankfurt School

History (Barnard)

HIST BC4830 Bombay/Mumbai and Its Urban Imaginaries

Italian

CLIA V3660 Mafia Movies: From Sicily to The Sopranos

CLIA G4405 Poetry, Poetics, and Contemporary
Society, 1945-Present

Middle Eastern, South Asian, and African Studies

CLME G4227 The Islamic Context of the Arabian Nights
since the Establishment of Baghdad

CLME G4228 The Arab Street: Politics and Poetics of
Transformation

Religion

RELI W4712 Recovering Place

Slavic Languages

CLRS V3301 Angry Young Decade: 1955 - 1965 In
Russia, Poland, USA & England

CLSL W4003 Central European Drama in the Twentieth
Century

CLRS W4011 Dostoevsky, Tolstoy, and the English
Novel [in English]

CLCZ W4030 Postwar Czech Literature [in English]

CLCZ W4035 The Writers of Prague

CLSL W4075 Soviet and Post-Soviet, Colonial and Post
Colonial Film

CLSS W4100 Central Europe and the Orient in the
Works of Yugoslav Writers [In English]

CLSL W4995 Central European Jewish Literature:
Assimilation and Its Discontents

COMPUTER SCIENCE

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Associate Chair for Undergraduate Education: Dr. Adam Cannon, 459 Computer Science Building; 212-939-7016;
cannon@cs.columbia.edu

The majors in 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 three majors: computer science; information 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 artificial intelligence 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 and graphics 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, 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 A exam along with exemption from COMS W1004 Introduction to Computer Science and Programming in Java. Students can receive credit for only one introductory computer science sequence.

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.

The computer facilities include a shared infrastructure of Sun and Linux multi-processor file servers, NetApp file servers, a student interactive teaching and research lab of high-end multimedia workstations, a load balanced web cluster with 6 servers and business process servers, a large student laboratory, featuring 18 windows machines and 33 Linux towers each with 8 cores and 24GB memory; a remote Linux cluster with 17 servers, a large Linux compute cluster and a number of computing facilities for individual research labs. In addition, the data center houses a compute cluster consisting of a Linux cloud with 43 servers each with 2 Nehalem processors, 8 cores and 24GB memory. This can support about 5000 of VMware instances.

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 & Linux servers; a simulation testbed with several Sun servers & 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.

FACULTY PROFESSORS

- Alfred V. Aho
- Peter K. Allen
- Peter Belhumeur
- Steven M. Bellovin
- Michael J. Collins
- Steven K. Feiner
- Luis Gravano
- Jonathan L. Gross
- Julia Hirschberg
- Gail E. Kaiser
- John R. Kender
- Kathleen R. McKeown
- Shree K. Nayar
- Jason Nieh
- Steven M. Nowick
- Kenneth A. Ross
- Henning G. Schulzrinne
- Salvatore J. Stolfo
- Joseph F. Traub
- Henryk Wozniakowski
- Mihalis Yannakakis

ASSOCIATE PROFESSORS

- Luca Carloni
- Stephen A. Edwards
- Eitan Grinspun
- Tony Jebara
- Angelos D. Keromytis
- Tal Malkin
- Vishal Misra
- Itshack Pe'er
- Daniel Rubenstein
- Rocco Servedio
- Simha Sethumadhavan

- Junfeng Yang

ASSISTANT PROFESSORS

- Augustin Chaintreau
- Xi Chen
- Roxana Geambasu
- Daniel Hsu
- Martha Allen Kim
- Allison Lewko
- Changxi Zheng

SENIOR LECTURER IN DISCIPLINE

- Adam Cannon

LECTURER IN DISCIPLINE

- Jae Woo Lee

ASSOCIATED FACULTY

- Shih-Fu Chang
- Edward G. Coffman Jr.
- Dana Pe'er
- Clifford Stein
- Steven H. Unger (*emeritus*)
- Vladimir Vapnik
- Yechiam Yemini (*emeritus*)

SENIOR RESEARCH SCIENTISTS

- Arthur G. Werschulz
- Moti Yung

RESEARCH SCIENTISTS

- Rebecca Passonneau
- Owen Rambow
- Anargyros Papageorgiou

ASSOCIATED RESEARCH SCIENTISTS

- Marta Arias
- Jiang Chen
- Wei Chu
- Mona Diab
- Mohit Gupta
- Nizar Habash
- Claire Monteleoni
- Michail Polychronakis
- Cynthia Rudin
- Ansaf Salieb-Aouissi

REQUIREMENTS

GUIDELINES FOR ALL COMPUTER SCIENCE MAJORS AND CONCENTRATORS

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 Data Structures with C/C++
- COMS W3137 Honors Data Structures and Algorithms.

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 advisor during their first or second year. As a rule, no more than 12 transfer credits are accepted toward the major. 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. A typical program of study is as follows:

Program of Study

Computer Science Core—22 - 24 Points

For students who declare in Spring 2014 and beyond:

ENGI E1006 Introduction to Computing for Engineers and Applied Scientists (is 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 W3157 Advanced Programming
COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory
COMS W3134 Data Structures in Java

or COMS W3137 Honors Data Structures and Algorithms

Junior and Senior Year

Select the remaining required core courses:

COMS W3261 Computer Science Theory

CSEE W3827 Fundamentals of Computer Systems

Select one of the following:

COMS W3210 Scientific Computation

COMS W3251 Computational Linear Algebra

SIEO W3600 Introduction to Probability and Statistics

or SIEO W4150 Introduction to Probability and Statistics

Students who have taken AP Computer Science in high school and received a score of 4 or 5 are exempt from COMS W1004 Introduction to Computer Science and Programming in Java, but are encouraged to pursue the honors introductory sequence COMS W1007 Honors Introduction to Computer Science- COMS W3137 Honors Data Structures and Algorithms.

For students who declared prior to Spring 2014:

First Year

COMS W1004 Introduction to Computer Science and Programming in Java

Sophomore Year

COMS W1007 Honors Introduction to Computer Science

COMS W3157 Advanced Programming

COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory

COMS W3137 Honors Data Structures and Algorithms

Junior and Senior Year

COMS W3261 Computer Science Theory

CSEE W3827 Fundamentals of Computer Systems

Students who have taken AP Computer Science in high school and received a score of 4 or 5 are exempt from COMS W1004 Introduction to Computer Science and Programming in Java.

Beyond the CS Core, for students that declare before or after Spring 2014, the major requires 41 or 44 points depending on the track as follows:

Mathematics—3 points

Calculus II or Calculus III.

Track Requirement—15 or 18 points

Students must select one of the following six upper-level tracks. Each track, except the combined track, requires five courses consisting of required, elective breadth, and elective track courses. The combined 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, scientific computing, and security.

Required Courses

CSOR W4231	Analysis of Algorithms I
COMS W4236	Introduction to Computational Complexity
COMS W4241	Numerical Algorithms and Complexity

Track Electives

COMS W4203	Graph Theory
COMS W4205	Combinatorial Theory
COMS W4252	Introduction to Computational Learning Theory
COMS W4261	Introduction to Cryptography
COMS W4281	Introduction to Quantum Computing
COMS W4444	Programming and Problem Solving
COMS W4771	Machine Learning
COMS W4772	Advanced Machine Learning

Adviser Approved:

COMS W3902	Undergraduate Thesis
COMS W3998	Undergraduate Projects in Computer Science
COMS W4901	Projects in Computer Science
COMS W4995	Special Topics in Computer Science, I
COMS W4996	Special Topics in Computer Science, II

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 networking, programming languages, operating systems, and software systems.

Required Courses

COMS W4115	Programming Languages and Translators
COMS W4118	Operating Systems I
CSEE W4119	Computer Networks

Track Electives

Any COMS W41xx course	
Any COMS W48xx course	

COMS W4444	Programming and Problem Solving
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Adviser Approved:

COMS W3902	Undergraduate Thesis
COMS W3998	Undergraduate Projects in Computer Science
COMS W4901	Projects in Computer Science
COMS W4995	Special Topics in Computer Science, I
COMS W4996	Special Topics in Computer Science, II

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:

COMS W4701	Artificial Intelligence
COMS W4705	Natural Language Processing
COMS W4706	Spoken Language Processing
COMS W4731	Computer Vision
COMS W4733	Computational Aspects of Robotics
COMS W4771	Machine Learning

Track Electives

Any COMS W40xx course

COMS W4252 Introduction to Computational Learning Theory

Any COMS W47xx course

Adviser Approved:

COMS W3902 Undergraduate Thesis

COMS W3998 Undergraduate Projects in Computer Science

COMS W4901 Projects in Computer Science

COMS W4995 Special Topics in Computer Science, I

COMS W4996 Special Topics in Computer Science, II

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

For students interested in interactive multimedia applications for the internet and wireless networks.

Required Courses

COMS W4115 Programming Languages and Translators

COMS W4170 User Interface Design

Track Electives

Any COMS W41xx course

Any COMS W47xx course

Adviser Approved:

COMS W3902 Undergraduate Thesis

COMS W3998 Undergraduate Projects in Computer Science

COMS W4901 Projects in Computer Science

COMS W4995 Special Topics in Computer Science, I

COMS W4996 Special Topics in Computer Science, II

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 and Graphics Track—15 points

For students interested in computer vision, graphics, and advanced forms of human computer interaction.

Required Courses

Select two of the following:

COMS W4160 Computer Graphics

COMS W4167 Computer Animation

COMS W4731 Computer Vision

Track Electives

COMS W4162 Advanced Computer Graphics

COMS W4170 User Interface Design

COMS W4172 3D User Interfaces 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 Undergraduate Projects in Computer Science

COMS W4901 Projects in Computer Science

COMS W4995 Special Topics in Computer Science, I

COMS W4996 Special Topics in Computer Science, II

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. A coherent selection of six courses is required: three 3000- or 4000-level computer science courses and three 3000- or 4000-level courses from another discipline. This track should be selected by the end of the first semester of the junior year and the courses should be planned with the adviser.

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. Students must then select at least six upper-division elective courses, focusing on an information-intensive thematic area.

Core Requirement

COMS W1001	Introduction to Information Science
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1007	Honors Introduction to Computer Science
COMS W3134	Data Structures in Java
SIEO W4150 or SIEO W3600	Introduction to Probability and Statistics Introduction to Probability and Statistics

The elective courses should be chosen with a faculty adviser to focus on the modeling and use of information within the context of a disciplinary theme. Following are some suggested programs of instruction:

Information Science and Contemporary Society

Students can focus on the fundamental principles and technologies involved in the organization, searching, transmission, and manipulation of on-line information by studying database management systems, information retrieval systems, Web search engines, and natural language processing technology.

Alternatively, students may focus on how humans use technology and how technology has changed society. Given that these systems and technology often involve substantial interaction with humans, students are encouraged to take courses from human-focused areas such as human-computer interaction, psychology, and sociology.

The requirements include:

Three courses involving processing of text or data such as the following:

COMS W4111	Introduction to Databases
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COMS W4705	Natural Language Processing
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COMS W4771	Machine Learning
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Two courses from human-focused areas such as the following:

COMS W4170	User Interface Design
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PSYC W2215 Cognition and the Brain

Two application courses (e.g., from economics or biology)

Information Science and the Economy

Students can 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 by taking courses in economics, finance, artificial intelligence and mathematical modeling. For example, students may take courses in machine learning, statistics, and econometrics to understand how computers are enabling prediction modeling in many disciplines.

The requirements include:

Two courses in artificial intelligence and mathematical modeling such as the following:

COMS W4701	Artificial Intelligence
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COMS W4771	Machine Learning
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One course involving processing of text or data such as the following:

COMS W4111	Introduction to Databases
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Two courses each in economics and finance such as the following:

Economics:

ECON W1105	Principles of Economics
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ECON BC3017	Economics of Business Organization
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Finance:

IEOR E4007	Optimization Models and Methods for Financial Engineering
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IEOR E4308	Industrial Budgeting and Financial Control
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Information Science and Health Sciences

Students can focus on understanding information modeling together with existing and emerging needs in health sciences, as well as algorithms and systems to address those needs by taking courses in computational biology, computational genomics, and biomedical informatics. For example, students may take courses that integrate computer science and biology,

leading to understanding the role that computational processes play in decoding the human genome.

The requirements include:

Three courses in either artificial intelligence and mathematical modeling, processing of text or data, or human computer interaction such as the following:

Artificial Intelligence and Mathematical Modeling:

COMS Artificial Intelligence
W4701

Processing of Text or Data:

COMS Introduction to Databases
W4111

Human Computer Interaction:

COMS User Interface Design
W4170

Three courses drawn from the biomedical area such as the following:

ECBM Introduction to genomic information
E3060/E4060 science and technology

BIOL W4037 Bioinformatics of Gene Expression

BINF G4001 Introduction To Computer Applications
In Health Care and Biomedicine

One course drawn from a human centered area such as the following:

PSYC W2215 Cognition and the Brain

MAJOR IN COMPUTER SCIENCE-STATISTICS

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 Department and the Department of Computer Science have responded with a joint-major that emphasizes the interface between the disciplines.

Prerequisites (15 points)

MATH Calculus I
V1101

MATH Calculus II
V1102

MATH Calculus III
V1201

MATH Linear Algebra
V2010

Select one of the following:

STAT Introduction to Statistical Reasoning
W1001

STAT Introduction to Statistics (without
W1111 calculus)

STAT Introduction to Statistics (with calculus)
W1211

Statistics (12 points)

STAT W3105 Introduction to Probability
or STAT Introduction to Probability
W4105

STAT W3107 Introduction to Statistical Inference
or STAT Introduction to Statistical Inference
W4107

STAT W3315 Linear Regression Models
or STAT Linear Regression Models
W4315

STAT W4400 Statistical Machine Learning
or COMS Machine Learning
W4771

Computer Science (15 points)

Select one of the following:

COMS Introduction to Computer Science and
W1004 Programming in Java

COMS Introduction to Computer Science and
W1005 Programming in MATLAB

ENGI E1006 Introduction to Computing for Engineers
and Applied Scientists

COMS Honors Introduction to Computer Science
W1007

Select one of the following:

COMS Data Structures in Java
W3134

COMS Data Structures with C/C++
W3136

COMS Honors Data Structures and Algorithms
W3137

Three required courses:

COMS Discrete Mathematics: Introduction to
W3203 Combinatorics and Graph Theory

COMS Scientific Computation
W3210

CSOR W4231 Analysis of Algorithms I

Electives (12 points)

Select two of the following:

STAT Applied Data Mining
W3026

STAT Data Mining
W4240

STAT Statistical Computing in SAS
W4199

STAT Introduction to Data Science
W4242

STAT W4606 Elementary Stochastic Processes

STAT W4249 Applied Data Science

Select two of the following:

COMS W3261 Computer Science Theory

COMS W4236 Introduction to Computational Complexity

COMS W4252 Introduction to Computational Learning Theory

COMS W4111 Introduction to Databases

COMS W4130 Principles and Practice of Parallel Programming

Any COMS W47xx course

CONCENTRATION IN COMPUTER SCIENCE

Please read *Guidelines for all Computer Science Majors and Concentrators* above.

For students who declare in Spring 2014 and beyond:

The concentration in computer science requires a minimum of 22-24 points. Required computer science courses:

COMS W1004 Introduction to Computer Science and Programming in Java

or COMS W1007 Honors Introduction to Computer Science

COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory

COMS W3134 Data Structures in Java

or COMS W3137 Honors Data Structures and Algorithms

COMS W3157 Advanced Programming

COMS W3261 Computer Science Theory

CSEE W3827 Fundamentals of Computer Systems (or any 3 point 4000 -level computer science course)

Select one of the following:

COMS W3210 Scientific Computation

COMS W3251 Computational Linear Algebra

SIEO W3600 Introduction to Probability and Statistics

or SIEO W4150 Introduction to Probability and Statistics

For students who declared prior to Spring 2014:

The concentration requires a minimum of 23 points. Required computer science courses:

COMS W1004 Introduction to Computer Science and Programming in Java

COMS W1007 Honors Introduction to Computer Science

COMS W3137 Honors Data Structures and Algorithms

COMS W3157 Advanced Programming

COMS W3261 Computer Science Theory

CSEE W3827 Fundamentals of Computer Systems (or any 3-point 4000-level computer science course.)

COURSES COMPUTER SCIENCE

COMS W1001 Introduction to Information Science. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Basic introduction to concepts and skills in Information Sciences: human-computer interfaces, representing information digitally, organizing and searching information on the World Wide Web, principles of algorithmic problem solving, introduction to database concepts, and introduction to programming in Python.

Fall 2014: COMS W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1001	001/72549	M W 11:40am - 12:55pm 535 Seeley W. Mudd Building	Boyi Xie	3	80

Spring 2015: COMS W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1001	001/21600	M W 10:10am - 11:25am 503 Hamilton Hall	Boyi Xie	3	30/70

COMS W1004 Introduction to Computer Science and Programming in Java. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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: *W1004* and *W1005*.

Fall 2014: COMS W1004

Course Number	Section/ Call Number	Times/ Location	Instructor	Points	Enrollment
COMS 1004	001/87197	M W 4:10pm - 5:25pm 417 International Affairs Bldg	Adam Cannon	3	348/400

Spring 2015: COMS W1004

Course Number	Section/ Call Number	Times/ Location	Instructor	Points	Enrollment
COMS 1004	001/10916	M W 4:10pm - 5:25pm 417 International Affairs Bldg	Paul Blaer	3	288/400

COMS W1005 Introduction to Computer Science and Programming in MATLAB. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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* and *W1005*.

Fall 2014: COMS W1005

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1005	001/91748	M W 10:10am - 11:25am 633 Seeley W. Mudd Building	Ilia Vovsha	3	45/150

COMS W1007 Honors Introduction to Computer Science. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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.

Fall 2014: COMS W1007

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1007	001/76031	T Th 1:10pm - 2:25pm 633 Seeley W. Mudd Building	John Kender	3	61/90

COMS W1404 Emerging Scholars Program Seminar. 1 point.

Pass/fail only.

Corequisites: *COMS W1004/COMS W1007* or *ENGI E1006*.

Enrollment with instructor's permission only.

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 2014: COMS W1404

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1404	001/92697		Adam Cannon	1	30

Spring 2015: COMS W1404

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 1404	001/18456		Adam Cannon	1	33

COMS W3101 Programming Languages. 1 point.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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.

Fall 2014: COMS W3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3101	001/22948	W 10:10am - 12:00pm 963 Schermerhorn Hall	Daniel Bauer	1	30/40

COMS 3101	002/27203	W 10:10am - 12:00pm 963 Schermerhorn Hall	Daniel Bauer	1	28/40
COMS 3101	004/23297	M 12:10pm - 2:00pm 337 Seeley W. Mudd Building	Larry Stead	1	21/40
COMS 3101	005/77900	T 6:10pm - 8:00pm 516 Hamilton Hall	Ramana Isukapalli	1	18/40

Spring 2015: COMS W3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3101	001/17096	F 2:10pm - 4:00pm 825 Seeley W. Mudd Building	Larry Stead	1	40/40
COMS 3101	002/15850	W 2:10pm - 4:00pm 825 Seeley W. Mudd Building	Lev Brie	1	27/40
COMS 3101	004/63458	M 8:10pm - 10:00pm 415 Schapiro Cepser	David Yang	1	52/40

COMS W3134 Data Structures in Java. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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 2014: COMS W3134

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/82782	M W 5:40pm - 6:55pm 301 Pupin Laboratories	Paul Blaer	3	188/275

Spring 2015: COMS W3134

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3134	001/77080	T Th 10:10am - 11:25am 309 Havemeyer Hall	Daniel Bauer	3	224/230

COMS W3136 Data Structures with C/C++. 4 points.

Prerequisites: *COMS W1004*, *W1005*, *W1007* or *ENGI E1006*.

A second programming course intended for non-majors with at least one semester of introductory programming experience. Basic elements of programming in C and C++, array-based data structures, heaps, linked lists, C programming in UNIX environment, object-oriented programming in C++, trees, graphs, generic programming, and hash tables.

Fall 2014: COMS W3136

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3136	001/74256	T Th 5:40pm - 6:55pm 312 Mathematics Building	Jae Lee	4	72/116

COMS W3137 Honors Data Structures and Algorithms. 4 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *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 2015: COMS W3137

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3137	001/17176	T Th 10:10am - 11:25am 833 Seeley W. Mudd Building	Jonathan Weisz	4	49/120

COMS W3157 Advanced Programming. 4 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA)., Lab Required

Prerequisites: two semesters of programming experience.

Practical, hands-on introduction to programming techniques and tools for professional software construction, including learning how to write code to given specifications as well as document the results. Provides introductory overview of C and C++ in a UNIX environment, for students with Java background. Also introduces scripting languages (perl) and basic web programming. UNIX programming utilities are also covered.

Fall 2014: COMS W3157

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3157	001/61998	T Th 11:40am - 12:55pm 301 Pupin Laboratories	Jae Lee	4	193/250

Spring 2015: COMS W3157

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3157	001/25659	T Th 4:10pm - 5:25pm 301 Pupin Laboratories	Jae Lee	4	182/272

COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

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 2014: COMS W3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3203	001/70547	T Th 5:40pm - 6:55pm 501 Northwest Corner	Dawn Strickland	3	161/150

Spring 2015: COMS W3203

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3203	001/20156	M W 11:40am - 12:55pm 417 International Affairs Bldg	Ilia Vovsha	3	216/190

COMS W3210 Scientific Computation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

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.

Spring 2015: COMS W3210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3210	001/75667	T Th 1:10pm - 2:25pm 633 Seeley W. Mudd Building	Joseph Traub	3	51/60

COMS W3251 Computational Linear Algebra. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

Prerequisites: two terms of calculus.

Computational linear algebra, solution of linear systems, sparse linear systems, least squares, eigenvalue problems, and numerical solution of other multivariate problems as time permits.

Fall 2014: COMS W3251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3251	001/72480	T Th 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Anargyros Papageorgiou	3	115/120

COMS W3261 Computer Science Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

Prerequisites: *COMS W3203*.

Corequisites: *COMS W3134*, *W3136*, or *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 2014: COMS W3261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3261	001/61565	M W 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Alfred Aho	3	105/120

Spring 2015: COMS W3261

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3261	001/61583	T Th 11:40am - 12:55pm 428 Pupin Laboratories	Tal Malkin	3	126/130
COMS 3261	002/67746	T Th 10:10am - 11:25am 702 Hamilton Hall	Tal Malkin	3	75/86

COMS W3902 Undergraduate Thesis. 1-6 points.

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 2014: COMS W3902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3902	001/73451			1-6	0/0

Spring 2015: COMS W3902

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 001/18396 1-6 0/0
3902

COMS W3995 Special Topics in Computer Science. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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.

Spring 2015: COMS W3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3995	001/23331	M W 2:40pm - 3:55pm 633 Seeley W. Mudd Building	Steven Belovin	3	49/60

COMS W3998 Undergraduate Projects in Computer Science. 1-3 points.

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 2014: COMS W3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3998	001/62748			1-3	0/0

Spring 2015: COMS W3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 3998	001/22647			1-3	1/0

COMS W4111 Introduction to Databases. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *W3137*, 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 2014: COMS W4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4111	001/27519	T 1:10pm - 3:40pm 1024 Seeley W. Mudd Building	Alexandros Biliris	3	72/80
COMS 4111	002/12032	T Th 4:10pm - 5:25pm 717 Hamilton Hall	Kenneth Ross	3	86/86

Spring 2015: COMS W4111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4111	001/20641	T 1:10pm - 3:40pm 750 Schapiro Cepser	Alexandros Biliris	3	78/80

COMS W4112 Database System Implementation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *COMS W4111*; 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.

Spring 2015: COMS W4112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4112	001/74040	M W 1:10pm - 2:25pm 310 Fayerweather	Kenneth Ross	3	55/96

COMS W4113 Fundamentals of Large-Scale Distributed Systems. 3 points.

Prerequisites: *COMS W3134*, *W3136*, or *W3137*. *COMS W3157* or good working knowledge of C and C++. *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.

COMS W4115 Programming Languages and Translators. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *W3137* (or equivalent), *W3261*, and *CSEE W3827*, or the instructor's 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 2014: COMS W4115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4115	001/22163	M W 4:10pm - 5:25pm 535 Seeley W. Mudd Building	Stephen Edwards	3	89/120

Spring 2015: COMS W4115

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4115	001/69914	M W 2:40pm - 3:55pm 833 Seeley W. Mudd Building	Alfred Aho	3	106/120

COMS W4117 Compilers and Interpreters. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W4115* or the instructor's permission. Continuation of *COMS W4115*, with broader and deeper investigation into the design and implementation of contemporary language translators, be they compilers or interpreters. Topics include: parsing, semantic analysis, code generation and optimization, run-time environments, and compiler-compilers. A programming project is required.

COMS W4118 Operating Systems I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *CSEE W3827* and knowledge of C and programming tools as covered in *W3136*, *W3157*, or *W3101*, or the instructor's 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 2014: COMS W4118

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4118	001/76240	T Th 10:10am - 11:25am 136 Thompson Hall (Tc)	Jason Nieh	3	115/140

Spring 2015: COMS W4118

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4118	001/12024	T Th 1:10pm - 2:25pm 301 Pupin Laboratories	Jae Lee	3	152/250

COMS W4121 Computer Systems for Data Science. 3 points.

Prerequisites: Background in Computer System Organization and good working knowledge of C/C++

Corequisites: CSOR 4246 (Algorithms for Data Science), STATS W4105 (Probability), 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. Course open only to M.S. students in Data Sciences with approval from faculty advisor(s).

COMS W4130 Principles and Practice of Parallel Programming. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Experience in Java, basic understanding of analysis of algorithms. *COMS W3134*, *W3136*, or *W3137* (or equivalent).

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 W4156 Advanced Software Engineering. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Substantial software development experience in Java, C++ or C# beyond the level of *COMS W3157*.

Corequisites: Recommended: *COMS W4111*.

Software lifecycle from the viewpoint of designing and implementing N-tier applications (typically utilizing web

browser, web server, application server, database). Major emphasis on quality assurance (code inspection, unit and integration testing, security and stress testing). Centers on a student-designed team project that leverages component services (e.g., transactions, resource pooling, publish/subscribe) for an interactive multi-user application such as a simple game.

Fall 2014: COMS W4156

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4156	001/68576	T Th 10:10am - 11:25am 535 Seeley W. Mudd Building	Gail Kaiser	3	43/80

COMS W4160 Computer Graphics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *W3137*; *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.

Spring 2015: COMS W4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4160	001/62985	T Th 11:40am - 12:55pm 633 Seeley W. Mudd Building	Changxi Zheng	3	67/70

COMS W4162 Advanced Computer Graphics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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.

Fall 2014: COMS W4162

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4162	001/60624	M W 2:40pm - 3:55pm	Changxi Zheng	3	15/40

627 Seeley W. Mudd Building

COMS W4167 Computer Animation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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.

Fall 2014: COMS W4167

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4167	001/69154	T Th 2:40pm - 3:55pm 633 Seeley W. Mudd Building	Eitan Grinspun	3	25

COMS W4170 User Interface Design. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *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 2014: COMS W4170

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4170	001/27751	T Th 1:10pm - 2:25pm 702 Hamilton Hall	Steven Feiner	3	74/80

COMS W4172 3D User Interfaces and Augmented Reality. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W4160*, *COMS W4170*, or the instructor's 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.

COMS W4180 Network Security. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *W3137* and *W4119*, or the instructor's permission.

Introduction to network security concepts and mechanisms. Foundations of network security and an in-depth review of commonly-used security mechanisms and techniques, security threats and network-based attacks, applications of cryptography, authentication, access control, intrusion detection and response, security protocols (IPsec, SSL, Kerberos), denial of service, viruses and worms, software vulnerabilities, web security, wireless security, and privacy.

Spring 2015: COMS W4180

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4180	001/29536	Th 10:10am - 12:40pm 233 Seeley W. Mudd Building	Debra Cook	3	33/48

COMS W4187 Security Architecture and Engineering. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W4118*; *W4180* and/or *W4119* recommended.

Secure programming. Cryptographic engineering and key handling. Access controls. Tradeoffs in security design. Design for security.

Fall 2014: COMS W4187

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4187	001/11868	M W 2:40pm - 3:55pm 535 Seeley W. Mudd Building	Steven Bellovin	3	46/70

COMS W4203 Graph Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3203* and a 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 W4236 Introduction to Computational Complexity. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3261*.

Develops a quantitative theory of the computational difficulty of problems in terms of the resources (eg. 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 2014: COMS W4236

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4236	001/20600	T Th 7:10pm - 8:25pm 233 Seeley W. Mudd Building	Xi Chen	3	19/40

COMS W4241 Numerical Algorithms and Complexity. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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.

Fall 2014: COMS W4241

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4241	001/20916	T Th 1:10pm - 2:25pm 227 Seeley W. Mudd Building	Joseph Traub	3	25/50

COMS W4242 Numerical Algorithms and Their Complexity II. 3 points.

Prerequisites: *COMS W4241*.

A continuation of *COMS W4241*.

COMS W4252 Introduction to Computational Learning Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

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 2014: COMS W4252

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4252	001/72540	M W 1:10pm - 2:25pm 535 Seeley W. Mudd Building	Rocco Servedio	3	60/100

COMS W4261 Introduction to Cryptography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

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.

Fall 2014: COMS W4261

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4261	001/61801	T Th 11:40am - 12:55pm 633 Seeley W. Mudd Building	Tal Malkin	3	37/60

COMS W4281 Introduction to Quantum Computing. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

Prerequisites: Knowledge of linear algebra. Prior knowledge of quantum mechanics is not required, although it is 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.

Spring 2015: COMS W4281

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4281	001/16002	T Th 4:10pm - 5:25pm 535 Seeley W. Mudd Building	Anargyros Papageorgiou	3	47/80

COMS W4444 Programming and Problem Solving. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *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 2014: COMS W4444

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4444	001/24122	M W 1:10pm - 2:25pm 644 Seeley W. Mudd Building	Kenneth Ross	3	27/30

COMS W4460 Principles of Innovation and Entrepreneurship. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *COMS W3134*, *W3136*, or *W3137* (or equivalent), 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 2014: COMS W4460

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4460	001/73439	W 4:10pm - 6:40pm 227 Seeley W. Mudd Building	Yechiam Yemini, William Reinisch	3	27/35

COMS W4560 Introduction to Computer Applications in Health Care and Biomedicine. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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.

An overview of the field of biomedical informatics, combining perspectives from medicine, computer science and social science. Use of computers and information in health care 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 health care providers and patients, developing interventions using computer technology, and evaluating the impact of those interventions.

COMS W4701 Artificial Intelligence. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *W3137*.

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 2014: COMS W4701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4701	001/75739	T Th 7:30pm - 8:45pm 209 Havemeyer Hall	Dragomir Radev	3	102/120
COMS 4701	002/63196	Th 1:10pm - 3:40pm 535 Seeley W. Mudd Building	Ansaf Salleb-Aouissi	3	75/120

COMS W4705 Natural Language Processing. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *W3137*; or the instructor's 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 2014: COMS W4705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/19576	T Th 4:10pm - 5:25pm Room TBA	Michael Collins	3	101/110

Spring 2015: COMS W4705

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4705	001/88197	T Th 7:10pm - 8:25pm 501 Northwest Corner	Dragomir Radev	3	131/120
COMS 4705	002/26037	T Th 1:10pm - 2:25pm 717 Hamilton Hall	Michael Collins	3	77/78

COMS W4706 Spoken Language Processing. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *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 W4725 Knowledge Representation and Reasoning. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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 will be paid to design tradeoffs between language expressiveness and reasoning complexity, and issues relating to the use of KR systems in larger applications.

COMS W4731 Computer Vision. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: The 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, 2-D and 3-D object representation, object recognition, vision systems and applications.

Fall 2014: COMS W4731

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4731	001/62548	T Th 10:10am - 11:25am 750 Schapiro Ceper	Shree Nayar	3	47/60

COMS W4733 Computational Aspects of Robotics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *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.

Fall 2014: COMS W4733

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4733	001/25157	T Th 11:40am - 12:55pm 750 Schapiro Ceper	Peter Allen	3	52/69

COMS W4735 Visual Interfaces to Computers. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W3134*, *W3136*, or *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 2015: COMS W4735

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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COMS 4735	001/60186	T Th 2:40pm - 3:55pm 535 Seeley W. Mudd Building	John Kender	3	73/60
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COMS W4737 Biometrics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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 W4771 Machine Learning. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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 2014: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/24384	T Th 1:10pm - 2:25pm 301 Pupin Laboratories	Tony Jebara	3	151/140

Spring 2015: COMS W4771

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4771	001/14518	M W 1:10pm - 2:25pm 501 Northwest Corner	Daniel Hsu	3	110/150

COMS W4772 Advanced Machine Learning. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *COMS W4771* or the 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.

Fall 2014: COMS W4772

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4772	001/26927	W 4:10pm - 6:00pm 633 Seeley W. Mudd Building	Daniel Hsu	3	42/70

Spring 2015: COMS W4772

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4772	001/75008	M W 1:10pm - 2:25pm 309 Havemeyer Hall	Tony Jebara	3	88/90

COMS W4901 Projects in Computer Science. 1-3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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.

Fall 2014: COMS W4901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4901	001/87147			1-3	0/0

Spring 2015: COMS W4901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4901	001/25999			1-3	0/0

COMS W4910 Curricular Practical Training. 1 point.

Prerequisites: obtained internship and approval from faculty advisor.

Only for M.S. students in the Computer Science department who need relevant work experience as part of their program of study. Final report required. This course may not be taken for pass/fail credit or audited.

Fall 2014: COMS W4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4910	001/62211			1	0/0

COMS W4995 Special Topics in Computer Science, I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: the 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 2014: COMS W4995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4995	001/62192	M W 2:40pm - 3:55pm 233 Seeley W. Mudd Building	Roxana Geambasu	3	41/60
COMS 4995	002/27568	T Th 4:10pm - 5:25pm 415 Schapiro Cepser	Henning Schulzrinne	3	19/40

Spring 2015: COMS W4995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COMS 4995	001/29601	Th 6:10pm - 8:00pm 633 Seeley W. Mudd Building	Michael Reed	3	39/50
COMS 4995	002/87997	F 2:10pm - 4:00pm 327 Seeley W. Mudd Building	Bjarne Stroustrup	3	30/30

COMS W4996 Special Topics in Computer Science, II. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: the instructor's permission.

A continuation of *COMS W4995* when the special topic extends over two terms.

COMPUTER SCIENCE - ENGLISH

CSEN W1002 Computing in Context. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

This is a computer science course for liberal arts majors. By taking this class you will gain new super-powers: the ability

to think algorithmically, to bring algorithms to life as code (in Python), and to bring code to bear on relevant problems in History, Economics, or Literary Theory (you will pick a track). Taught in conjunction with faculty from Arts, Sciences, and Engineering, this unprecedented course is an opportunity to gain a measure of digital literacy to empower every student, scholar, and citizen. Students may take for credit either ENGI E1006 or CSEN W1002, but not both.

Spring 2015: CSEN W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEN 1002	001/69696	T Th 2:40pm - 3:55pm 501 Schermerhorn Hall	Karl Sigman, Matthew Jones, Adam Cannon, Dennis Tenen	4	124/150

COMPUTER SCIENCE - ELECTRICAL ENGINEERING

CSEE W3827 Fundamentals of Computer Systems. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Lect: 3.

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 2014: CSEE W3827

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 3827	001/70196	T Th 10:10am - 11:25am 501 Schermerhorn Hall	Martha Kim	3	140/189

Spring 2015: CSEE W3827

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 3827	001/27725	M W 1:10pm - 2:25pm 417 International Affairs Bldg	Daniel Rubenstein	3	154/175

CSEE W4119 Computer Networks. 3 points.

Lect: 3.

Corequisites: SIEO W3600 or IEOR E3658 or equivalent 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 2014: CSEE W4119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4119	001/23795	T Th 1:10pm - 2:25pm 417 International Affairs Bldg	Vishal Misra	3	120

Spring 2015: CSEE W4119

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4119	001/77416	M W 7:10pm - 8:25pm 417 International Affairs Bldg	Augustin Chaintreau	3	138/150

CSEE W4140 Networking Laboratory. 3 points.

Lect: 3.

Prerequisites: CSEE 4119 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).

Fall 2014: CSEE W4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4140	001/28073	Th 2:40pm - 3:55pm 327 Seeley W. Mudd Building	Guy Grebla	3	21/32

Spring 2015: CSEE W4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4140	001/77047	W 10:10am - 11:25am 337 Seeley W. Mudd Building	Varun Gupta	3	27/32

CSEE W4823 Advanced Logic Design. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Lect: 3.

Prerequisites: CSEE 3827, 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.

Spring 2015: CSEE W4823

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4823	001/26370	T Th 4:10pm - 5:25pm 702 Hamilton Hall	Steven Nowick	3	38/100

CSEE W4824 Computer Architecture. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).
Lect: 3.

Prerequisites: CSEE W3827 or the 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 2015: CSEE W4824

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4824	001/73932	M W 1:10pm - 2:25pm 329 Pupin Laboratories	Simha Sethumadhavan	3	39/120

CSEE W4825 Digital systems design. 3 points.

Lect: 3.

Prerequisites: CSEE W3827.
Dynamic logic, field programmable gate arrays, logic design languages, multipliers. Special techniques for multilevel NAND and NOR gate circuits. Clocking schemes for one- and two-phase systems. Fault checking: scan method, built-in-test. Survey of logic simulation methods. Other topics to be added as appropriate.

CSEE W4840 Embedded Systems. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA)., Lab Required
Lect: 3.

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 2015: CSEE W4840

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSEE 4840	001/72661	T Th 2:40pm - 3:55pm 602 Hamilton Hall	Stephen Edwards	3	49/80

COMPUTER SCIENCE - BIOMEDICAL ENGINEERING

CBMF W4761 Computational Genomics. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).
Lect: 3.

Prerequisites: Introductory probability and statistics and basic programming skills.
Provides comprehensive introduction to computational techniques for analyzing genomic data including DNA, RNA and protein structures; microarrays; transcription and regulation; regulatory, metabolic and protein interaction networks. The course covers sequence analysis algorithms, dynamic programming, hidden Markov models, phylogenetic analysis, Bayesian network techniques, neural networks, clustering algorithms, support vector machines, Boolean models of regulatory networks, flux based analysis of metabolic networks and scale-free network models. The course provides self-contained introduction to relevant biological mechanisms and methods.

Spring 2015: CBFM W4761

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CBMF 4761	001/18596	M W 4:10pm - 5:25pm 535 Seeley W. Mudd Building	Itshack Pe'er	3	25/55

CREATIVE WRITING

Program Office: 617 Kent; 212-854-3774
<http://www.columbia.edu/cu/writing>

Director of Undergraduate Studies: Prof. Heidi Julavits, 617 Kent; 212-854-3774; hj26@columbia.edu

Executive Committee on Undergraduate Creative Writing:
 Prof. Timothy Donnelly, 415 Dodge; 212-854-4391; td28@columbia.edu
 Prof. Sam Lipsyte (chair), 415 Dodge; 212-854-4391; sam.lipsyte@columbia.edu
 Prof. Alan Ziegler, 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. The creative writing major is by application only. For details, see the Creative Writing website: www.columbia.edu/cu/writing.

FACULTY PROFESSORS

- Margo L. Jefferson
- Benjamin Marcus
- Alan Ziegler

ASSOCIATE PROFESSORS

- Susan Bernofsky
- Heidi Julavits
- Timothy Donnelly

ASSISTANT PROFESSORS

- Dorothea Lasky

ADJUNCT PROFESSORS

- Ellis Avery
- Priscilla Becker
- Amy Benson
- Susan Daitch
- Ann DeWitt
- Elyssa East
- Joshua Furst
- Porochista Khakpour

- Marie Myung-Ok Lee
- Gregory Lichtenberg
- Jennifer Miller
- Robert Ostrom
- Mark Rozzo
- Justin Taylor
- Justin Torres

GRADUATE FACULTY FELLOWS

- William Brewer
- Madeline Felix
- Javier Fuentes
- Ajla Hodzic
- John C. Prioleau
- Ryan Smith
- Rachel Sur

REQUIREMENTS

MAJOR IN CREATIVE WRITING

A minimum of 36 points: five workshops, four seminars, and three related courses.

Workshop Curriculum

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.

Fifteen 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 W1001 Beginning Fiction Workshop

WRIT W1101 Beginning Nonfiction Workshop

WRIT W1201 Beginning Poetry Workshop

Intermediate Workshop

Permission required. Admission by writing sample. Enrollment limited to 15. Course may be repeated in fulfillment of the major.

WRIT W2001 Intermediate Fiction Workshop

WRIT W2101 Intermediate Nonfiction Workshop

WRIT W2201 Intermediate Poetry Workshop

Advanced Workshop

Prerequisite: intermediate workshop. Permission required. Admission by writing sample. Enrollment limited to 15. Course may be repeated in fulfillment of the major.

WRIT W3001 Advanced Fiction Workshop

WRIT W3101 Advanced Nonfiction Workshop

WRIT W3201 Advanced Poetry Workshop

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 W3697 Senior Fiction Workshop

WRIT W3798 Senior Nonfiction Workshop

WRIT W3898 Senior Poetry Workshop

Seminar Curriculum

The creative writing seminars provide the intellectual ballast that informs and deepens the work of student writers. Students read a book each week and engage in roundtable discussions about the artistic attributes of the texts, in order to better understand how literature is created. Only through a deep analysis of outstanding and diverse works of literature can writers build the resources necessary to produce their own accomplished creative work.

Twelve points within the division. Any 4 of these seminars fulfill the requirement:

Craft and Practice

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

WRIT W3301 Fiction Seminar: Techniques of the Short Story

WRIT W3302 Fiction Seminar: Approaches to the Short Story

WRIT W3333 Nonfiction Seminar: Traditions in Nonfiction

WRIT W3336 Translation Seminar

WRIT W3351 Poetry Seminar: Approaches to Poetry

WRIT W3303 Fiction Seminar: The Long and Short of It

History and Context

These seminars offer a broad view of literary history as it relates to the concerns of a writer. They cover specific genres or periods of time, and seek to inform students about the kinds of approaches that are possible in their chosen genre. Extensive readings are required, along with short critical papers or creative exercises.

WRIT W3303 Fiction Seminar: The Long and Short of It

WRIT W3306 Fiction Seminar: Voices from the Edge

WRIT W3308 Seminar: Short Prose Forms

WRIT W3336 Translation Seminar

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 consult with faculty advisers to determine the related courses that best inform their creative work.

COURSES

WRIT W1001 Beginning Fiction Workshop. 3 points.

Prerequisites: No prerequisites. Departmental 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 2014: WRIT W1001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1001	001/21796	W 4:10pm - 6:00pm 511 Kent Hall	Margret Thors	3	15/15
WRIT 1001	002/23347	Th 6:10pm - 8:00pm 628 Kent Hall	Joshua Furst	3	11/15
WRIT 1001	003/25947	T 4:10pm - 6:00pm 511 Kent Hall	Deana Silverberg	3	14/15
WRIT 1001	004/26399	W 4:10pm - 6:00pm 628 Kent Hall	Miles Strucker	3	15/15

Spring 2015: WRIT W1001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1001	001/90996	Th 2:10pm - 4:00pm 511 Kent Hall	Angelica Baker	3	15/15
WRIT 1001	002/83441	M 11:00am - 12:50pm 511 Kent Hall	Samuel Graham-Felsen	3	13/15
WRIT 1001	003/16298	Th 6:10pm - 8:00pm 511 Kent Hall	Elena Sigman	3	11/15
WRIT 1001	004/20946	Th 11:00am - 12:50pm 511 Kent Hall	Jeannie Tseng	3	14/15

WRIT W1101 Beginning Nonfiction Workshop. 3 points.

Prerequisites: No prerequisite required. Department approval NOT needed.

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 2014: WRIT W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1101	001/26846	W 6:10pm - 8:00pm 511 Kent Hall	Kea Krause	3	14/15
WRIT 1101	002/27697	M 6:10pm - 8:00pm 511 Kent Hall	Joanne Yao	3	11/15

Spring 2015: WRIT W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1101	001/65943	M 2:10pm - 4:00pm 511 Kent Hall	Zachary Hindin	3	12/15
WRIT 1101	002/88943	W 6:10pm - 8:00pm 402 Hamilton Hall	Elisabeth Sherman	3	13/15

WRIT W1201 Beginning Poetry Workshop. 3 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 other's original work.

Fall 2014: WRIT W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1201	001/28546	Th 4:10pm - 6:00pm 511 Kent Hall	Nicholas Narbutas	3	12/15

Spring 2015: WRIT W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 1201	001/85779	W 6:10pm - 8:00pm 511 Kent Hall	Eduardo Martinez	3	13/15

WRIT W2001 Intermediate Fiction Workshop. 3 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>

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 2014: WRIT W2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2001	001/28531	T 6:10pm - 8:00pm 511 Kent Hall	Ellis Avery	3	11/15
WRIT 2001	002/74780	Th 11:00am - 12:50pm 511 Kent Hall	Alena Graedon	3	14/15

Spring 2015: WRIT W2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2001	001/60796	T 11:00am - 12:50pm 511 Kent Hall	Marie Lee	3	14/15
WRIT 2001	002/61896	T 2:10pm - 4:00pm 309 Hamilton Hall	Catherine Lacey	3	14/15

WRIT W2101 Intermediate Nonfiction Workshop. 3 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>. 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 2014: WRIT W2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2101	001/83279	T 2:10pm - 4:00pm 628 Kent Hall	Elizabeth Greenwood	3	14/15

Spring 2015: WRIT W2101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2101	001/72846	Th 6:10pm - 8:00pm 309 Hamilton Hall	Kent Russell	3	15/15

WRIT W2201 Intermediate Poetry Workshop. 3 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>

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 2014: WRIT W2201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2201	001/89030	W 6:10pm - 8:00pm 628 Kent Hall	Dorothea Lasky	3	15/15

Spring 2015: WRIT W2201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 2201	001/77346	T 11:00am - 12:50pm 205a Union Theological Seminary	Robert Ostrom	3	6/15

WRIT W3001 Advanced Fiction Workshop. 3 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>. 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 2014: WRIT W3001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3001	001/26280	Th 4:10pm - 6:00pm 628 Kent Hall	Stacey D'Erasmio	3	8/15
WRIT 3001	002/81756	T 4:10pm - 6:00pm 628 Kent Hall	Heidi Julavits	3	15/15

Spring 2015: WRIT W3001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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WRIT 3001	001/76547	W 11:00am - 12:50pm 511 Kent Hall	Ellis Avery	3	11/15
WRIT 3001	002/78596	W 4:10pm - 6:00pm 205 Union Theological Seminary	Adam Wilson	3	14/15

WRIT W3044 Imaginative Writing. 3 points.

Prerequisites: Suggested preparation: Structure and Style I and II.

Students should, if possible, submit a writing sample (5-10 pages of poetry or fiction) to the instructor before the first class meeting

WRIT W3101 Advanced Nonfiction Workshop. 3 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>. 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 2014: WRIT W3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3101	001/25944	T 2:10pm - 4:00pm 511 Kent Hall	Katie Zambreno	3	13/15

WRIT W3201 Advanced Poetry Workshop. 3 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>. 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 2014: WRIT W3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3201	001/64030	W 2:10pm - 4:00pm 511 Kent Hall	Emily Fragos	3	11/15

WRIT W3301 Fiction Seminar: Techniques of the Short Story. 0 points.

Not Offered During 2014-15 Academic Year.

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 'common-sense' 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.

WRIT W3302 Fiction Seminar: Approaches to the Short Story. 3 points.

Prerequisites: No prerequisites required. 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 "common-sense" 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.

Spring 2015: WRIT W3302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment

WRIT 3302	001/74692 M 11:00am - 12:50pm	Alena 3	17/15
	307 Union Theological Seminary	Graedon	

WRIT W3303 Fiction Seminar: The Long and Short of It. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: No prerequisites. Department approval NOT required.

The critic Randall Jarrell famously defined the novel as "a prose work of a certain length that has something wrong with it." In this class we will pay close attention to how writers determine the appropriate "certain length" for their narratives by focusing on another notoriously difficult-to-define form, the novella. Simply but unhelpfully, we might say that a novella is longer than a short story and shorter than a novel. But how does length affect the way a writer handles (or dispenses with) such essentials as plotting, characterization, and sense of place? What strategies are used to compress or expand time in novellas or long stories that take place in a single day, over the course of several days, or across many decades? What kind of statement can be made, and what kind of linguistic experience can be had in this intermediate length? We will start the semester by reading "flash fiction" together--stories of no more than a few hundred words--by writers such as Lydia Davis, Raymond Carver, and David Foster Wallace. Then we will read a novella a week, peering behind the curtain to see how they are put together. Authors may include Fyodor Dostoevsky, Arthur Conan Doyle, Herman Melville, James Joyce, Gabriel Garcia Marquez, Yasunari Kawabata, Albert Camus, Saul Bellow, Philip Roth, Paula Fox, Alice Munro, Roberto Bolao, Martin Amis, and George Saunders. Students will write two creative-writing assignments and give one in-class presentation.

WRIT W3304 Fiction Seminar: Exercises in Style. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

Raymond Queneau, in his book *Exercises in Style*, demonstrated that a single story, however unassuming, could be told at least ninety-nine different ways. Even though the content never changed, the mood always did: aggressive, mild, indifferent, lyrical, sensitive, technical, indirect, deceitful. If, as fiction writers, one of our pursuits is to stylize various forms of information, and to call the result a story or novel, it is also tempting, and easy, to adopt trends of style without realizing it, and to possibly presume we operate outside of stylistic restrictions and conventions. Some styles become so commonplace that they no longer seem stylistic. V.S. Naipaul remarked in an interview that he was opposed to style, yet we can't exactly summarize his work based on its content. His manner of telling is sophisticated, subtle, shrewdly indirect, and elegant. He is, in short, a stylist. His brilliance might be to presume that this is the only way to tell a story, and to consider all other ways styles. This course for writers will look at a wide range of prose styles, from conspicuous to subtle

ones. We will not only read examples of obviously stylistic prose, but consider as well how the reigning prose norms are themselves stylistic bulwarks, entrenched in the culture for various reasons that might interest us. One project we will undertake, in order to deepen our understanding and approach to style, will be to restylize certain of the passages we read. These short fiction exercises will supplement our weekly readings and will allow us to practice rhetorical tactics, to assess our own deep stylistic instincts, and to possibly dilate the range of locutions available to us as we work.

Fall 2014: WRIT W3304

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3304	001/66796	Th 2:10pm - 4:00pm 628 Kent Hall	Heidi Julavits	3	19/20

WRIT W3305 Fiction Seminar: The First Person. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

Today, in the age of memoir, we don't need to apologize for speaking in the first person, but we still need to find a way to make a first person, fictional narrative forceful and focused. The logic is different, the danger the same: we must find a form that will shape an "I" account and render it rhetorically compelling, giving it the substance and complexity of literary art. In this seminar, we will begin by reading critical background about the early uses of first-person in fiction. We will study how these functioned in the societies they commented on, and chart the changing use of first person in western literature from the eighteenth century to today. Through reading contemporary novels, stories and novellas, we will analyze first person in its various guises: the "I" as witness (reliable or not), as elegist, outsider, interpreter, diarist, apologist, and portraitist. Towards the end of the semester we will study more unusual forms: first-person plural, first-person omniscient, first-person rotating. We will supplement our reading with craft-oriented observations by master-writers. Students will complete four to five fiction pieces of their own in which they will implement specific approaches to first-person. At least two of these will be complete stories; others may be the beginning of a novel or novella or floating scenes. Students will conference several times with the instructor to discuss their work.

Fall 2014: WRIT W3305

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3305	001/76346	T 6:10pm - 8:00pm 628 Kent Hall	Ann DeWitt	3	21/20

WRIT W3306 Fiction Seminar: Voices from the Edge. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

What does it mean to be marginalized? Does it simply mean that white folks or men or heterosexuals or Americans don't listen to you very much? This is a reductive way of thinking that limits both minorities and majorities. In this seminar we'll read work that challenges our received notions about "the edge" and who's in it. We'll read with an eye toward issues of race, class, gender, and sexuality but we'll also think about marginalization in terms of genre, geography, and even personal politics. Our goal won't be to categorize and quantify hardships, but to appreciate some great--though overlooked--writing. And, finally, to try and understand how these talented artists wrote well. During the semester students will write short fiction inspired by the work they read and the craft issues discussed in class.

Spring 2015: WRIT W3306

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3306	001/62946	M 6:10pm - 8:00pm 511 Kent Hall	Mitchell Jackson	3	14/15

WRIT W3307 Fiction Seminar: Eccentrics & Outsiders. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

Some of the greatest works of fiction are narrated by characters who have become unhinged from the norms of society. They may stand apart from the mainstream because of willful eccentricity, madness, even social disgrace, but in each case their alienation provides them with a unique perspective, one that allows the reader to see the world they describe without the dulling lens of convention. We will explore what authors might gain by narrating their works from an "outsider" viewpoint, and we will study how the peculiar form and structure of these books reflects the modernist impulse in literature. This is a seminar designed for fiction writers, so we will spend time talking about not only the artistic merits of these books, but also about how the authors, who include Dostoevsky, Knut Hamsun, Jean Rhys, Denis Johnson, Joy Williams, Samuel Beckett and Amos Tutuola, achieve their specific effects. Over the course of the semester, we will use these texts as a springboard for writing original fiction.

Spring 2015: WRIT W3307

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3307	001/18147	T 4:10pm - 6:00pm 511 Kent Hall	Samuel Lipsyte	3	14/15

WRIT W3308 Seminar: Short Prose Forms. 3 points.

Prerequisites: Please go to 617 Kent or <http://www.columbia.edu/cu/writing> for registration guidelines. The prose poem and its siblings the short short story and the brief personal essay are the wild cards in the writer's deck; their identities change according to the dealer. We will consider a wide range of forms, approaches, and styles,

spanning centuries. In addition to works in English, we will read translations from the French, Spanish, Russian, Italian, Japanese, and Chinese. Seminar discussions will be complemented by frequent writing exercises (inside and outside of class) and some abbreviated workshoping of student pieces. Each student will make one brief classroom presentation. Authors include: Matsuo Basho, Charles Baudelaire, Thomas Bernhard, Aloysius Bertrand, Jorge Luis Borges, Anne Carson, Gianni Celati, Luis Cernuda, Bernard Cooper, Lydia Davis, Russell Edson, David Ignatow, Max Jacob, Juan Ramon Jimenez, Joseph Joubert, Franz Kafka, Yasunari Kawabata, Etgar Keret, Stephane Mallarme, Czeslaw Milosz, Harryette Mullen, Edgar Allan Poe, Francis Ponge, Arthur Rimbaud, Nathalie Sarraute, Sei Shonagon, Charles Simic, Mark Strand, Luisa Valenzuela, Diane Williams, James Wright, Mikhail Zoshchenko.

Fall 2014: WRIT W3308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3308	001/86896	Th 6:10pm - 8:00pm 511 Kent Hall	Alan Ziegler	3	14/12

Spring 2015: WRIT W3308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3308	001/61532	T 6:10pm - 8:00pm 511 Kent Hall	Ann DeWitt	3	14/15

WRIT W3331 Nonfiction Seminar: The Modern Arts Writer. 3 points.

Prerequisites: No prerequisites required. Department approval NOT required.

This course will examine the lineaments of critical writing. A critic blends the subjective and objective in complex ways. A critic must know the history of an artwork, (its past), while placing it on the contemporary landscape and contemplating its future. A single essay will analyze, argue, describe, reflect and interpret. And, since examining a work of art also means examining oneself, the task includes a willingness to probe one's own assumptions and biases. The best critics are engaged in a conversation -- a dialogue, a debate -- with changing standards of taste, with their audience, with their own convictions and emotions. The best criticism is part of a larger cultural conversation. It spurs readers to ask questions rather than accept answers about art and society. We will read essays that consider six art forms: literature; film; music (classical, jazz and popular); theatre and performance; visual art; and dance. At the term's end, students will consider essays that examine cultural boundaries and divisions: the negotiations between popular and high art; the aesthetic of cruelty; the post-modern blurring of and between artist, critic and fan. The reading list will include such writers as Virginia Woolf, George Orwell, Elizabeth Hardwick, Roland Barthes, (literature); James Agee, Manny Farber, Pauline Kael, Zadie Smith (film); G.B. Shaw, Willa Cather, Ralph Ellison, Gerald Early, Lester Bangs, Ellen Willis (music); Eric Bentley, Mary

McCarthy, C.L.R. James (theatre); Leo Steinberg, Frank O'Hara, Ada Louise Huxtable, Maggie Nelson (visual art); Edwin Denby, Arlene Croce, Elizabeth Kendall, Mindy Aloff (dance); Susan Sontag, Anthony Heilbut, John Jeremiah Sullivan (cultural criticism).

Fall 2014: WRIT W3331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3331	001/82696	T 11:00am - 12:50pm 628 Kent Hall	Margo Jefferson	3	20/20

Spring 2015: WRIT W3331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3331	001/24693	Th 11:00am - 12:50pm 535 Grace Dodge Hall (Tc)	Margo Jefferson	3	15/15

WRIT W3333 Nonfiction Seminar: Traditions in Nonfiction. 3 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 author's voice, the author's 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 2014: WRIT W3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3333	001/81847	M 6:10pm - 8:00pm 628 Kent Hall	Mark Rozzo	3	15/20

WRIT W3335 Nonfiction Seminar: The Lyric Essay. 3 points.

Prerequisites: No prerequisites. Department approval NOT needed.

While nonfiction is perhaps known for its allegiance to facts and logic in the stalwart essay form, the genre conducts its own experiments, often grouped under the term "lyric essays." Lyric essays are sometimes fragmentary, suggestive, meditative,

inconclusive; they may glance only sidelong at their subject, employ the compression of poetry, and perform magic tricks in which stories slip down blind alleys, discursive arguments dissolve into ellipses, and narrators disappear altogether. Lyric essayists blend a passion for the actual with innovative forms, listening deeply to the demands of each new subject. In this course, students will map the terrain of the lyric essay, work in which writers revise nonfiction traditions such as: coherent narrative or rhetorical arcs; an identifiable, transparent, or stable narrator; and the familiar categories of memoir, personal essay, travel writing, and argument. Students will read work that challenges these familiar contours, including selections from *Halls of Fame* by John D'Agata, *Don't Let Me Be Lonely* by Claudia Rankine, *Plainwater* by Anne Carson, *Letters to Wendy* by Joe Wenderoth, *The Body and One Love Affair* by Jenny Boully, *Roland Barthes* by Roland Barthes, *Running in the Family* by Michael Ondaatje, *Neck Deep and Other Predicaments* by Ander Monson. They can expect to read essays selected from *The Next American Essay* edited by John D'Agata and *In Short: A Collection of Brief Creative Nonfiction* edited by Judith Kitchen and Mary Paumier Jones, as well as essays by Paul Metcalf, David Foster Wallace, Sherman Alexie, Michael Martone, and Sei Shonagon. The course will be conducted seminar style, with close reading, lecture, and classroom discussion. The students will be expected to prepare a written study and comments for class on a particular book/author/issue. They will also complete writing exercises and their own lyric essay(s), one of which we will discuss as a class. Their final project will be a collection of their creative work accompanied by an essay discussing their choices.

Spring 2015: WRIT W3335

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3335	001/76779	Th 4:10pm - 6:00pm 511 Kent Hall	Michelle Orange	3	12/15

WRIT W3336 Translation Seminar. 3 points.

Prerequisites: No prerequisites. \nStudents do not need to demonstrate bilingual ability to take this course. \nDepartment 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 art's 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 translator's 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 translator's note of introduction.

Spring 2015: WRIT W3336

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3336	001/62647	W 2:10pm - 4:00pm 511 Kent Hall	Elianna Kan	3	11/15

WRIT W3340 Fiction Seminar: Make It Strange. 3 points.

Prerequisites: No prerequisites. Department approval NOT required.

Making the familiar strange, making the strange familiar: these are among the most dexterous, variously re-imagined, catholically deployed, and evergreen of literary techniques. From Roman Jakobson and the Russian Formalists, to postmodern appropriations of pop culture references, techniques of defamiliarization and the construction of the uncanny have helped literature succeed in altering the vision of habit, habit being that which Proust so aptly describes as a second nature which prevents us from knowing the first. In this course, we will examine precisely how writers have negotiated and presented the alien and the domestic, the extraordinary and the ordinary. Looking at texts that both intentionally and unintentionally unsettle the reader, the class will pay special attention to the pragmatics of writerly choices made at the levels of vocabulary, sentence structure, narrative structure, perspective, subject matter, and presentations of time. Students will have four creative and interrelated writing assignments, each one modeling techniques discussed in the preceding weeks.

Spring 2015: WRIT W3340

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3340	001/26297	M 4:10pm - 6:00pm 511 Kent Hall	Robert Lopez	3	15/15

WRIT W3351 Poetry Seminar: Approaches to Poetry. 3 points.

Prerequisites: No prerequisites. Department approval NOT needed.

One advantage of writing poetry within a rich and crowded literary tradition is that there are many poetic tools available out there, stranded where their last practitioners dropped them, some of them perhaps clichéd and overused, yet others all but forgotten or ignored. In this class, students will isolate, describe, analyze, and put to use these many tools, while attempting to refurbish and contemporize them for the new century. Students can expect to imitate and/or subvert various poetic styles, voices, and forms, to invent their own poetic forms and rules, to think in terms of not only specific poetic forms and metrics, but of overall poetic architecture (lineation and diction, repetition and surprise, irony and sincerity, rhyme and soundscape), and finally, to leave those traditions behind

and learn to strike out in their own direction, to write -- as poet Frank O'Hara said -- on their own nerve.

Spring 2015: WRIT W3351

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3351	001/63441	W 4:10pm - 6:00pm 511 Kent Hall	John Cotner	3	14/15

WRIT W3353 Poetry Seminar: Traditions in Poetry. 3 points.

Prerequisites: No prerequisites. Department approval NOT needed.

Despite forever attempting to "make it new", contemporary poetry is still in the process of describing issues of content, intent, style, and prosody already present at the dawning of the thing called poetry. In this course, students will investigate the origins of such traditions, and use the knowledge drawn from those investigations as a basis from which to study a sampling of American poetry of the 20th and 21st century. Students will encounter the "Low" and "High" American Modernisms; the return of the Elizabethan courtly in poets like ee cummings, Hart Crane, Edna St. Vincent Millay, and John Berryman; the stripped-down vulnerability of the Confessional School; the classical urbanitas of James Merrill or Frank O'Hara; the experimental eloquence of post-modern and Language poetry; and finally the New Sincerity, a plain-speaking contemporary movement which positions itself against superfluity, irony, and theory. As background, students can also expect to read selections of Plato's *Gorgias* and *Phaedrus*; Aristotle's *Rhetoric*; Cicero's *The Orator*; Seneca's *Ad Lucilium Epistulae Morales*; Quintilian's *Institutio Oratoria*; Horace's *Epistles* and *Ars Poetica*; Petrarch's *Il Canzoniere*; Thomas Wyatt's *Complete Poems*; George Gascoigne's *Hundreth Sundrie Flowers*; Philip Sidney's *Astrophil and Stella*; Samuel Daniel's *Delia*; Shakespeare's *Sonnets*, John Donne's *Songs and Sonnets*; Ben Jonson's *Discoveries* and *The Forest*; and George Herbert's *The Temple*. Though this course will operate around the usual seminar model (close reading, lecture, and classroom discussion), students will also be asked to keep a commonplace book in which they will engage critically with the readings and/or write their own poems/ imitations/exercises in response.

Spring 2015: WRIT W3353

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3353	001/81999	T 4:10pm - 6:00pm 309 Hamilton Hall	Joseph Fasano	3	14/15

WRIT W3370 Structure and Style. 3 points.

Prerequisites: Please see 612 Lewisohn for registration guidelines or go to <http://www.columbia.edu/cu/writing>. This seminar explores prose, drama, and verse as related disciplines. While each genre has its particular opportunities

and demands, all can utilize such devices as narrative, dialogue, imagery, and description (scenes, objects, and thought processes). Through a wide variety of readings and writing exercises, we will examine and explore approaches to language, ways of telling a story (linear and nonlinear), and how pieces are constructed. Some student work will be briefly workshopped.

WRIT W3373 Filmwriting. 3 points. Not Offered During 2014-15 Academic Year.

Filmwriting is taught as a workshop and is designed for students who have an interest in film and/or the ways in which other literary forms might be adapted for the filmic medium. Through observing the ways successful films are put together, identifying universal 'mythic' patterns in all stories, participating in in-class exercises, weekly assignments and individual projects students will learn the basics inherent to story telling in general and screen storytelling in particular. Students will be expected to produce approximately seventy pages of screen writing. This work may be composed of independent scenes or of sequential scenes building to a short film.

WRIT W3375 Playwriting. 3 points. Not Offered During 2014-15 Academic Year.

Playwriting is taught as a workshop and is designed for students who have an interest in dialogue, the construction of the dramatic scene, and playwriting as a literary and performance art form. Attention is given to the ways in which playwriting techniques might be applied to work in other genres. Students will be assigned exercises in conflict, rhythm, dialogue, character, and the development of material. Students will be expected to produce approximately seventy pages of dramatic writing. This work can be composed of several independent scenes or of sequential scenes that build to a one-act play.

WRIT W3377 Traditions in Creative Writing. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Partial Fulfillment of General Education Requirement: Laboratory Science (SCI).

Prerequisites: Please see 612 Lewisohn for registration guidelines or go to <http://www.columbia.edu/cu/writing>. Creative writers are faced with dizzying options. We know we want to write, but what should we write, and how? To what degree should we study the accomplished writing of the past in order to produce writing for today and the future? What are some enticing strategies for making art out of language, and what are some striking examples from history that can guide us? This craft seminar—a course in the techniques of creative writing—will explore the fundamentals of fiction, poetry, literary nonfiction, and dramatic writing, as well as hybrid forms that are harder to name. Students will learn to read as writers; they will study literary forms and styles, they

will become familiar with accomplished work from a range of genres, and they will compose creative work of their own.

WRIT W3380 Translation Seminar: The European Fairy Tale. 3 points.

Prerequisites: No prerequisites. Department approval NOT needed.

Corequisites: This course is open to undergraduate & graduate students. \nKnowledge of another language is not required. Chances are you know something about the Brothers Grimm, but not so much, perhaps, about the complex storytelling traditions to which the stories collected belonged. This seminar will explore the European fairy tale in all its glorious history, including works written or collected by Charles Perrault, Jean de La Fontaine, Marie de Beaumont, Marie-Catherine d'Aulnoy (who first coined the term "conte de fée" or "fairy tale"), Jacob and Wilhelm Grimm, Alexander Afanasyev, Hans Christian Andersen, Oscar Wilde and George MacDonald. Throughout the semester, we'll be talking about issues of translation in these tales and comparing them to the fairy-tale-inspired writing of our own age, including work by Angela Carter, Robert Coover, Donald Barthelme, Kelly Link, Lyudmila Petrushevskaya, Yoko Tawada, George Saunders and others. Analytical, translational and fantastical assignments. No foreign language skills required. Three papers.

Fall 2014: WRIT W3380

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3380	001/83748 W	2:10pm - 4:00pm 628 Kent Hall	Susan Bernofsky	3	15/10

WRIT W3382 Fiction Seminar: Story Collection As Art Form. 0 points.

Prerequisites: No prerequisites required. Department approval NOT required.

How do story collections happen? Are they just anthologies of the best (or the only) stories a writer has produced in a given time period? How do you decide what goes in it, and how do you organize it, and how many do you need? In this class we're going to read a bunch of short story collections, in a variety of genres and modes. Rigorous literary, aesthetic, and critical analysis of individual stories will here be linked to macro-level questions such as: What makes a "linked collection" different from a novel? What are some of the ways that a "linked" collection forges its links-- character, theme, place, narrative strategy, mood, etc.? How does a writer handle her recurring themes without falling into repetition? How does the story collection compare with (or relate to) self-anthologizing forms in other disciplines: the poetry collection, the record album, the solo exhibition? Books include: *The Piazza Tales* by Herman Melville; *Red Cavalry* by Isaac Babel (Peter Constantine trans.); *Super Flat Times* by Matthew Derby; *Normal People Don't Live Like This* by Dylan Landis; *The Train to Lo Wu* by Jess Row; *Don't*

Let Me Be Lonely by Claudia Rankine; *Birds of America* by Lorrie Moore; *The Emigrants* by W. G. Sebald; *Criers and Kibbitzers*, *Kibbitzers and Criers* by Stanley Elkin; *The Actual Adventures of Michael Missing* by Michael Higgins; and *A Personal Anthology* by Jorge Luis Borges.

Fall 2014: WRIT W3382

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3382	001/62297 M	4:10pm - 6:00pm 628 Kent Hall	Justin Taylor	0	19/20

WRIT W3384 Nonfiction Seminar: Literature Without Writing. 3 points.

Prerequisites: No prerequisites required. Department approval NOT required.

The investigative dialogue is among the oldest forms of literature, and it remains one of the most egalitarian and relevant to life. It's simple - comment and response, question and answer - and can be produced by artists, scientists, lunatics, athletes, criminals, and any other human being, from Plato to Oprah Winfrey. The interview is a kind of performative literature, documenting a time, place, mood, and an extemporaneous exchange. Transcription transforms the off-the-cuff spoken word into permanent, written text, from ear to page, an art form of capturing rather than imagining. Conversational language is also essential to the art of fiction, showing through telling, or explaining instead of organizing our life into this-then-that narratives. Modernism was the age of the interior monologue but the internal debate might be a form more reflective of the 21st century mind. This course will include readings of psychoanalytic sessions, legal court transcripts, celebrity chats, Zen koan talks, philosophical dialogues, podcasts, television talk shows, and fictional interviews. Students will conduct real interviews and write fictional ones. They will transcribe, listen, and hear literature in the artless, everyday discussion.

Spring 2015: WRIT W3384

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3384	001/13531 T	2:10pm - 4:00pm 511 Kent Hall	Ross Simonini	3	13/15

WRIT W3685 Poetry Seminar: Reduce, Reuse, Recycle. 3 points.

Prerequisites: No prerequisites. Department approval NOT needed.

This course is designed to address the particular frustrations surrounding revision. We will excavate our abandoned work--subjecting it to maneuvers ranging from the light in touch to the radical; visiting techniques appropriate for the isolation chamber, as well as the collaborative. And we will examine how poets throughout the ages have approached revision --including Lowell's changing of words into their opposites; Auden's revisions of his published work from the standpoint

of maturity; Plath's 'next poem as revision' technique. The idea of the class borrows from the world's current trash predicament: how to cut our waste; re-use creatively what we have already produced; make something new and useful of our junk.

Fall 2014: WRIT W3685

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3685	001/85898	M 2:10pm - 4:00pm 628 Kent Hall	Priscilla Becker	3	12/20

WRIT W3697 Senior Fiction Workshop. 4 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>. 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 2014: WRIT W3697

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3697	001/62796	Th 2:10pm - 4:00pm 511 Kent Hall	Benjamin Marcus	4	11/12

Spring 2015: WRIT W3697

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3697	001/88496	Th 2:10pm - 4:00pm 34 Union Theological Seminary	Heidi Julavits	4	13/12

WRIT W3798 Senior Nonfiction Workshop. 4 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>. 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 2015: WRIT W3798

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment

WRIT 3798	001/92846	M 6:10pm - 8:00pm 309 Hamilton Hall	Parul Sehgal	4	13/12
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WRIT W3830 Fiction Seminar: Voices & Visions of Childhood. 3 points.

Prerequisites: No prerequisites requires. Department approval NOT required.

Flannery O'Connor famously said, "Anybody who has survived his childhood has enough information about life to last him the rest of his days." A child's or youth's journey-- whether through ordinary, universal rites of passage, or through extraordinary adventure or trauma-- compels an adult reader (and writer) to (re)inhabit the world as both naïf and nature's savant. Through the knowing/unknowing eye of the child or adolescent, the writer can explore adult topics prismatically and poignantly -- "from the bottom up" -- via humor, terror, innocence, wonder, or all of the above. In this course, we will read both long and short form examples of childhood and youth stories, examining in particular the relationships between narrator and character, character and world (setting), character and language and narrator and reader (i.e. "reliability" of narrator). Short scene-based writing assignments will challenge student writers to both mine their own memories for material and imagine voices/experiences far from their own. A final assignment will be a longer, complete story, built from one of the scenes.

WRIT W3898 Senior Poetry Workshop. 4 points.

Prerequisites: Department approval required through writing sample. Please go to 617 Kent for submission schedule and guidelines or see <http://www.columbia.edu/cu/writing>. 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 2015: WRIT W3898

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WRIT 3898	001/98296	Th 4:10pm - 6:00pm 408 Hamilton Hall	Marni Ludwig	4	10/12

DANCE

310 Barnard Hall
212-854-2995
212-854-6943 (fax)
dance@barnard.edu

Administrative Assistant: Sandra Velasquez Dos Santos

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.

The Department of Dance is fully accredited and in good standing with the National Association of Schools of Dance.

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.

FACULTY

Distinguished Guest Artist (2014-15): Twyla Tharp

Professor: Lynn Garafola (co-chair)

Associate Professor: Paul Scolieri

Associate Professor of Professional Practice: Colleen Thomas

Assistant Chair: Katie Glasner (co-chair)

Visiting Associate Professor of Professional Practice: Marjorie Folkman

Faculty:

Mindy Aloff, Cynthia Anderson, Rebecca Bliss, Alex Brady, Siobhan Burke, Maguette Camara, Antonio Carmena, Mary Carpenter, Tessa Chandler, Elizabeth Coker, Uttara Coolawala, Chisa Hidaka, Allegra Kent, Katiti King, Robert LaFosse, Melinda Marquez, Jodi Melnick, Andrea Miller, Margaret Morrison, Rika Okamoto, David Parker, Kathryn Sullivan, Caitlin Trainor, Ashley Tuttle, Adam H. Weinert, Seth Williams, Karla Wolfangle

Artists in Residence: John Heginbotham, Patricia Hoffbauer, Sam Kim, Pam Tanowitz

Technical Director and Lighting Designer: Tricia Toliver

Music Director: Robert Boston

Administrative Assistant: Sandra Velasquez Dos Santos

REQUIREMENTS

MAJOR IN DANCE (FOR STUDENTS ENTERING IN FALL 2011 OR LATER)

Majors must complete eleven academic courses (six required, five elective) and a minimum of eight 1-point technique courses. 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 are required and should be completed before the senior year:

DNCE BC2565	World Dance History	3
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DNCE BC3001	Western Theatrical Dance from the Renaissance to the 1960s	3
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Movement Science

Select one or more of the following:

DNCE BC2501	Biomechanics for the Dancer: Theory and Practice	3
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DNCE BC2561	Kinesiology: Applied Anatomy for Human Movement	3
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DNCE BC2562	Movement Analysis	3
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Composition

Select one or more of the following:

DNCE BC2564	Dance Composition: Content	3
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DNCE BC3565	Composition: Collaboration and the Creative Process	3
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DNCE BC3566	Composition: Site Specific and Experimental Methods	3
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DNCE BC2563	Composition: Form, Dance/Theater	3
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Senior Work

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 in Dance	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	
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DNCE BC3593	Senior Project: Repertory for Dance	
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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 BC3580	History of Social Dancing: Dance Crazes from the Waltz to Flash Mobs	
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DNCE BC2570	Dance in New York City	
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DNCE BC2575	Choreography for the American Musical	
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DNCE BC2580	Tap as an American Art Form	
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DNCE BC3000	From the Page to the Dance Stage	
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DNCE BC3200	Dance in Film	
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DNCE BC3567	Dance of India	
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DNCE BC3570	Latin American and Caribbean Dance: Identities in Motion	
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DNCE BC3575	George Balanchine and the Reinvention of Modern Ballet	
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DNCE BC3577	Performing the Political: Embodying Change in American Performance	
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DNCE BC3578	Traditions of African-American Dance	
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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 Rehearsal and Performance in Dance
- DNCE BC3604 and Rehearsal and Performance 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

MAJOR IN DANCE (FOR STUDENTS DECLARING A MAJOR BEFORE FALL 2011)

Majors must fulfill an eleven-course requirement, including the DNCE BC3591 Senior Seminar in Dance and either Senior Project: Research in Dance (DNCE BC3592 Senior Project: Research for Dance) or DNCE BC3593 Senior Project: Repertory for Dance, in addition to taking a minimum of eight 1-point technique courses.

To fulfill the distribution requirements, one course must be taken in each of the following four areas:

Movement Science

DNCE BC2501 Biomechanics for the Dancer: Theory and Practice 3

DNCE BC2561 Kinesiology: Applied Anatomy for Human Movement 3

DNCE BC2562 Movement Analysis 3

Composition

DNCE BC3566 Composition: Site Specific and Experimental Methods 3

DNCE BC2563 Composition: Form, Dance/Theater 3

DNCE BC2564 Dance Composition: Content 3

DNCE BC3565 Composition: Collaboration and the Creative Process 3

History

DNCE BC2565 World Dance History 3

DNCE BC3001 Western Theatrical Dance from the Renaissance to the 1960s 3

Writing

DNCE BC2570 Dance in New York City 3

DNCE BC3570 Latin American and Caribbean Dance: Identities in Motion 3

DNCE BC3574 Inventing the Contemporary: Dance Since the 1960s 3

DNCE BC3576 Dance Criticism 3

DNCE BC3577 Performing the Political: Embodying Change in American Performance 3

Electives

In consultation with the major advisor, an additional five courses should be chosen from the courses listed above or below:

History/Criticism:

DNCE BC2575 Choreography for the American Musical

DNCE BC2580 Tap as an American Art Form

DNCE BC3000 From the Page to the Dance Stage

DNCE BC3567 Dance of India

DNCE BC3575 George Balanchine and the Reinvention of Modern Ballet

DNCE BC3577 Performing the Political: Embodying Change in American Performance

DNCE BC3578 Traditions of African-American Dance

DNCE BC3980	Performing the Political: Embodying Change in American Performance
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 BC2558	Tap Ensemble
DNCE BC2567	Music for Dance
DNCE BC3571	Solo Repertory: Performance Styles
DNCE BC3572	Dance Production
DNCE BC3601 - DNCE BC3604	Rehearsal and Performance in Dance and Rehearsal and Performance in Dance

Senior Work

All dance majors must complete two semesters of senior work. DNCE BC3591 Senior Seminar in Dance 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 Senior 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

COURSES**DNCE BC1135 Ballet, I: Beginning. 1 point.****Fall 2014: DNCE BC1135**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1135	001/01157	M W 9:00am - 10:00am 11 Barnard Hall	Mary Carpenter	1	29
DNCE 1135	002/06272	T Th 9:00am - 10:00am 110 Barnard Hall Annex	Robert LaFosse	1	20
DNCE 1135	003/05885	F 10:00am - 12:00pm 11 Barnard Hall	Ashley Tuttle	1	28

DNCE BC1136 Ballet, I: Beginning. 1 point.**Spring 2015: DNCE BC1136**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1136	001/04152	M W 9:00am - 10:00am 11 Barnard Hall	Mary Carpenter	1	36
DNCE 1136	002/00887	T Th 9:00am - 10:00am 110 Barnard Hall Annex	Robert LaFosse	1	36
DNCE 1136	003/02732	F 10:00am - 12:00pm 11 Barnard Hall	Ashley Tuttle	1	43

DNCE BC1137 Ballet, II: Advanced Beginning. 1 point.**Fall 2014: DNCE BC1137**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1137	001/07379	M W 10:10am - 11:25am 305 Barnard Hall	Mary Carpenter	1	20
DNCE 1137	002/07486	T Th 2:40pm - 3:55pm 11 Barnard Hall	Kathryn Sullivan	1	14

DNCE BC1138 Ballet, II: Advanced Beginning. 1 point.**Spring 2015: DNCE BC1138**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1138	001/09385	M W 10:10am - 11:25am 306 Barnard Hall	Mary Carpenter	1	34
DNCE 1138	002/04830	T Th 2:40pm - 3:55pm 110 Barnard Hall Annex	Kathryn Sullivan	1	20

DNCE BC1247 Jazz, I: Beginning. 1 point.

Prerequisites: BC1137, BC1138, BC1332, or BC1333.
Intermediate level in modern or ballet technique is required.

Fall 2014: DNCE BC1247

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1247	001/08164	T Th 1:10pm - 2:25pm 110 Barnard Hall Annex	Katiti King	1	7

Spring 2015: DNCE BC1247

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1247	001/03436	T Th 11:40am - 12:55pm 110 Barnard Hall Annex	Katiti King	1	24

DNCE BC1248 Jazz, I: Beginning. 1 point.

Prerequisites: BC1137, BC1138, BC1332, or BC1333.
Intermediate level in modern or ballet technique is required.

DNCE BC1250 HIP HOP DANCE & CULTURE. 1 point.**Spring 2015: DNCE BC1250**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1250	001/03718	M W 11:40am - 12:55pm 305 Barnard Hall		1	34

DNCE BC1330 Modern, I: Beginning Modern Dance. 1 point.

Open to all beginning dancers.

Fall 2014: DNCE BC1330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1330	001/06834	M W 9:00am - 10:00am 305 Barnard Hall	Karla Wolfangle	1	24
DNCE 1330	002/06137	T Th 9:00am - 10:00am 305 Barnard Hall	Caitlin Trainor	1	42
DNCE 1330	003/05002	T Th 1:10pm - 2:25pm 305 Barnard Hall	Caitlin Trainor	1	34

DNCE BC1331 Modern, I: Beginning Modern Dance. 1 point.

Open to all beginning dancers.

Spring 2015: DNCE BC1331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1331	001/09741	M W 9:00am - 10:00am 305 Barnard Hall	Julia Burrer	1	34
DNCE 1331	002/07309	T Th 9:00am - 10:00am 305 Barnard Hall	Caitlin Trainor	1	49
DNCE 1331	003/01615	T Th 11:40am - 12:55pm 305 Barnard Hall	Tessa Chandler	1	25

DNCE BC1332 Modern, II: Advanced Beginning Modern Dance. 1 point.**Fall 2014: DNCE BC1332**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1332	001/04577	T Th 10:10am - 11:25am 11 Barnard Hall	Caitlin Trainor	1	22

DNCE BC1333 Modern, II: Advanced Beginning Modern Dance. 1 point.**Spring 2015: DNCE BC1333**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1333	001/03372	T Th 10:10am - 11:25am 11 Barnard Hall	Caitlin Trainor	1	31

DNCE BC1445 Tap, I: Beginning. 1 point.

Prerequisites: BC1137, BC1138, BC1332, or BC1333, or permission of the Dance Department. Intermediate level in modern or ballet technique is required.

DNCE BC1446 Tap, I: Beginning. 1 point.

Prerequisites: BC1137, BC1138, BC1332, or BC1333, or permission of the Dance Department. Intermediate level in modern or ballet technique is required.

Fall 2014: DNCE BC1446

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 1446	001/01332	M W 5:40pm - 6:55pm 110 Barnard Hall Annex	Margaret Morrison	1	12

DNCE BC2137 Ballet, III: Intermediate. 1 point.**Fall 2014: DNCE BC2137**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2137	001/04616	M W 2:40pm - 3:55pm 305 Barnard Hall	Kate Glasner	1	19
DNCE 2137	002/01283	T Th 1:10pm - 2:25pm 11 Barnard Hall	Kathryn Sullivan	1	16

DNCE BC2138 Ballet, III: Intermediate. 1 point.**Spring 2015: DNCE BC2138**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2138	001/01680	M W 2:40pm - 3:55pm 305 Barnard Hall	Kate Glasner	1	23
DNCE 2138	002/05676	T Th 1:10pm - 2:25pm 11 Barnard Hall	Kathryn Sullivan	1	16

DNCE BC2139 Ballet, IV: High Intermediate. 1 point.

Fall 2014: DNCE BC2139

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2139	001/03629	M W 1:10pm - 2:25pm 305 Barnard Hall	Marjorie Folkman	1	24
DNCE 2139	002/02978	F 10:00am - 12:00pm 305 Barnard Hall	Kate Glasner	1	26

DNCE BC2140 Ballet, IV: High Intermediate. 1 point.**Spring 2015: DNCE BC2140**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2140	001/09308	T Th 4:10pm - 5:25pm 11 Barnard Hall	Marjorie Folkman	1	23
DNCE 2140	002/03613	F 10:00am - 12:00pm 305 Barnard Hall	Kate Glasner	1	32

DNCE BC2143 Pointe: Intermediate to Advanced Study of Pointe Work for Ballet. 0 points.

Prerequisites: DNCE BC2137 or permission of department. Focuses on developing strength and refinement that is specific to pointe work for the intermediate and advanced ballet dancer. Permission of the instructor required.

Fall 2014: DNCE BC2143

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2143	001/05943	M W 11:40am - 12:55pm 110 Barnard Hall Annex	Cynthia Anderson	0	10

Spring 2015: DNCE BC2143

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2143	001/04179	M W 11:40am - 12:55pm 110 Barnard Hall Annex	Cynthia Anderson	0	7

DNCE BC2248 Jazz, II: Intermediate. 1 point.

Prerequisites: DNCE BC1247, BC1248 or permission of instructor.

Fall 2014: DNCE BC2248

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2248	001/07489	T Th 11:40am - 12:55pm 110 Barnard Hall Annex	Katiti King	1	9

DNCE BC2249 Jazz, II: Intermediate. 1 point.

Prerequisites: DNCE BC1247, BC1248 or permission of instructor.

DNCE BC2252 African Dance I. 1 point.

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 2014: DNCE BC2252

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2252	001/02678	T Th 9:30am - 10:30am Stu Dodge Fitness Center	Maguette Camara	1	21
DNCE 2252	002/03372	T Th 11:40am - 12:55pm 11 Barnard Hall	Maguette Camara	1	27

Spring 2015: DNCE BC2252

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2252	001/02678	T Th 9:30am - 10:30am Stu Dodge Fitness Center	Maguette Camara	1	45
DNCE 2252	002/02154	T Th 11:40am - 12:55pm 11 Barnard Hall	Maguette Camara	1	48

DNCE BC2253 African Dance II. 1 point.

Prerequisites: DNCE BC2252 or permission of instructor.

Fall 2014: DNCE BC2253

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2253	001/04932	T Th 10:30am - 11:30am Stu Dodge Fitness Center	Maguette Camara	1	7

Spring 2015: DNCE BC2253

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2253	001/07648	T Th 10:30am - 11:30am Stu Dodge Fitness Center	Maguette Camara	1	27

DNCE BC2254 Classical Indian Dance. 1 point.

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 2014: DNCE BC2254

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2254	001/07041	M W 2:40pm - 3:55pm 110 Barnard Hall Annex	Uttara Coorlawala	1	10

DNCE BC2255 Afro-Cuban Dance: Orisha, Rumba, Salsa. 1 point.

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 2014: DNCE BC2255

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2255	001/06208	F 3:00pm - 5:00pm 11 Barnard Hall	Rebecca Bliss	1	31

Spring 2015: DNCE BC2255

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2255	001/00729	F 3:00pm - 5:00pm 11 Barnard Hall	Rebecca Bliss	1	44

DNCE BC2332 Modern, III: Intermediate Modern Dance. 1 point.**Fall 2014: DNCE BC2332**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2332	001/08565	M W 10:10am - 11:25am 306 Barnard Hall	Karla Wolfangle	1	13

DNCE BC2333 Modern, III: Intermediate Modern Dance. 1 point.**Spring 2015: DNCE BC2333**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2333	001/01630	T Th 1:10pm - 2:25pm 305 Barnard Hall	Caitlin Trainor	1	25

DNCE BC2334 Modern, IV: High Intermediate Modern Dance. 1 point.**Fall 2014: DNCE BC2334**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2334	001/03016	M W 2:40pm - 3:55pm 11 Barnard Hall	Jodi Melnick	1	10
DNCE 2334	002/02110	T Th 4:10pm - 5:25pm 11 Barnard Hall	Miki Orihara, Lone Larsen	1	13

DNCE BC2335 Modern, IV: High Intermediate Modern Dance. 1 point.**Spring 2015: DNCE BC2335**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2335	001/08245	F 12:30pm - 2:30pm 305 Barnard Hall		1	25

DNCE BC2447 Tap, II: Intermediate. 1 point.

Prerequisites: DNCE BC1445, BC1446, or Permission of instructor.

Fall 2014: DNCE BC2447

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2447	001/03455	M W 4:10pm - 5:25pm 110 Barnard Hall Annex	Margaret Morrison	1	18

Spring 2015: DNCE BC2447

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2447	001/01934	M W 4:10pm - 5:25pm 110 Barnard Hall Annex	Margaret Morrison	1	11

DNCE BC2452 Pilates for the Dancer. 1 point.

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 2014: DNCE BC2452

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2452	001/08615	M W 12:00pm - 12:55pm 11 Barnard Hall	Mary Carpenter	1	34

Spring 2015: DNCE BC2452

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2452	001/00564	M W 12:00pm - 12:55pm 11 Barnard Hall	Mary Carpenter	1	34

DNCE BC2455 Feldenkrais for Dancers. 1 point.

Prerequisites: Permission of instructor.

Develops sensory awareness of their individual neuromuscular patterns in this practical method of attaining optimal, efficient movement. Injury prevention/recovery, improved skill acquisition, and increased strength/coordination/flexibility all result from the discovery and release of habitual rigidities. Applicable to all dance styles and activities.

Fall 2014: DNCE BC2455

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2455	001/04161	T Th 11:40am - 12:55pm 305 Barnard Hall	Tessa Chandler	1	10
DNCE 2455	002/05625	F 10:00am - 12:00pm 110 Barnard Hall Annex	Tessa Chandler	1	7

Spring 2015: DNCE BC2455

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2455	001/06118	T Th 10:10am - 11:25am 110 Barnard Hall Annex	Tessa Chandler	1	15

DNCE BC2501 Biomechanics for the Dancer: Theory and Practice. 3 points.**Not Offered During 2014-15 Academic Year.**

Prerequisites: Basic knowledge of dance techniques in ballet or modern.

Links conditioning skills, movement therapies, and neuromuscular patterning through the process of building strength, alignment, and awareness in essential musculature needed for foundational work in ballet and modern.

DNCE BC2555 Ensemble Dance Repertory (Modern Dance). 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Prerequisites: Intermediate level technique and permission of instructor.

Study and performance of choreography using three approaches: learning excerpts from the repertory of selected choreographers, analyzing through reconstruction of classic repertory works, and understanding the choreographic process by working in a creation from initial concept to finished dance.

DNCE BC2556 Ensemble Dance Repertory: Ballet. 3 points.

Prerequisites: Intermediate level technique and permission of Instructor.

The study and performance of choreography using three approaches: learning excerpts from the repertoire of selected choreographers, analyzing through reconstruction of classic repertory works, and understanding the choreographic process by working in a creation from initial concept to finished dance.

Fall 2014: DNCE BC2556

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 2556	001/09337	M W 11:40am - 12:55pm 305 Barnard Hall	Marjorie Folkman	3	13
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DNCE BC2557 Evolution of Spanish Dance Style. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Study of Spanish dance and music from late-17th century to the present. Dance and music styles including castanet technique. Through historical documents, students will experience the cultural history of Spain.

DNCE BC2558 Tap Ensemble. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Advanced or Intermediate level tap training and Permission of the Instructor.

A tap composition, improvisation, and performance class, for experienced tap dancers to develop skills in music, choreography, and creative rhythm-making.

Spring 2015: DNCE BC2558

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2558	001/04471	M W 2:40pm - 3:55pm 110 Barnard Hall Annex	Margaret Morrison	3	10

DNCE BC2561 Kinesiology: Applied Anatomy for Human Movement. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Focus on physical sciences that relate to human movement, with an emphasis on functional anatomy. Topics include skeletal structure, physics of dance, muscular balance, and improving movement potential.

Spring 2015: DNCE BC2561

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2561	001/07481	M W 1:10pm - 2:25pm 110 Barnard Hall Annex	Chisa Hidaka	3	34

DNCE BC2562 Movement Analysis. 3 points.

Prerequisites: An intermediate or advanced dance technique course or permission of instructor. Limited to 10.

Introduction to the theories and methods of movement analysis, focusing on its application to dance performance and research. Through lectures, readings, integrative movement exercises, and observation labs, students will learn to analyze and describe the qualitative aspects of human movement; to notate movement in motif writing; and to refine their ability to move efficiently and expressively.

Fall 2014: DNCE BC2562

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2562	001/03921	M W 1:10pm - 2:25pm 110 Barnard Hall Annex	Elizabeth Coker	3	6

DNCE BC2563 Composition: Form, Dance/Theater. 3 points.

An exploration of choreography that employs text, song, vocal work, narrative and principles of artistic direction in solo and group contexts.

Spring 2015: DNCE BC2563

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 001/08349 M W 4:10pm - 5:25pm Twyla 3 30
2563 305 Barnard Hall Tharp

DNCE BC2564 Dance Composition: Content. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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 2014: DNCE BC2564

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2564	001/03017	T Th 10:10am - 11:25am 110 Barnard Hall Annex	David Parker	3	25

DNCE BC2565 World Dance History. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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 2015: DNCE BC2565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2565	001/06751	T Th 11:40am - 12:55pm 302 Barnard Hall	Uttara Coorlawala	3	34

DNCE BC2567 Music for Dance. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Study of musicianship and musical literacy in relation to dance. Using computer software, drumming studies, score and audio-visual analyses, students will learn to identify the compositional elements of dance music with a multi-cultural emphasis. Presentation of individual and collective research in written and performance format.

DNCE BC2570 Dance in New York City. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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.

Fall 2014: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/03542	T Th 10:10am - 11:25am 302 Barnard Hall	Marjorie Folkman	3	35
DNCE 2570	002/04251	T Th 2:40pm - 3:55pm 302 Barnard Hall	Kate Glasner	3	29

Spring 2015: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/08372	T Th 2:40pm - 3:55pm 302 Barnard Hall	Siobhan Burke	3	30

DNCE BC2575 Choreography for the American Musical. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 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).

Not Offered During 2014-15 Academic Year.

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 BC3000 From the Page to the Dance Stage. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Study of dance works which have their origins in the written word. Topics considered include: Is choreography a complete act of creative originality? Which literary genres are most often transformed into dance pieces? Why are some texts privileged with dance interpretation(s) and others are not?

Spring 2015: DNCE BC3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3000	001/08523	T Th 4:10pm - 5:25pm 302 Barnard Hall	Mindy Aloff	3	42

DNCE BC3001 Western Theatrical Dance from the Renaissance to the 1960s. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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 2014: DNCE BC3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3001	001/02201	M W 10:10am - 11:25am 409 Barnard Hall	Lynn Garafola	3	21

DNCE BC3009 Independent Study. 1-4 points.**DNCE BC3138 Ballet V: Intermediate Advanced. 1 point.****Fall 2014: DNCE BC3138**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3138	001/02707	M W 4:10pm - 5:25pm 305 Barnard Hall	Robert LaFosse	1	21
DNCE 3138	002/06101	T Th 8:40am - 9:55am 11 Barnard Hall	Antonio Carmena	1	33
DNCE 3138	003/00071	F 12:30pm - 2:30pm 11 Barnard Hall	Allegra Kent	1	13

DNCE BC3139 Ballet, V: Advanced. 1 point.**Spring 2015: DNCE BC3139**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3139	001/03243	M W 1:10pm - 2:25pm 305 Barnard Hall	Robert LaFosse	1	20
DNCE 3139	002/09826	T Th 8:40am - 9:55am 11 Barnard Hall	Antonio Carmena	1	24
DNCE 3139	003/03989	F 12:30pm - 2:30pm 11 Barnard Hall	Allegra Kent	1	2

DNCE BC3140 Ballet, VI: Advanced Ballet with Pointe. 1 point.**Fall 2014: DNCE BC3140**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3140	001/04089	M W 10:10am - 11:25am 11 Barnard Hall	Cynthia Anderson	1	10
DNCE 3140	002/07997	T Th 2:40pm - 3:55pm 305 Barnard Hall	Ashley Tuttle	1	21

DNCE BC3141 Ballet, VI: Advanced Ballet with Pointe. 1 point.**Spring 2015: DNCE BC3141**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3141	001/04476	M W 10:10am - 11:25am 11 Barnard Hall	Cynthia Anderson	1	12
DNCE 3141	002/00883	T Th 2:40pm - 3:55pm 305 Barnard Hall	Ashley Tuttle	1	27

DNCE BC3142 Classic Variations. 1 point.**Fall 2014: DNCE BC3142**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3142	001/04067	T Th 4:10pm - 5:25pm 110 Barnard Hall Annex	Ashley Tuttle	1	6

DNCE BC3143 Classic Variations. 1 point.**Spring 2015: DNCE BC3143**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3143	001/09425	T Th 4:10pm - 5:25pm 110 Barnard Hall Annex	Ashley Tuttle	1	3

DNCE BC3150 Advanced Studio: Ballet or Modern. 1 point.

Prerequisites: Permission of Department.
May be repeated for credit up to four times

Fall 2014: DNCE BC3150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3150	001/02590		Kate Glasner	1	11

Spring 2015: DNCE BC3150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3150	001/03532		Kate Glasner	1	15

DNCE BC3200 Dance in Film. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Prerequisites: DNCE BC2566, DNCE BC2570, FILM W1001, and permission of instructor.
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 BC3249 Jazz, III: Advanced Jazz Dance. 1 point.

Prerequisites: DNCE BC2248x, y or permission of instructor.

Spring 2015: DNCE BC3249

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3249	001/07786	T Th 1:10pm - 2:25pm 110 Barnard Hall Annex	Katiti King	1	7

DNCE BC3250 Flamenco and Classical Spanish Dance I. 1 point.

Prerequisites: DNCE BC1137x, BC1138y, BC1332x, BC1333y, or Permission of instructor. Intermediate level in modern or ballet technique is required.

Fall 2014: DNCE BC3250

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3250	001/02401	F 12:00pm - 2:00pm 110 Barnard Hall Annex	Melinda Bronson	1	12

Spring 2015: DNCE BC3250

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3250	001/09391	F 12:00pm - 2:00pm 110 Barnard Hall Annex	Melinda Bronson	1	19

DNCE BC3332 (Section 2) Modern V: Gallim. 1 point.**Fall 2014: DNCE BC3332 (Section 2)**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3332	002/07754	T Th 10:10am - 11:25am 305 Barnard Hall	Kate Glasner	1	13

DNCE BC3332 (Section 3) Modern V: Intermediate Advanced. 1 point.**Fall 2014: DNCE BC3332 (Section 3)**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3332	003/00340	F 12:30pm - 2:30pm 305 Barnard Hall	Karla Wolfangle	1	14

DNCE BC3334 Improvisation. 1 point.**Not Offered During 2014-15 Academic Year.**

In this course we will investigate techniques from Ruth Zaporah's Action Theater™ work, Viola Spolin's improvisational "games," Bonnie Bainbridge Cohen's Body-Mind Centering®, and layered improvisational prompts created by the instructor and variations suggested by the class. Together we will create our own methods to facilitate relevant performance practices.

DNCE BC3335 Modern, VI: High Advanced Modern Dance. 1 point.**Fall 2014: DNCE BC3335**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 3335	001/03457	M W 4:10pm - 5:25pm 11 Barnard Hall	Jodi Melnick	1	2
DNCE 3335	002/00297	T Th 4:10pm - 5:25pm 305 Barnard Hall	Colleen Thomas	1	23

DNCE BC3336 Modern, VI: High Advanced Modern Dance. 1 point.**Spring 2015: DNCE BC3336**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3336	001/02707	T Th 4:10pm - 5:25pm 305 Barnard Hall	Colleen Thomas	1	23

DNCE BC3338 Contact Improvisation. 1 point.

Prerequisites: Limited to twenty people.

Examination of the gender-neutral partnering technique that is now common in contemporary dance. Focus is placed on recent improvisatory forms, sensation building, center connection and risk. Emphasis is placed on listening and sensing rather than controlling or leading.

Fall 2014: DNCE BC3338

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3338	001/05555	M W 1:10pm - 2:25pm 11 Barnard Hall	Colleen Thomas	1	17

Spring 2015: DNCE BC3338

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3338	001/03399	M W 1:10pm - 2:25pm 11 Barnard Hall	Colleen Thomas	1	13

DNCE BC3339 Advanced Contact Improvisation. 1 point. Not Offered During 2014-15 Academic Year.

Prerequisites: DNCE BC3338 Contact Improvisation. Sophomore standing or permission of instructor required. Examination of this gender-neutral partnering technique further exploring compositional forms as they arise from the practice. Students will also investigate a variety of set repertory dance texts that have originated from contact improvised material.

DNCE BC3447 Tap, III: Advanced Tap Dance. 1 point. Not Offered During 2014-15 Academic Year.

Prerequisites: DNCE BC2447, BC2448, or permission of instructor.

DNCE BC3448 Tap, III: Advanced Tap Dance. 1 point. Not Offered During 2014-15 Academic Year.

Prerequisites: DNCE BC2447, BC2448, or permission of instructor.

DNCE BC3565 Composition: Collaboration and the Creative Process. 3 points.

This course is a study in dance composition with a focus on collaboration. Whether creating a solo or larger group piece, students are encouraged to collaborate with other artists. Methods employed by contemporary choreographers will be explored. Peer feedback and creative dialogue will be a component of every class.

Spring 2015: DNCE BC3565

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3565	001/01672	T Th 2:40pm - 3:55pm 11 Barnard Hall	Colleen Thomas	3	24

DNCE BC3566 Composition: Site Specific and Experimental Methods. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Focuses on collaborative creation as conceptual artists, choreographers, improvisers, and performers with an emphasis on site-specific projects and experimental methods.

Fall 2014: DNCE BC3566

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3566	001/05801	T Th 2:40pm - 3:55pm 110 Barnard Hall Annex	Adam Weinert	3	14

DNCE BC3567 Dance of India. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

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 performed? What are dance discourses?

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 2014-15 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 BC3571 Solo Repertory: Performance Styles. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Intermediate level technique and permission of instructor.

The study of solo excerpts from classical ballet and/or modern dance repertory and the presentation of individual research in both written and performance format. Emphasis will be placed on the role that the dancer must play to facilitate the realization of the choreographer's concept.

DNCE BC3572 Dance Production. 3 points.

Not Offered During 2014-15 Academic Year.

DNCE BC3574 Inventing the Contemporary: Dance Since the 1960s. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

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 BC3575 George Balanchine and the Reinvention of Modern Ballet. 3 points.

This course examines the life and major work of Balanchine, founder of the New York City Ballet, tracing his development as an artist, his landmark collaborations with Stravinsky, his role in defining modern ballet style and his reinvention of the modern ballerina.

Spring 2015: DNCE BC3575

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3575	001/06392	M W 2:40pm - 3:55pm 409 Barnard Hall	Lynn Garafola	3	8

DNCE BC3576 Dance Criticism. 3 points.

Intensive practice in writing about dance. Readings drawn from 19th- and 20th-century criticism. Observation includes weekly performances and classroom videotape sessions.

Fall 2014: DNCE BC3576

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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DNCE 001/07302 Th 12:00pm - 1:50pm Siobhan 3 11
3576 306 Milbank Hall Burke

DNCE BC3577 Performing the Political: Embodying Change in American Performance. 3 points.
Not Offered During 2014-15 Academic Year.

Exploration into the politics of performance and the performance of politics.

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 2014-15 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 BC3580 History of Social Dancing: Dance Crazes from the Waltz to Flash Mobs. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

The history of social dancing from the Renaissance to the present: waltz, contradances, ragtime, jazz, disco. Topics include dance "manias"; youth and anti-dance movements; intersections between the ballroom, stage, and film; competitive, exhibition, and "flash mob" dancing. Lectures based on archival sources, film, literature, music, images, and live performances.

Fall 2014: DNCE BC3580

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3580	001/02773 M W 2:40pm - 3:55pm	805 Altschul Hall	Seth Williams	3	23

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 2014-15 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 BC3591 Senior Seminar in Dance. 4 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 2014: DNCE BC3591

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3591	001/06152 T 4:10pm - 6:00pm	324 Milbank Hall	Lynn Garafola	4	9

DNCE BC3592 Senior Project: Research for Dance. 4 points.

Independent study for research and writing (35 to 50-page thesis required).

Spring 2015: DNCE BC3592

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3592	001/04999			4	0

DNCE BC3593 Senior Project: Repertory for Dance. 3 points.

Independent study for preparing and performing repertory works in production to be presented in concert.

Spring 2015: DNCE BC3593

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3593	001/07754 W 11:40am - 12:55pm	306b Barnard Hall	Kate Glasner	3	11

DNCE BC3601 Rehearsal and Performance in Dance. 1-3 points.

Not Offered During 2014-15 Academic Year.

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 BC3602 Rehearsal and Performance in Dance. 1-3 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 2014: DNCE BC3602

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3602	001/05550	M W 6:10pm - 8:30pm 11 Barnard Hall	Patricia Hoffbauer	1-3	8
DNCE 3602	002/04242	M W 6:10pm - 8:30pm 305 Barnard Hall	Pamela Tanowitz	1-3	13
DNCE 3602	003/08403	T Th 6:10pm - 8:30pm 11 Barnard Hall	Sae Yun Kim	1-3	4
DNCE 3602	004/03641	T Th 6:10pm - 8:15pm 110 Barnard Hall Annex	Colleen Thomas	1-3	9

DNCE BC3603 Rehearsal and Performance in Dance. 1-3 points.

Not Offered During 2014-15 Academic Year.

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 BC3604 Rehearsal and Performance in Dance. 1-3 points.

Not Offered During 2014-15 Academic Year.

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 and Performance in Dance. 3 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.

Spring 2015: DNCE BC3605

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3605	001/01390	M W 6:10pm - 8:45pm 11 Barnard Hall	Jodi Melnick	3	7
DNCE 3605	002/05629	M W 6:10pm - 8:45pm 305 Barnard Hall		3	15

DNCE 3605	003/01372	T Th 6:10pm - 8:45pm 305 Barnard Hall	Marjorie Folkman	3	10
DNCE 3605	004/09933	F 2:30pm - 5:00pm 305 Barnard Hall		3	5

DNCE BC3980 Performing the Political: Embodying Change in American Performance. 4 points.

Not Offered During 2014-15 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.

DNCE BC3981 Inventing American Modern Dance: Ruth St. Denis and Ted Shawn. 4 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: An introductory dance or theater history course or permission of the instructor.

The life, writings, and dances of Ruth St. Denis and Ted Shawn, focusing on their pioneering role in the development of American modern dance and their radical stagings of race, class, gender, and sexuality.

DNCE BC3982 Diaghilev's Ballets Russes and Its World. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Prerequisites: Introductory course in dance, music, theatre history, 20th century art history or permission of instructor. Examines the multifaceted revolution of Serge Diaghilev's Ballets Russes and its impact on dance, music, theatre, and visual arts in the opening decades of the 20th century. Outstanding works such as Petrouchka, The Rite of Spring, Parade, Les Noces, and Prodigal Son, studied in depth, with an emphasis on artistic collaboration and the remaking of traditional dance language.

CROSS-LISTED COURSES - AMERICAN STUDIES

DNCE BC2565 World Dance History. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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 2015: DNCE BC2565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2565	001/06751	T Th 11:40am - 12:55pm 302 Barnard Hall	Uttara Coorlawala	3	34

DNCE BC2570 Dance in New York City. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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.

Fall 2014: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/03542	T Th 10:10am - 11:25am 302 Barnard Hall	Marjorie Folkman	3	35
DNCE 2570	002/04251	T Th 2:40pm - 3:55pm 302 Barnard Hall	Kate Glasner	3	29

Spring 2015: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/08372	T Th 2:40pm - 3:55pm 302 Barnard Hall	Siobhan Burke	3	30

DNCE BC2575 Choreography for the American Musical. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 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).

Not Offered During 2014-15 Academic Year.

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 Western Theatrical Dance from the Renaissance to the 1960s. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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 2014: DNCE BC3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 3001	001/02201	M W 10:10am - 11:25am 409 Barnard Hall	Lynn Garafola	3	21

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 2014-15 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).

Not Offered During 2014-15 Academic Year.

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 2014-15 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 2014-15 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 2014-15 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 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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.

Fall 2014: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/03542	T Th 10:10am - 11:25am 302 Barnard Hall	Marjorie Folkman	3	35
DNCE 2570	002/04251	T Th 2:40pm - 3:55pm 302 Barnard Hall	Kate Glasner	3	29

Spring 2015: DNCE BC2570

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
DNCE 2570	001/08372	T Th 2:40pm - 3:55pm 302 Barnard Hall	Siobhan Burke	3	30

DRAMA AND THEATRE ARTS

507 Milbank Hall
212-854-2080
212-854-1840 (fax)

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 your first two years of study: Theatre History I, Theatre History II and/or a course fulfilling the "world theatre" requirement, 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 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.

Students declare the major in the spring semester of the sophomore year. The major requirements are spelled out

below, and the process for choosing a thesis area as well: all Theatre/Drama and Theatre Arts majors complete a thesis as a capstone to their work in the degree. For more information about the major, please contact any full-time faculty member (see Faculty pages).

Barnard students must make an appointment or come by the office of the Department Chair to have the major-declaration form signed, and will have a major adviser from the Department faculty; Columbia students are encouraged to meet with members of the faculty to discuss the degree. All majors should introduce themselves to the Theatre Administrator in 507 Milbank Hall: she will add names to the departmental listserv, and help students to keep up to date in important information about studying in the Department.

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.

FACULTY

Chair: W.B. Worthen (Alice Brady Pels Professor in the Arts, Co-Director of Undergraduate Studies, Drama and Theatre Arts)

Assistant Professors: Shayoni Mitra, Hana Worthen

Assistant Professors of Professional Practice: Sandra Goldmark, Alice Reagan

Adjunct Lecturers: Betsy Adams, Mana Allen, Linda Bartholomai, Andy Bragen, Kyle deCamp, Crystal Finn, Sharon Fogarty, Charise Greene, Rebecca Guy, Tuomas Hiltunen, Stacey McMath, Piia Mustamäki, Fitz Patton, David Paul, Rita Pietropinto, 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, Julie Stone Peters

Assistant Professor: Katherine Biers

Associate Professor of Professional Practice: Steven Chaikelson

Theatre Administrator: Mike Cavalier

Technical Director: Greg Winkler

Production Manager: Michael Banta

Costume Shop Manager: Kara Feely

Departmental Assistant:

REQUIREMENTS

REQUIREMENTS FOR THE MAJOR

Download the Theatre major self-audit form (https://theatre.barnard.edu/sites/default/files/inline/selfaudit2012_revised_12-12-12.doc)

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:

THTR V3150	Western Theatre Traditions: Classic to Romantic	6
- THTR V3151	and Western Theatre Traditions: Modern	

Select one of the following:

THTR V3000	Theatre Traditions in a Global Context	
THTR V3155	Traditional Indian Theatre	
THTR V3156	Modern Asian Performance	

Select one course in drama, theatre, and performance theories: 4

THTR V3165	Theories of Performance Studies	
THTR V3166	Drama, Theatre, and Theory	
ENTA W3701	Drama, Theatre, Theory	

Select one course in Shakespeare

Select two courses in dramatic literature, theatre studies, 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 of the following courses in theatre design:

THTR V3132	Sound Design	
THTR V3133	Costume Design	
THTR V3134	Lighting Design	
THTR V3135	Scene Design	
THTR V3510	Problems in Design	
THTR V3203	Collaboration: Directing and Design (may be counted it not counted toward directing)	

Select one of the following courses in acting:

THTR V2007	Scene Lab	
THTR V3004	Acting Lab	
THTR V3005	Acting Lab	

Select one of the following courses in directing:

THTR V3200	Directing I	
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THTR V3203	Collaboration: Directing and Design (may be counted if not counted toward Design)	
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Concentration

All majors must take an additional two courses in the field of the senior thesis: acting, directing, design, dramaturgy, playwriting, or research. See below.

Senior Thesis

All students must take either THTR V3997 or THTR V3998:

THTR V3997	Senior Thesis: Performance (acting, design, directing, dramaturgy, or playwriting) *	
THTR V3998	Senior Thesis: Research **	

* 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). Courses in acting, design, and directing are offered through the Department of Theatre. Courses in playwriting are offered through the Department of Theatre; courses offered through the Barnard Department of English may be taken as well with advisor approval. For theses in Directing, students must take Dramaturgy prior to the thesis year. For theses in Dramaturgy, students take two courses in drama, theatre, or performance 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 adviser's approval. Dramaturgy concentrators may substitute one course in playwriting for one of these two courses. Students taking 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.

** 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 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 adviser's approval. These courses should be discussed 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 (<http://>

theatre.barnard.edu/department-and-production-information/#productioncrew) 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 V2003 Voice and Speech	2
THTR V2004 Movement for Actors	2
THTR V2005 Acting Workshop	3
THTR V2007 Scene Lab	3
THTR V2120 Technical Production	3
THTR V3004 Acting Lab	3
THTR V3005 Acting Lab	3
THTR V3006 Advanced Acting Lab	3
THTR V3122 Rehearsal and Performance	1-3
THTR V3172 Rehearsal and Performance - Design and Technical	1-3

Graduate Courses

Only under special circumstances, and with the permission of the instructor, can undergraduates take graduate classes.

COURSES

THTR V2002 New York Theatre. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Enrollment limited. Permission given by instructor only at first meeting.

Students attend a variety of performances as well as a weekly lab meeting. Emphasis on expanding students' critical vocabulary and understanding of current New York theatre and its history. Section on contemporary New York theatre management and production practices.

Fall 2014: THTR V2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2002	001/04317	Th 5:10pm - 7:00pm 323 Milbank Hall	Stacey McMath	3	19
THTR 2002	001/04317	Th 8:00pm - 11:00pm 323 Milbank Hall	Stacey McMath	3	19

Spring 2015: THTR V2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2002	001/01666	W 4:10pm - 6:00pm 323 Milbank Hall	Linda Bartholomai	3	30
THTR 2002	001/01666	W 7:00pm - 11:00pm 323 Milbank Hall	Linda Bartholomai	3	30

THTR V2003 Voice and Speech. 2 points. Not Offered During 2014-15 Academic Year.

Prerequisites: 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

Techniques of vocal production tailored to the individual problems and potential of the student. Exercises for use in warm-up, relaxation, breathing, and rehearsal; daily work with poetry and dramatic texts.

THTR V2004 Movement for Actors. 2 points. Not Offered During 2014-15 Academic Year.

Prerequisites: Recommended for students intending to focus on acting or directing in the senior thesis. 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

Exploration of the actor's physical performance. Classical and contemporary approaches to theatre movement.

THTR V2005 Acting Workshop. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

When offered in Fall semester, open only to first-year students.

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.

Fall 2014: THTR V2005

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2005	001/07546	F 10:00am - 1:50pm Ll200 Diana Center	Crystal Finn	3	15
THTR 2005	002/00488	M W 9:00am - 10:50am Ll200 Diana Center	Charise Greene	3	14

THTR V2007 Scene Lab. 3 points.

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.

Fall 2014: THTR V2007

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2007	001/01590	M W 9:00am - 10:50am 229 Milbank Hall	Tuomas Hiltunen	3	13

Spring 2015: THTR V2007

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2007	001/01036	M W 9:00am - 10:50am Ll200 Diana Center	Tuomas Hiltunen	3	13
THTR 2007	002/02270	F 10:10am - 2:00pm Ll200 Diana Center	Rita Pietropinto	3	14

THTR V2120 Technical Production. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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.

Fall 2014: THTR V2120

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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THTR 2120	001/04585	T Th 10:10am - 11:25am 230 Milbank Hall	Gregory Winkler	3	9
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**THTR V2121 Stage Management. 3 points.
Not Offered During 2014-15 Academic Year.**

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 V2140 History and Practice of Producing for the Theatre. 4 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.

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 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 2014: THTR V2140

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 2140	001/09533	T 4:10pm - 6:00pm 318 Milbank Hall	Steven Chaikelson	4	5
THTR 2140	001/09533	T 7:00pm - 10:00pm 318 Milbank Hall	Steven Chaikelson	4	5

THTR V3000 Theatre Traditions in a Global Context. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

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. Fulfills one course in World Theatre for Theatre/Drama and Theatre Arts majors.

Fall 2014: THTR V3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3000	001/05245	T Th 11:40am - 12:55pm Ll200 Diana Center	Shayoni Mitra	3	21

THTR V3004 Acting Lab. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Enrollment in each section 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

This is an umbrella course whose offerings will change each year. Some are narrow, some broad; all are designed with several objectives in common, including: a. To focus on a particular genre, playwright, approach to live performance. b. To develop an interrelated set of conceptual, analytical, and embodiment skills and approaches. Courses typically involve scene preparation, reading, research, and both individual and group projects, as well as active participation in classroom exercises. c. To develop a sense of the purposes and goals of a specific approach to acting. The acting lab courses are intentionally non-sequential; students with little previous background in acting are strongly encouraged to consider the Acting Workshop and Scene Lab courses. No more than six courses can be taken from the Acting Lab/Advanced Acting Lab offerings during a student's career. Auditions are required for all Acting Labs and will take place the first two evenings of each semester. 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.

Fall 2014: THTR V3004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3004	001/07733	T Th 4:10pm - 6:00pm 229 Milbank Hall	Mana Allen	3	8
THTR 3004	002/00451	T Th 11:00am - 12:50pm 229 Milbank Hall	Tuomas Hiltunen	3	7
THTR 3004	003/07149	M W 2:10pm - 4:00pm Ll200 Diana Center	Kyle deCamp	3	6

THTR V3005 Acting Lab. 3 points.

Prerequisites: Enrollment in each section 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

This is an umbrella course whose offerings will change each year. Some are narrow, some broad; all are designed with several objectives in common, including: a. To focus on a particular genre, playwright, approach to live performance. b. To develop an interrelated set of conceptual, analytical, and embodiment skills and approaches. Courses typically involve scene preparation, reading, research, and both individual and group projects, as well as active participation in classroom exercises. c. To develop a sense of the purposes and goals of a specific approach to acting. The acting lab courses are intentionally non-sequential; students with little previous background in acting are strongly encouraged to consider the Acting Workshop and Scene Lab courses. No more than six courses can be taken from the Acting Lab/Advanced Acting Lab offerings during a student's career. Auditions are required for all Acting Labs and will take place the first two evenings of each semester. 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.

Spring 2015: THTR V3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3005	001/04426	T Th 4:10pm - 6:00pm 118 Milbank Hall	Wendy Waterman	3	13
THTR 3005	002/05214	M W 12:10pm - 2:00pm Ll200 Diana Center	Charise Greene	3	15
THTR 3005	003/06194	M W 12:10pm - 2:00pm 229 Milbank Hall	Sharon Fogarty	3	12

THTR V3006 Advanced Acting Lab. 3 points.

Prerequisites: Preference given to juniors and seniors; THTRV 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

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.

Fall 2014: THTR V3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3006	001/01708	M W 11:00am - 12:50pm Ll200 Diana Center	Charise Greene	3	8

THTR V3122 Rehearsal and Performance. 1-3 points.

Prerequisites: 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. Students working as dramaturgs on departmental productions register for this course as well. Auditions for each 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. Students take part in the full production of a play as actors, designers, dramaturgs, or stage managers. Emphasizes the collaborative nature of production. Appropriate research and reading will be required in addition to artistic assignments.

Fall 2014: THTR V3122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3122	001/07488		Sharon Fogarty	1-3	11
THTR 3122	002/04728		Hana Worthen	1-3	1
THTR 3122	003/04222		David Paul	1-3	10

Spring 2015: THTR V3122

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3122	001/03025		Kyle deCamp	1-3	10
THTR 3122	002/01121		Alice Reagan	1-3	36

THTR V3132 Sound Design. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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 course in Design for Theatre/Drama and Theatre Arts majors.

Fall 2014: THTR V3132

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3132	001/03019	M 11:00am - 1:50pm 230 Milbank Hall	Brian Patton	3	4

THTR V3133 Costume Design. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Permission of instructor given at first class meeting. 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.

Spring 2015: THTR V3133

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3133	001/03559	F 11:00am - 1:50pm 230 Milbank Hall	Sandra Goldmark	3	14

THTR V3134 Lighting Design. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: Enrollment limited to 12 students. Permission of instructor given at first class meeting. 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.

Spring 2015: THTR V3134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3134	001/08247	T 9:35am - 11:50am 230 Milbank Hall	Betsy Adams	3	14

THTR V3135 Scene Design. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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 course in Design for Theatre/Drama and Theatre Arts majors.

Fall 2014: THTR V3135

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3135	001/09138	F 10:10am - 2:00pm 230 Milbank Hall	Sandra Goldmark	3	11

THTR V3141 Socialism/Communism in Performance. 4 points.**Not Offered During 2014-15 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 for Theatre/Drama and Theatre Arts major.

THTR V3146 American Drama in the 1990s. 4 points.

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 in dramatic literature for Theatre/Drama and Theatre Arts major.

Fall 2014: THTR V3146

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3146	001/09128	T 2:10pm - 4:00pm LI105 Diana Center	Piia Mustamaki	4	16

THTR V3150 Western Theatre Traditions: Classic to Romantic. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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. We will undertake 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 2014: THTR V3150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3150	001/06594	M W 10:10am - 11:25am 325 Milbank Hall	William Worthen	3	28

THTR V3151 Western Theatre Traditions: Modern. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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. We will undertake 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 2015: THTR V3151

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3151	001/03990	M W 10:10am - 11:25am 324 Milbank Hall	Piia Mustamaki	3	33

THTR V3152 Nazism in Performance. 4 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Prerequisites: Course enrollment limited to 16; permission of instructor given at first class meeting.

Explores the cultivation of national and transnational performances as a significant force of National Socialism, at the same time as challenging the notion of "Nazi Theatre" as monolithic formation. The core of the course inquires into the dialectical analysis of artistic creations in diverse art genres, while working towards an understanding of the

social dramaturgy of such events as staging the Führer and the racialized body of the privileged people. Nazism did not harbor ideologies without benefits for the allied nations. Thus, the dynamic performance of transnationalism among the “brothers in arms” will be included as well, in order to elucidate how works of art crossing into the Third Reich were reimagined, sometimes in ways challenging to the presumed values of the state stage. Fulfills one (of two) required courses in dramatic literature for Theatre/Drama and Theatre Arts major.

THTR V3155 Traditional Indian Theatre. 4 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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. Fulfills one course in World Theatre requirement for Theatre/Drama and Theatre Arts majors.

Spring 2015: THTR V3155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3155	001/03926	F 12:10pm - 2:00pm L1105 Diana Center	Arnab Banerji	4	10

THTR V3156 Modern Asian Performance. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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.

THTR V3165 Theories of Performance Studies. 4 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 fulfills the Theatre/Drama and Theatre Arts major requirement in Drama, Theatre, Theory.

THTR V3166 Drama, Theatre, and Theory. 4 points.

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.

Spring 2015: THTR V3166

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3166	001/03276	T 10:10am - 12:00pm L1105 Diana Center	Hana Worthen	4	10

THTR V3167 Dramaturgy. 4 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 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.

Spring 2015: THTR V3167

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3167	001/03141	T 2:10pm - 4:00pm L1105 Diana Center	Hana Worthen	4	10

THTR V3172 Rehearsal and Performance - Design and Technical. 1-3 points.

Prerequisites: Students working in a design, stage management, or backstage capacity on departmental stage production register for this course. Audition not required, but students must meet with Theatre Department Production Manager, Michael Banta (mbanta@barnard.edu). Students take part in the full production of a play as designers or stage managers. Emphasizes the collaborative nature of production, the acquisition and development of technical and artistic perspectives on production, and appropriate research.

Fall 2014: THTR V3172

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3172	001/00747	F 2:10pm - 5:00pm 118 Milbank Hall	Michael Banta	1-3	17
THTR 3172	002/04868	F 2:10pm - 5:00pm 118 Milbank Hall	Sandra Goldmark	1-3	7
THTR 3172	003/04720	F 2:10pm - 5:00pm 118 Milbank Hall	Kara Feely	1-3	7

Spring 2015: THTR V3172

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3172	001/05957	F 2:10pm - 5:00pm 230 Milbank Hall	Michael Banta	1-3	22
THTR 3172	002/03696	F 2:10pm - 5:00pm 230 Milbank Hall	Kara Feely	1-3	4
THTR 3172	003/09723	F 2:10pm - 5:00pm 230 Milbank Hall	Sandra Goldmark	1-3	14

THTR V3200 Directing I. 3 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.

Fall 2014: THTR V3200

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3200	001/04474	T Th 2:10pm - 4:00pm 229 Milbank Hall	Alice Reagan	3	18

Spring 2015: THTR V3200

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3200	001/04115	M W 2:10pm - 4:00pm Ll200 Diana Center	Sharon Fogarty	3	15

THTR V3201 Directing II. 3 points.

Prerequisites: Students required to have taken THTRV 3200 History and Practice of Directing, THTRV 3203 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 2015: THTR V3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3201	001/02899	M W 10:10am - 12:00pm 229 Milbank Hall	Alice Reagan	3	5

THTR V3202 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.

Fall 2014: THTR V3202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3202	001/09360	M W 11:00am - 12:50pm 229 Milbank Hall	Sharon Fogarty	4	3

THTR V3203 Collaboration: Directing and Design. 3 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 either a course in directing or a course in design for majors. Fulfills requirement for one course in EITHER Directing OR Design for Theatre/Drama and Theatre Arts majors; counts as second or third course in either Directing or Design.

THTR V3250 Performance Lab. 4 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Prerequisites: Enrollment limited to 12 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

In Spring 2012 the course will provide a critical context and embodied understanding of experimental theatre and performance in the United States between 1960 and the present. In the spirit of the critic/practitioners who emerged in this period, students will generate written assignments,

research presentations, and scene work inspired by this artistic movement.

THTR V3300 Playwriting Workshop. 3 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.

Fall 2014: THTR V3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3300	001/02909	Th 2:10pm - 4:00pm L1105 Diana Center	Andrew Bragen	3	10

THTR V3301 Playwriting Lab. 3 points.

Prerequisites: Permission of the instructor and writing sample required.

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.

Spring 2015: THTR V3301

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3301	001/04908	W 4:10pm - 6:00pm L1105 Diana Center	Andrew Bragen	3	3

THTR V3510 Problems in Design. 4 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. Students examine these design elements as both individual and interrelated components of a production. A series of guest artists contribute to understanding the design process, collaboration, and making a design idea a reality on stage. Fulfills one course in Design requirement for Theatre/Drama and Theatre Arts majors.

Fall 2014: THTR V3510

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3510	001/07161	T Th 12:10pm - 2:00pm 230 Milbank Hall	Kara Feely	4	8

THTR V3600 The 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 V3737 Modernism and 20th Century Theatre. 4 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Not Offered During 2014-15 Academic Year.

Prerequisites: Enrollment limited to 16 students. Interdisciplinary study of major European and American theatrical trends since the mid-19th century through readings of drama, theory, and criticism; music listening; video viewings; study of visual art; and excursions to New York performances and museums. Fulfills one (of two) required courses in dramatic literature for Theatre/Drama and Theatre Arts major.

THTR V3997 Senior Thesis: Performance. 4 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 will act in, direct, design, 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 2014: THTR V3997

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3997	001/03156	M 4:10pm - 6:00pm 229 Milbank Hall	Charise Greene	4	5
THTR 3997	002/03882	F 2:10pm - 5:00pm 230 Milbank Hall	Sandra Goldmark	4	3

Spring 2015: THTR V3997

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3997	001/08629	F 2:10pm - 5:00pm 230 Milbank Hall	Alice Reagan	4	3
THTR 3997	002/04815	W 12:10pm - 2:00pm L1105 Diana Center	Andrew Bragen	4	5

THTR 3997	003/02620 T Th 2:10pm - 4:00pm L1200 Diana Center	Kyle deCamp	4	1
THTR 3997	004/09488 F 2:10pm - 5:00pm 230 Milbank Hall	Hana Worthen	4	0
THTR 3997	005/03874 M 4:10pm - 6:00pm 229 Milbank Hall	Charise Greene	4	2

THTR V3998 Senior Thesis: Research. 4 points.

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 2014: THTR V3998

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3998	001/05554		William Worthen	4	0
THTR 3998	002/09448		Shayoni Mitra	4	0

Spring 2015: THTR V3998

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
THTR 3998	001/07475		William Worthen	4	2
THTR 3998	002/09389		Hana Worthen	4	0
THTR 3998	003/04387		Shayoni Mitra	4	1

THTR V3999 Independent Study. 1-4 points.

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

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Lamont-Doherty Earth Observatory; 845-365-8633;
odland@ldeo.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.

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.

FACULTY PROFESSORS

- Wallace S. Broecker
- Mark A. Cane
- Nicholas Christie-Blick
- Joel E. Cohen
- Peter B. de Menocal (Vice Chair)
- Hugh Ducklow
- Peter Eisenberger
- Göran Ekström
- Steven L. Goldstein
- Arnold L. Gordon
- Kevin L. Griffin
- Sidney R. Hemming
- Peter B. Kelemen (Chair)
- Jerry F. McManus
- William H. Menke
- John C. Mutter
- Paul E. Olsen
- Stephanie L. Pfirman (Barnard)
- Terry A. Plank
- Lorenzo M. Polvani
- G. Michael Purdy
- Peter Schlosser
- Christopher H. Scholz
- Adam H. Sobel

- Sean C. Solomon
- Marc W. Spiegelman
- Martin Stute (Barnard)
- David Walker

ASSOCIATE PROFESSORS

- Mark H. Anders
- Sonya Dyhrman
- Arlene M. Fiore
- Bärbel Hönlisch
- Meredith Nettles
- Maria Tolstoy

ASSISTANT PROFESSORS

- Ryan Abernathey
- Tiffany A. Shaw

ADJUNCT PROFESSORS

- Robert F. Anderson
- Roger N. Anderson
- W. Roger Buck IV
- James Gaherty
- James Hansen
- John J. Flynn
- Arthur Lerner-Lam
- Douglas G. Martinson
- Ronald L. Miller
- Mark A. Norell
- Dorothy M. Peteet
- Andrew Robertson
- Joerg M. Schaefer
- Christopher Small
- Taro Takahashi
- Minfang Ting
- Felix Waldhauser
- Spahr C. Webb
- Gisela Winckler

ADJUNCT ASSOCIATE PROFESSORS

- Alessandra Giannini
- Lisa M. Goddard
- Andrew Juhl

ADJUNCT ASSISTANT PROFESSORS

- Natalie Boelman

LECTURERS

- James R. Cochran
- Braddock Linsley

- Bradfield Lyon
- Jacek Chowdhary
- Alberto Malinverno
- Hsien Wang Ou
- Maureen Raymo
- Philipp Ruprecht
- Christopher Zappa

ASSOCIATES

- Anthony Barnston

REQUIREMENTS

GUIDELINES FOR ALL EARTH AND ENVIRONMENTAL SCIENCES 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 courses are not suitable for undergraduates and can not be used toward meeting any of the requirements for the majors, concentrations, or special concentrations:

EESC W4001	Advanced General Geology
EESC W4400	Dynamics of Climate Variability and Climate Change
EESC W4401	Quantitative Models of Climate-Sensitive Natural and Human Systems

EESC W4404	Regional Climate and Climate Impacts
EESC W4930	Earth's Oceans and 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 and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The major in earth science requires a minimum of 45.5 points, distributed as follows:

Foundation Courses

EESC V2200	Earth's Environmental Systems: Solid Earth
EESC V2100 or EESC V2300	Earth's Environmental Systems: Climate Earth's Environmental Systems: Life Systems

Students who wish to take both EESC V2100 Earth's Environmental Systems: Climate and EESC V2300 Earth's Environmental Systems: Life Systems can include one of these under breadth and related fields below.

Supporting Mathematics and Science Courses

MATH V1101 or MATH V1102	Calculus I Calculus II
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Select one of the following three-course sequences:

CHEM C1403 - CHEM W1404 - PHYS V1201	General Chemistry I (Lecture) and General Chemistry II (Lecture) and General Physics
CHEM C1403 - PHYS V1201 - PHYS V1202	General Chemistry I (Lecture) and General Physics and General Physics

Capstone Experience

Select one of the following:

EESC BC3800 - EESC W3901 Senior Research Seminar and Environmental Science Senior Seminar

EESC BC3801 - EESC W3901 Senior Research Seminar and Environmental Science 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 V2100 Earth's Environmental Systems: Climate

EESC V2300 Earth's Environmental Systems: Life Systems

EESC W3010 Field Geology

EESC BC3017 Environmental Data Analysis

EESC W4050 Global Assessment and Monitoring Using Remote Sensing

EESC W4600 Earth Resources and Sustainable Development

EESC W4917 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 V3101

or EESC

V3201

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 W4076 Geologic Mapping

EESC W4090 Introduction to Geochronology and Thermochronology

EESC W4113 Introduction to Mineralogy

EESC W4223 Sedimentary Geology

EESC W4230 Crustal Deformation

EESC W4480 Paleobiology and Earth System History

EESC W4701 Introduction to Igneous Petrology

EESC W4887 Isotope Geology I

EESC W4947 Plate Tectonics

It is strongly recommended that students focusing in geological science take the summer geology field course as their capstone experience.

Geochemistry

EESC W3015 The Earth's Carbon Cycle

EESC BC3016 Environmental Measurements

EESC BC3200 Ecotoxicology

EESC W4090 Introduction to Geochronology and Thermochronology

EESC W4113 Introduction to Mineralogy

EESC W4701 Introduction to Igneous Petrology

EESC W4885 The Chemistry of Continental Waters

EESC W4887 Isotope Geology I

EESC W4926 Principles of Chemical Oceanography

It is recommended that students focusing in geochemistry take CHEM C1403-CHEM C1404 General Chemistry I and II, and PHYS V1201 General Physics I as their supporting science sequence.

Atmosphere and Ocean Science

EESC W4008 Introduction to Atmospheric Science

EESC W4924

EESC W4925 Principles of Physical Oceanography

EESC W4926 Principles of Chemical Oceanography

EESC W4920 Paleoceanography

EESC W4937 Cenozoic Paleoceanography

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 W4230 Crustal Deformation

EESC W4300 The Earth's Deep Interior

EESC W4947 Plate Tectonics

EESC W4949 Introduction to Seismology

It is recommended that students focusing in solid earth geophysics take PHYS V1201-PHYS V1202 General Physics I and II, and CHEM C1403 General Chemistry I as their supporting science sequence and also take MATH V1201 Calculus II.

Climate

EESC W3015 The Earth's Carbon Cycle

EESC BC3025 Hydrology

EESC W4008 Introduction to Atmospheric Science

EESC W4330 Introduction to Terrestrial Paleoclimate

EESC W4835 Wetlands and Climate Change

EESC W4920 Paleocceanography

EESC W4924

EESC W4925 Principles of Physical Oceanography

EESC W4937 Cenozoic Paleocceanography

Paleontology

EESC W4223 Sedimentary Geology

EESC W4480 Paleobiology and Earth System History

EESC W4550 Plant Ecophysiology

EESC W4920 Paleocceanography

EESC W4937 Cenozoic Paleocceanography

It is recommended that students focusing in paleontology take EESC V2300 Earth's Environmental Systems: The Life System, as one of their foundation courses.

EESC W4924 Introduction to Atmospheric Chemistry (Section 1)

MAJOR IN ENVIRONMENTAL SCIENCE

Please read *Guidelines for all Earth and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The major in environmental science requires a minimum of 47 points, distributed as follows:

Foundation Courses

EESC V2100 Earth's Environmental Systems: Climate

EESC V2200 Earth's Environmental Systems: Solid Earth

EESC V2300 Earth's Environmental Systems: Life Systems

Supporting Mathematics and Science Courses

MATH V1101 Calculus I

or MATH V1102 Calculus II

Select one of the following three-course sequences:

CHEM C1403 and General Chemistry I (Lecture) and General Chemistry II (Lecture) and General Physics

- CHEM W1404
- PHYS V1201

CHEM C1403 and General Physics and General Physics

- PHYS V1201
- PHYS V1202

CHEM C1403 and Environmental Biology I: Elements to Organisms and General Physics

- EEBB W2001
- PHYS V1201

Capstone Experience

EESC BC3800 Senior Research Seminar

or EESC BC3801 Senior Research Seminar

EESC W3901 Environmental Science 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 W3010 Field Geology

EESC BC3017 Environmental Data Analysis

EESC W4050 Global Assessment and Monitoring Using Remote Sensing

EESC W4600 Earth Resources and Sustainable Development

EESC W4917 Earth/Human Interactions

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 V3101
or EESC
V3201

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 W4076 Geologic Mapping

EESC W4480 Paleobiology and Earth System History

EAEE E3221 Environmental geophysics

It is recommended that students focusing in environmental geology also take EESC W4050 Remote Sensing.

Environmental Geochemistry

EESC W3015 The Earth's Carbon Cycle

EESC W4885 The Chemistry of Continental Waters

EESC W4887 Isotope Geology I

EESC W4888 Isotope Geology II

EESC W4924

EESC W4926 Principles of Chemical Oceanography

Hydrology

EESC W4076 Geologic Mapping

EESC W4835 Wetlands and Climate Change

EESC W4885 The Chemistry of Continental Waters

EESC Hydrology

BC3025

EAEE E3221 Environmental geophysics

Climate Change

EESC W3015 The Earth's Carbon Cycle

EESC W4008 Introduction to Atmospheric Science

EESC W4330 Introduction to Terrestrial Paleoclimate

EESC W4480 Paleobiology and Earth System History

EESC W4835 Wetlands and Climate Change

EESC W4920 Paleooceanography

It is recommended that students focusing in environmental geology also take EESC W4050 Remote Sensing.

Energy and Resources

EESC W4076 Geologic Mapping

EESC W4701 Introduction to Igneous Petrology

EAEE E2002 Alternative energy resources

CONCENTRATION IN EARTH SCIENCE

Please read *Guidelines for all Earth and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The concentration in earth science requires a minimum of 25 points, distributed as follows:

Foundation Courses

EESC V2200 Earth's Environmental Systems: Solid Earth

EESC V2100 Earth's Environmental Systems: Climate
or EESC Earth's Environmental Systems: Life Systems
V2300

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 V3101
or EESC
V3201

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 and Environmental Sciences Majors, Concentrators, and Special Concentrators* above.

The concentration in environmental science requires a minimum of 25.5 points, distributed as follows:

Foundation Courses

EESC V2200 Earth's Environmental Systems: Solid Earth

EESC V2100 Earth's Environmental Systems: Climate

EESC V2300 Earth's Environmental Systems: Life Systems

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 V3101

or EESC

V3201

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 and Environmental Sciences Majors, Concentrators, and Special Concentrators* 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 V2100 Earth's Environmental Systems: Climate

EESC V2200 Earth's Environmental Systems: Solid Earth

EESC V2300 Earth's Environmental Systems: Life Systems

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 and Environmental Sciences Majors, Concentrators, and Special Concentrators* 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 W2001 Environmental Biology I: Elements to Organisms

EEEB W2002 Environmental Biology II: Organisms to the Biosphere (equivalent to EESC V2300)

EESC V2100 Earth's Environmental Systems: Climate

EESC V2200 Earth's Environmental Systems: Solid Earth

Introductory Science (13 points)

Select one of the following chemistry sequences:

CHEM C1403 General Chemistry I (Lecture) and General Chemistry II (Lecture)
- CHEM W1404

CHEM C1604 Second Semester General Chemistry (Intensive)
- CHEM W2507 and Intensive General Chemistry Laboratory

One term of statistics such as the following:

STAT W1111 Introduction to Statistics (without calculus)

STAT W1211 Introduction to Statistics (with calculus)

BIOL BC2286 Statistics and Research Design

EEEB W3005 Introduction to Statistics for Ecology and Evolutionary Biology

EEEB W3087 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.

Students interested in sustainable development should refer to the *Sustainable Development* section in this Bulletin.

COURSES

FALL 2014

EESC V1003 Climate and Society: Case Studies. 3 points.
CC/GS: Partial Fulfillment of Science Requirement

Explores a series of environmental hazards (ozone depletion, El Nino, global warming) as examples of risk management. For each module, students will learn the scientific principles underlying each hazard and then will examine how social and economic policies were developed and implemented to mitigate the perceived risk.

Fall 2014: EESC V1003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1003	001/28865	M W 10:10am - 11:25am 603 Schermerhorn Hall	Peter deMenocal	3	44

EESC V1011 Earth: Origin, Evolution, Processes, Future. 4 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required

What is the nature of our planet and how did it form? This class explores Earth's internal structure, its dynamical character expressed in plate tectonics and earthquakes, and its climate system. It also explores what Earth's future may hold. Lecture and lab. Students who wish to take only the lectures should register for *V1411*.

Fall 2014: EESC V1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1011	001/62348	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Maria Tolstoy	4	16
EESC 1011	001/62348	Th 4:10pm - 7:00pm 558 Schermerhorn Hall	Maria Tolstoy	4	16

EESC V1411 Earth: Origin, Evolution, Processes, Future: Lectures. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

The lectures of V1011. What is the nature of our planet and how did it form? This class explores Earth's internal structure, its dynamical character expressed in plate tectonics and earthquakes, and its climate system. It also explores what Earth's future may hold.

Fall 2014: EESC V1411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1411	001/22794	T Th 10:10am - 11:25am 603 Schermerhorn Hall	Maria Tolstoy	3	20

EESC W4600 Earth Resources and Sustainable Development. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Discussion Section Required

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.

Fall 2014: EESC W4600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4600	001/72676	T 11:40am - 12:55pm 603 Schermerhorn Hall	Peter Kelemen	3	22
EESC 4600	001/72676	T Th 1:10pm - 2:25pm 312 Mathematics Building	Peter Kelemen	3	22

EESC V2100 Earth's Environmental Systems: Climate. 4.5 points.

BC: Partial Fulfillment of General Education Requirement: Laboratory Science (SCI)., BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA)., Lab Required

Prerequisites: High school algebra. Recommended preparation: High school chemistry/physics, and one semester college science. Enrollment limited.

Studies formation of winds, storms, and ocean currents. Recent influence of human activity: global warming, and climate change. Laboratory exploration of topics through demonstrations, experimentation, computer data analysis, and modeling.

Fall 2014: EESC V2100

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/75588	T Th 10:10am - 11:25am 517 Hamilton Hall	Jerry McManus, Tiffany Shaw	4.5	53
EESC 2100	001/75588	W 4:10pm - 7:00pm 558 Schermerhorn Hall	Jerry McManus, Tiffany Shaw	4.5	53

EESC V2200 Earth's Environmental Systems: Solid Earth. 4.5 points.

BC: Partial Fulfillment of General Education Requirement: Laboratory Science (SCI)., Lab Required

Studies plate tectonics: Origin and development of continents, ocean basins, mountain systems on land and sea. Earthquakes, landslides, volcanoes, diamonds, oil. Land-use planning for resource development and conservation. Laboratory exploration of topics through demonstrations, experimentation, computer data analysis, and modeling.

Fall 2014: EESC V2200

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/16828	T Th 1:10pm - 2:25pm 603 Schermerhorn Hall	Alberto Malinverno, Maria Tolstoy	4.5	30
EESC 2200	001/16828	T 4:10pm - 7:00pm 558 Schermerhorn Hall	Alberto Malinverno, Maria Tolstoy	4.5	30

EESC BC3800 Senior Research Seminar. 3 points.

Prerequisites: Enrollment limited to senior majors (juniors with permission of the instructor). Provides credit for the senior thesis. The Senior Research Seminar can be taken Spring/Fall or Fall/Spring sequence.

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. Prerequisite to EESCW3901.

Fall 2014: EESC BC3800

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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EESC 3800	001/05632	Th 4:10pm - 6:00pm 530 Altschul Hall	Martin Stute	3	43
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EESC W2330 Science for Sustainable Development. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Provides an introduction to natural science approaches essential to understanding central issues of sustainable development. Topics may include: climate, ecology/agriculture/biodiversity, energy, natural disasters, population dynamics, public health and water resources. Treatment includes background, methods and applications from selected settings throughout the world. Taught by specialists in a number of fields.

Fall 2014: EESC W2330

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2330	001/61957	M W 2:40pm - 3:55pm 209 Havemeyer Hall	John Mutter, Kevin Griffin	3	77

EESC W3000 Tutorial Study in Earth and Environmental Sciences. 1-3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: declared major in Earth and environmental sciences and the department's permission. Students with particular interest in one of the many components of the Earth and environmental sciences should approach a director of undergraduate studies during the registration period so that tutorial-level exposure to the subject can be arranged. Each point requires two hours each week of readings, discussion, and research work under the close supervision of a member of the Department of Earth and Environmental Sciences, Lamont-Doherty Earth Observatory, American Museum of Natural History, or Goddard Institute for Space Studies. In consultation with the supervisor, the student selects a topic for intensive study and the time and place of the tutorial discussion sessions. May be repeated for credit up to a maximum of 12 points, with a maximum of 6 points with each staff member.

Fall 2014: EESC W3000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3000	001/61896		Natalie Boelman	1-3	1
EESC 3000	002/96254		Nicholas Christie-Blick	1-3	1/1

EESC W4008 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 2014: EESC W4008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4008	001/68791	Th 10:10am - 12:40pm 558 Schermerhorn Hall	Lorenzo Polvani	3	20

EESC W4050 Global Assessment and Monitoring Using Remote Sensing. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required

Prerequisites: Calculus I and Physics I & II are required for Undergraduates who wish to take this course. Enrollment limited to 24 students. 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. Priority given to graduate students in the natural sciences and engineering. Advanced level undergraduates may be admitted with instructor's permission.

Fall 2014: EESC W4050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4050	001/27262	Th 5:40pm - 6:55pm 417 Schermerhorn Hall	Christopher Small	3	15/24
EESC 4050	001/27262	F 9:00am - 11:00am 558 Schermerhorn Hall	Christopher Small	3	15/24

EESC W4330 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 2014: EESC W4330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4330	001/19314	T Th 10:10am - 11:25am 555 Schermerhorn Hall	Wallace Broecker, Jorg Schaefer	3	17

EESC W4887 Isotope Geology I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Given in alternate years.

Prerequisites: Basic background in chemistry and physics. Introduction to nuclear and radiochemistry, origin of the chemical elements, principles of radiometric dating, processes responsible for the chemical makeup of the solar system and the Earth.

Fall 2014: EESC W4887

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4887	001/25149	T Th 2:40pm - 3:55pm 558 Schermerhorn Hall	Steven Goldstein	3	18

EESC W4917 Earth/Human Interactions. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment: limited to 20. Priority given to senior natural and social science majors, then graduate students. Based upon the most current understanding of our planet our interactions, and how we make decisions, a new knowledge-based "green" framework is developed for our relationship to our planet and to each other as well as its general implications for human stewardship of our planet. This new knowledge-based framework is explored using case studies, class participation, and term papers on specific current scientific and policy issues like global warming that impact the sustainability and resilience of our planet.

Fall 2014: EESC W4917

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4917	001/27311	M W 1:10pm - 2:25pm 555 Schermerhorn Hall	Peter Eisenberger	3	14

EESC W4925 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 2014: EESC W4925

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4925	001/71246	T Th 1:10pm - 2:25pm 555 Schermerhorn Hall	Arnold, Gordon, Ryan Abernathy	3	17

EESC BC1001 Environmental Science I. 4.5 points.

Lab Required

Prerequisites: Prerequisites: Enrollment limited. Students must also sign up for the corresponding lab course, EESC BC1011 to receive credit. Note BC1001 is not required for an environmental policy major. Laboratory fee \$30.

Integrated study of the Hudson River ecosystem and local environment with emphasis on its natural history, physical dynamics, chemistry and pollutant history, energy flow and nutrient cycling and the structure and functioning of ecosystems, and the causes and impact of climate change. Includes readings from Robert Boyle's *The Hudson River: A Natural and Unnatural History*, Rachel Carson's "Flood Tide", Farley Mowat's *Never Cry Wolf*, and Barry Lopez's *Arctic Dreams*.

Fall 2014: EESC BC1001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1001	001/04606	T Th 8:40am - 9:55am 202 Altschul Hall	Peter Bower	4.5	102
EESC 1001	002/04686	T Th 8:40am - 9:55am 202 Altschul Hall	Peter Bower	4.5	0

EESC BC1011 Environmental Science Science I Lab. 0 points.

Lab Required

Corequisites: EESC BC1001

Students enrolled in EESC BC1001 must enroll in this required lab course.

Fall 2014: EESC BC1011

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1011	001/09034	M 10:00am - 12:50pm Room TBA	Terryanne Maenza-Gmelch	0	13/14
EESC 1011	002/07718	M 1:10pm - 4:00pm Room TBA	Terryanne Maenza-Gmelch	0	14/14
EESC 1011	003/05463	T 1:10pm - 4:00pm Room TBA	Terryanne Maenza-Gmelch	0	13/14
EESC 1011	004/02441	W 9:00am - 11:50am Room TBA	Sedelia Rodriguez	0	14/14
EESC 1011	005/00796	W 1:10pm - 4:00pm Room TBA	Sedelia Rodriguez	0	14/14

EESC 1011	006/08031	Th 1:10pm - 4:00pm Room TBA	Terryanne Maenza-Gmelch	0	14/14
EESC 1011	007/04687	F 9:00am - 11:50am Room TBA	Sedelia Rodriguez	0	9/14
EESC 1011	008/09248	F 1:10pm - 4:00pm Room TBA	Sedelia Rodriguez	0	11/14

EESC BC3013 Shorelines. 3 points.

Prerequisites: Prerequisites: Enrollment limited. Four required field trips that take a substantial portion of the day.

An interdisciplinary study of shoreline processes, the larger ecosystems of which they are a part, and the geologic events and human impacts that have brought them through time to their current state. A problem-oriented, field-methods course, providing hands-on experience with tools and observational methods in a variety of outdoor environments. Involves sampling and measurement techniques for rocks and minerals, fossils, water, soil, flora, and fauna, as well as field and laboratory work, data interpretation and analysis, and the creation of a sample collection. Emphasis on the writing process through the reading of Rachel Carson's *The Edge of the Sea*, a daylong field trip to Montauk Point, and the writing of a term essay on the natural history and origin of a grain of garnet found at the top of the dune at Napeague Bay.

Fall 2014: EESC BC3013

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3013	001/08235	F 9:00am - 12:00pm 303 Altschul Hall	Peter Bower	3	7/8

EESC BC3016 Environmental Measurements. 3 points.

Prerequisites: Enrollment limited. Required field trip on first Friday of the semester.

Hands-on approach to learning environmental methods. Students take a one-day cruise on the Hudson River to collect environmental samples. These samples are then analyzed throughout the semester to characterize the Hudson River estuary. Standard and advanced techniques to analyze water and sediment samples for nutrients and contaminants are taught.

Fall 2014: EESC BC3016

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3016	001/06038	M W 2:10pm - 4:00pm 18 Lehman Hall	Brian Mailloux	3	8/12

EESC BC3017 Environmental Data Analysis. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: One year of college science or EESC V2100 or permission of the instructor.

Acquisition, analysis, interpretation, and presentation of environmental data, assessment of spatial and temporal

variability. Focus on water quality issues and storm surges. Uses existing and student-generated data sets. Basic principles of statistics and GIS, uses standard software packages including EXCEL and ArcGIS. Includes a half-day field trip on a Saturday or Sunday. *General Education Requirement: Quantitative and Deductive Reasoning (QUA).*

Fall 2014: EESC BC3017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3017	001/03873	T Th 2:10pm - 4:00pm 18 Lehman Hall	Frank Nitsche	3	24/24

EESC BC3043 Water, Sanitation, and Health. 3 points.

This course focuses on understanding water, sanitation and health in the developing world and how these factors interact to affect people's lives. Specifically, what are the options for providing cleaner water and improved sanitation in order to reduce the incidence of waterborne diseases in the developing world?

Fall 2014: EESC BC3043

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3043	001/07713	M W 10:10am - 11:25am 530 Altschul Hall	Brian Mailloux	3	27

EESC BC3300 Workshop in Sustainable Development. 4 points.

Students address real-world issues in sustainable development by working in groups for an external client agency. Instruction in communication, collaboration, and management; meetings with and presentations to clients and academic community. Projects vary from year to year. Readings in the course are project-specific and are identified by the student research teams.

Fall 2014: EESC BC3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3300	001/05986	T 10:10am - 12:00pm 530 Altschul Hall	Martin Stute	4	8/10
EESC 3300	002/04398	Th 10:10am - 12:00pm 530 Altschul Hall	Martin Stute	4	8/10

OF RELATED INTEREST

Environmental Science (Barnard)

EESC BC3017	Environmental Data Analysis
EESC BC3025	Hydrology
EESC BC3200	Ecotoxicology

Physics

PHYS W3018 Weapons of Mass Destruction

SPRING 2015

EESC BC3801 Senior Research Seminar. 3 points.

Prerequisites: Enrollment limited to senior majors (juniors with permission of the instructor). Provides credit for the senior thesis. The Senior Research Seminar can be taken Spring/Fall or Fall/Spring sequence.

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. Prerequisite to EESC W3901.

Spring 2015: EESC BC3801

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3801	001/03167	Th 4:10pm - 6:00pm 530 Altschul Hall	Martin Stute	3	22

EESC V1053 Planet Earth. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: High school science and mathematics. Enrollment limited to 50. How the Earth works. The unifying concept of plate tectonics is used to examine surface and internal processes in the Earth, including earthquakes, volcanoes, mountain-building, ridge-axis hot springs, formation of continents, renewable and non-renewable energy.

Spring 2015: EESC V1053

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1053	001/16228	M W 10:10am - 11:25am 558 Schermerhorn Hall	Roger Anderson	3	38/50

EESC W1001 Dinosaurs and the History of Life: Lectures and Lab. 4 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required

Prerequisites: Suggested preparation: basic high school science and math.

Given in alternate years. Suggested preparation: basic high school science and math. Lab is a hands-on introduction to geochronology, paleontology, and historical geology with field trips. (See V1401 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? A basic introduction to interface between geology and biology. Science requirement: Partial Fulfillment

Spring 2015: EESC W1001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1001	001/92078	M W 10:10am - 11:25am 517 Hamilton Hall	Paul Olsen	4	20
EESC 1001	001/92078	M 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen	4	20

EESC W1010 Geological Excursion To Death Valley, Ca. 2 points.

Discussion Section Required

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 7. 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: <http://eesc.columbia.edu/courses/v1010/> Discussion Section Required.

Spring 2015: EESC W1010

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1010	001/15946	F 7:00pm - 9:00pm 558 Schermerhorn Hall	Nicholas Christie-Blick	2	20

EESC W1201 Environmental Risks and Disasters. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Discussion Section Required

Prerequisites: High school science and math. First-years and sophomores will have priority. An introduction to risks and hazards in the environment. Different types of hazards are analyzed and compared: natural disasters, such as tornados, earthquakes, and meteorite impacts; acute and chronic health effects caused by exposure to radiation and toxic substances such as radon, asbestos, and arsenic; long-term societal effects due to environmental change, such as sea level rise and global warming. Emphasizes the basic physical principles controlling the hazardous phenomena and develops simple quantitative methods for making scientifically reasoned assessments of the threats (to health and wealth) posed by various events, processes, and exposures. Discusses methods of risk mitigation and sociological, psychological, and economic aspects of risk control and management.

Spring 2015: EESC W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 1201	001/27046	T Th 8:40am - 9:55am 603 Schermerhorn Hall	Goran Ekstrom	3	11

EESC W2100 Earth's Environmental Systems: The Climate System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA)., Lab Required

Prerequisites: high school algebra. Recommended preparation: high school chemistry and physics. Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be reinstated. 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.

Spring 2015: EESC W2100

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2100	001/99696	M W 10:10am - 11:25am 963 Ext Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.5	28
EESC 2100	001/99696	T 4:10pm - 7:00pm 558 Schermerhorn Hall	Mingfang Ting, Gisela Winckler	4.5	28

EESC W2200 Earth's Environmental Systems: The Solid Earth System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Partial Fulfillment of General Education Requirement: Laboratory Science (SCI)., Lab Required

Prerequisites: high school algebra and chemistry. Recommended preparation: high school physics. Priority given to Columbia and Barnard earth science, environmental science, and environmental biology majors should enrollment limits be necessary. A course on how the solid Earth works, today and in the past, focusing on Earth in the Solar system, continents and oceans, the Earth's history, minerals and rocks, weathering and erosion, hydrological cycle and rivers, geochronology, plate tectonics, earthquakes, volcanoes, fossil fuels. Laboratory exploration of topics through examination of rock samples, computer data analysis, field exercises, and modeling.

Spring 2015: EESC W2200

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2200	001/16247	T Th 2:40pm - 3:55pm 603 Schermerhorn Hall	Steven Goldstein, Sidney Hemming	4.5	41
EESC 2200	001/16247	T 4:10pm - 7:00pm 603 Schermerhorn Hall	Steven Goldstein,	4.5	41

Sidney
Hemming

EESC W2300 Earth's Environmental Systems: The Life System. 4.5 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Partial Fulfillment of General Education Requirement:
Laboratory Science (SCI), Lab Required

Prerequisites: high school algebra. Recommended preparation:
high school chemistry and physics.

Priority given to Columbia and Barnard earth science,
environmental science, and environmental biology majors
should enrollment limits be reinstated. 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 V2310. Students should see the Directory of Classes for
lab sessions being offered and select one.

Spring 2015: EESC W2300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2300	001/11700	M W 1:10pm - 2:25pm 517 Hamilton Hall	Paul Olsen, Matthew Palmer, Natalie Boelman	4.5	27

EESC W2310 Earth's Environmental Systems: The Life System Required Lab: Sections 001, 002, 003, 004, 005. 0 points.

Lab Required

Required Lab for V2300

This three hour lab is required of all students who enroll in
EESC W2300. There are currently five lab sections.

Spring 2015: EESC W2310

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 2310	001/23748	W 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen, Natalie Boelman	0	23/24
EESC 2310	002/27197	W 4:10pm - 7:00pm 555 Schermerhorn Hall	Paul Olsen, Natalie Boelman	0	8/24
EESC 2310	003/23330	W 4:10pm - 7:00pm 417 Schermerhorn Hall	Paul Olsen, Natalie Boelman	0	1/24
EESC 2310	004/88016	Th 4:10pm - 7:00pm 603 Schermerhorn Hall	Paul Olsen,	0	22/24

EESC 2310 005/65945 Th 4:10pm - 7:00pm
555 Schermerhorn Hall

Natalie
Boelman
Paul Olsen,
Natalie
Boelman

0 6/24

EESC W3000 Tutorial Study in Earth and Environmental Sciences. 1-3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: declared major in Earth and environmental
sciences and the department's permission.

Students with particular interest in one of the many
components of the Earth and environmental sciences should
approach a director of undergraduate studies during the
registration period so that tutorial-level exposure to the subject
can be arranged. Each point requires two hours each week
of readings, discussion, and research work under the close
supervision of a member of the Department of Earth and
Environmental Sciences, Lamont-Doherty Earth Observatory,
American Museum of Natural History, or Goddard Institute
for Space Studies. In consultation with the supervisor, the
student selects a topic for intensive study and the time and
place of the tutorial discussion sessions. May be repeated for
credit up to a maximum of 12 points, with a maximum of 6
points with each staff member.

Fall 2014: EESC W3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3000	001/61896		Natalie Boelman	1-3	1
EESC 3000	002/96254		Nicholas Christie-Blick	1-3	1/1

EESC W3201 Solid Earth Dynamics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Any 1000-level or 2000-level EESC course;
MATH V1101 (Calculus I) and PHYS V1201 (General
Physics I) or their equivalents. Concurrent enrollment in
PHYS V12101 is acceptable with permission of the instructor.
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 2015: EESC W3201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 3201	001/81550	T Th 11:40am - 12:55pm 555 Schermerhorn Hall	Goran Ekstrom	3	14

EESC W4076 Geologic Mapping. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: Permission from instructor to register for this course.

Fieldwork on weekends in April and two weeks in mid-May immediately following the end of examinations. Enrollment limited. Estimated expense: \$250. The principles and practices of deciphering geologic history through the observation of rocks in the field, mapmaking, construction of geological cross-sections, and short written reports. Graduating undergraduate seniors may have to miss graduation. Please be advised.

EESC W4210 Geophysical Fluid Dynamics. 3 points.

Prerequisites: APMA E3101, APMA E3201 or equivalents and APPH E4200 or equivalent or permission from the instructor. Fundamental concepts in the dynamics of rotating stratified flows. Geostrophic and hydrostatic balances, potential vorticity, f and beta plane approximations, gravity and Rossby waves, geostrophic adjustment and quasigeostrophy, baroclinic and barotropic instabilities.

Spring 2015: EESC W4210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4210	001/80899	T Th 10:10am - 11:25am 555 Schermerhorn Hall	Ryan Abernathy	3	6

EESC W4230 Crustal Deformation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: introductory geology and one year of calculus. Recommended preparation: higher levels of mathematics. Introduction to the deformation processes in the Earth's crust. Fundamental theories of stress and strain; rock behavior in both brittle and ductile fields; earthquake processes; ductile deformation; large-scale crustal contractional and extensional events.

Spring 2015: EESC W4230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4230	001/62620	T Th 10:10am - 11:25am 417 Schermerhorn Hall	Christopher3 Scholz, Benjamin Holtzman	3	9

EESC W4630 Air-sea interaction. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Solid background in mathematics, physics and chemistry. Some background in fluid mechanics (as in EESC W4925/APPH E4200) or instructor's 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 2015: EESC W4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4630	001/64818	T Th 4:10pm - 5:25pm 417 Schermerhorn Hall	Christopher3 Zappa	3	5

EESC W4888 Isotope Geology II. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Introductory Chemistry and Earth Science coursework.

Given in alternate years. This class will be an introduction to the field of stable isotope geochemistry and its application to environmental processes and problems. The utility of stable isotopes as tracers of environmental processes will be examined with respect to the disciplines of paleoclimatology, paleoceanography, hydrology and hydrogeology. We will focus on the light elements and stable isotopes of hydrogen, carbon, oxygen, nitrogen in water, carbonates and organic compounds and why they fractionate in the environment. Radiocarbon as a tracer and dating tool will also be presented. The theoretical background for isotope fractionation will be discussed in class. The mechanics of how mass spectrometers analyze different isotope ratios will be explored during experiments in the laboratory at Lamont-Doherty. Additional key parts of the class will be a review of paper and student-lead reviews of published papers on relevant topics and a review paper.

Spring 2015: EESC W4888

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4888	001/24592	T Th 10:10am - 11:25am 506 Schermerhorn Hall	Braddock Linsley	3	8

EESC W4924 (Section 1) Introduction to Atmospheric Chemistry. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Physics V1201, Chemistry C1403, Calculus III, or equivalent or permission from instructor. EESC V2100 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 2015: EESC W4924 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4924	001/27301	T Th 11:40am - 12:55pm 417 Schermerhorn Hall	Arlene Fiore	3	12

EESC W4926 Principles of Chemical Oceanography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Instructor's permission for students without one year of chemistry. Course open to undergraduates with one year of chemistry.

Given in alternate years. Recommended preparation: a solid background in mathematics, physics, and chemistry. Factors controlling the concentration and distribution of dissolved chemical species within the sea. Application of tracer and natural radioisotope methods to large-scale mixing of the ocean, the geological record preserved in marine sediments, the role of ocean processes in the global carbon cycle, and biogeochemical processes influencing the distribution and fate of elements in the ocean.

Spring 2015: EESC W4926

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4926	001/18381	T Th 1:10pm - 2:25pm 417 Schermerhorn Hall	Robert Anderson	3	23

EESC W4930 Earth's Oceans and Atmosphere. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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.

EESC W4937 Cenozoic Paleooceanography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: College-level geology helpful but not required. Given in alternate years. Enrollment limit: 20; EESC graduate students have priority. 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 paleooceanography 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 2015: EESC W4937

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EESC 4937	001/71090	T Th 2:40pm - 3:55pm 555 Schermerhorn Hall	Peter deMenocal, Maureen Raymo	3	13

GENERALLY ALTERNATE YEAR COURSES

EESC W1001 Dinosaurs and the History of Life: Lectures and Lab

EESC W1401 Dinosaurs and the History of Life: Lectures

EESC W1201 Environmental Risks and Disasters

EESC W4085 Geodynamics

EESC W4300 The Earth's Deep Interior

EESC W3015 The Earth's Carbon Cycle

EESC W4009 Chemical Geology

EESC W4020 Humans and the Carbon Cycle

EESC W4040 Climate Thermodynamics and Energy Transfer

EESC W4090 Introduction to Geochronology and Thermochronology

EESC W4223 Sedimentary Geology

EESC W4330 Introduction to Terrestrial Paleoclimate

EESC W4550 Plant Ecophysiology

EESC W4630 Air-sea interaction

EESC W4701 Introduction to Igneous Petrology

EESC W4835 Wetlands and Climate Change

EESC W4885 The Chemistry of Continental Waters

EESC W4920 Paleooceanography

EESC W4923 Biological Oceanography

EESC W4925 Principles of Physical Oceanography

EESC W4929 Mixing and Dispersion in the Ocean

EESC W4947 Plate Tectonics

EESC W4949 Introduction to Seismology

EAST ASIAN LANGUAGES AND CULTURES

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Director of Undergraduate Studies: Prof. Theodore Hughes,
506 Kent; 212-854-8545; th2150@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 ealac.columbia.edu .

LANGUAGE LABORATORY

An additional hour of study in the language laboratory is required in first-year, second-year, and third-year Chinese, Japanese, and Korean. These courses include the following:

CHNS C1101 First-Year Chinese I - II (N)
- CHNS and First-Year Chinese I - II (N)
C1102

CHNS C1111 First-Year Chinese I and II (W)
- CHNS and First-Year Chinese I and II (W)
C1112

CHNS C1201 Second-Year Chinese I and II (N)
- CHNS and Second-Year Chinese I and II (N)
C1202

CHNS C1221 Second-Year Chinese I and II (W)
- CHNS and Second-Year Chinese I and II (W)
C1222

CHNS W4003 Third-Year Chinese I and II (N)
and Third-Year Chinese I and II (N)
- CHNS W4004

JPNS C1101 First-Year Japanese
- JPNS C1102 and First-Year Japanese

JPNS C1201 Second-Year Japanese
- JPNS C1202 and Second-Year Japanese

JPNS W4005 Third-Year Japanese
- JPNS and Third-Year Japanese
W4006

KORN W1101 First-Year Korean I and II
and First-Year Korean I and II
- KORN W1102

KORN W1201 Second-Year Korean I and II
and Second-Year Korean I and II
- KORN W1202

KORN W4005 Third-Year Korean I and II
and Third-Year Korean I and II
- KORN W4006

Students who plan to take any of the courses listed above 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 25% 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, although not all courses conform to them. Students with questions about the nature of a course should consult with the instructor or the director of undergraduate studies.

- 1000-level: First- and second-year language courses
- 2000-level: Broad introductory undergraduate courses
- 3000-level: Intermediate and advanced undergraduate lectures and seminars
- 4000-level: Third- and fourth-year language courses, and advanced undergraduate seminars, which may be open to graduate students
- 5000-level: Fifth-year language courses

STUDY ABROAD

East Asian Studies majors or concentrators who plan to spend their junior spring abroad must take the required disciplinary and senior-thesis-related courses in the spring of their sophomore year. Contact the director of undergraduate studies for details.

The Kyoto Center for Japanese Studies

The Kyoto Center offers Columbia students the opportunity of study in Japan in a program combining intensive instruction in the Japanese language with courses taught in English on a wide range of topics in Japanese studies. Students should have at least the equivalent of two years of Japanese by the time of their departure. The program is most appropriate for the junior year, though other arrangements are considered.

East Asian Studies majors or concentrators who opt to spend their junior spring at the Kyoto Center must take the required disciplinary and senior thesis-related courses in the spring of their sophomore year (contact the director of undergraduate studies for details). For further information about the Kyoto Center, please consult Robin Leephaibul: rl2705@columbia.edu .

GRADING

Courses in which the grade of D or P has been received do not count toward the major or concentration requirements.

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 the graduating majors in the department each year receive departmental honors. Concentrators are not eligible for departmental honors.

FACULTY

SPECIAL SERVICE PROFESSORS

- William Theodore de Bary (John Mitchell Mason Professor and Provost Emeritus of the University)
- Donald Keene (Shincho Professor Emeritus)

PROFESSORS

- Paul Anderer
- Charles Armstrong (History)
- Bernard Faure
- Carol Gluck (History)
- Robert E. Harrist Jr. (Art History)
- Robert Hymes

- Dorothy Ko (Barnard History)
- Gari Ledyard (*emeritus*)
- Feng Li
- Lydia Liu
- Rachel McDermott (Barnard)
- Wei Shang
- Haruo Shirane (Chair)
- Henry Smith (*emeritus*)
- Tomi Suzuki
- Chun-Fang Yu (*emeritus*)
- Madeleine Zelin

ASSOCIATE PROFESSORS

- Lisbeth Kim Brandt
- Michael Como (Religion)
- Theodore Hughes
- Matthew McKelway (Art History)
- Adam McKeown (History)
- Eugenia Lean
- David Lurie
- David (Max) Moerman (Barnard)
- Gregory Pflugfelder
- Jonathan Reynolds (Art History, Barnard)
- Gray Tuttle

ASSISTANT PROFESSORS

- Hikari Hori
- Jue Guo (Barnard)
- Jungwon Kim
- Annabella Pitkin (Barnard)
- Ying Qian
- Zhaohua Yang (Religion)

ADJUNCT FACULTY

- Robert Barnett
- Shi-yan Chao
- Rachel Chung
- Selcuk Esenbel
- Harry Harootunian
- Masato Hasegawa
- Laurel Kendall
- Tuo Li
- Yucai Liu
- Morris Rossabi
- Gopal Sukhu

SENIOR SCHOLARS

- Mason Gentzler
- Conrad Schirokauer

SENIOR LECTURERS

- Shigeru Eguchi
- Lening Liu
- Yuan-Yuan Meng
- Fumiko Nazikian
- Miharu Nittono
- Carol Schulz
- Zhirong Wang

LECTURERS

- Mei-I Chiang
- Lingjun Hu
- James Lap
- Beom Lee
- Xin Li
- Kyoko Loetscher
- Keiko Okamoto
- Jisuk Park
- Shaoyan Qi
- Zhongqi Shi
- Sunhee Song
- Qiuyu Tan
- Naofumi Tatsumi
- Sonam Tsering
- Hailong Wang
- Yoshiko Watanabe
- Chen Wu
- Hanyu Xiao
- Jia Xu
- Ling Yan
- Hyunkyu Yi
- Yuanyuan Zhang

REQUIREMENTS

MAJOR IN EAST ASIAN STUDIES

Prerequisite

Students must meet the following prerequisite prior to declaring the East Asian Studies major: Two years of Chinese, Japanese, Korean, or Tibetan, or the proficiency equivalent (to be demonstrated by placement examination).

Language Requirement

Third-year Chinese, Japanese, Korean, or Tibetan (completion of the *W4005-W4006* level in Chinese, Japanese, or Korean; *TIBT G4611-G4612* level in Tibetan), or the proficiency equivalent (to be demonstrated by placement examination). Students of Chinese may also complete *W4003N-W4004N* to meet the third year requirement.

One of the following sequences (in the target language):

CHNS W4005 - CHNS W4006	Third-Year Chinese I and II (W) and Third-Year Chinese I and II (W)
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Or, for heritage students:

CHNS W4003 - CHNS W4004	Third-Year Chinese I and II (N) and Third-Year Chinese I and II (N)
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JPNS W4005 - JPNS W4006	Third-Year Japanese and Third-Year Japanese
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KORN W4005 - KORN W4006	Third-Year Korean I and II and Third-Year Korean I and II
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TIBT G4611 - TIBT G4612	Third Year Modern Colloquial Tibetan I and II and Third Year Modern Colloquial Tibetan I and II
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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 V3400	Colloquium on Major Texts: East Asia
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Students must also select two of the following:

ASCE V2359	Introduction to East Asian Civilizations: China
ASCE V2361	Introduction to East Asian Civilization: Japan
ASCE V2363	Introduction to East Asian Civilizations: Korea
ASCE V2365	Introduction to East Asian Civilizations: Tibet

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.

Disciplinary Specialty

On entering the major, each student must choose an academic discipline from among the following: history, literature, anthropology, art history, economics, philosophy, political science, religion, or sociology.

Depending on the chosen discipline, each student must complete a specific number of disciplinary courses. Normally, one of these courses is a basic introductory or methodology

course, and the others are more specialized East Asia–related courses in the chosen discipline.

Students intending to study abroad during their junior year should consult with the Director of Undergraduate Studies at the beginning of their sophomore year. Study abroad students should take the appropriate methodology course for their discipline in the spring of their sophomore year.

Courses in closely related disciplines may be substituted with the approval of the director of undergraduate studies. Course requirements by disciplinary specialty are as follows:

History

HSEA W4890	Historiography of East Asia
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Two other courses on East Asia–related historical topics

Literature

CLEA W4101	Literary and Cultural Theory East and West (in the spring term of the junior year)
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Two other courses on East Asia–related literary topics

Art History, Philosophy, Religion

An introductory theory or method course from the corresponding department

Two courses on East Asia–related topics in the chosen discipline

Anthropology, Sociology

EAAS W4102	Critical Approaches to East Asia in the Social Sciences (in the spring term of the junior year)
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Two other courses on East Asia–related topics in the chosen discipline

Political Science, Economics

EAAS W4102	Critical Approaches to East Asia in the Social Sciences (in the spring term of the junior year)
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Three other courses on East Asia–related topics in the chosen discipline

Elective Courses

For students specializing in history, literature, anthropology, art history, philosophy, religion, or sociology, two courses. For students specializing in economics or political science, one course. Courses are to be chosen in consultation with the director of undergraduate studies. East Asia–related courses offered in other departments may be counted toward the elective requirement. 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 of the two elective requirements, but placement examinations may not be used to do so.

Senior Thesis Program

East Asian Studies majors who wish to write a senior thesis must have at least a 3.6 GPA in East Asian Studies courses

at the end of the junior year. Qualified students who wish to write a Senior Thesis must contact the Director of Undergraduate Studies by May 30 of the year in which they will enter the Senior Thesis Program.

All potential thesis writers are required to enroll in the Senior Thesis Research Workshop (EAAS V3999) 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 W3901).

Successful completion of the thesis by the early April deadline will be necessary but not sufficient for a student to receive Departmental Honors. Because honors can be awarded to a maximum of 10% of the majors, 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, or Tibetan, or the proficiency equivalent (to be demonstrated by placement examination).

Language Requirement

Third-year Chinese, Japanese, Korean, or Tibetan (completion of the *W4005-W4006* level in Chinese, Japanese, or Korean; *TIBT G4611-G4612* level in Tibetan), or the proficiency equivalent (to be demonstrated by placement examination). Students of Chinese may also complete *W4003N-W4004N* to meet the third year requirement.

One of the following sequences (in the target language):

CHNS W4005 - CHNS W4006	Third-Year Chinese I and II (W) and Third-Year Chinese I and II (W)
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Or, for heritage students:

CHNS W4003 - CHNS W4004	Third-Year Chinese I and II (N) and Third-Year Chinese I and II (N)
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JPNS W4005 - JPNS W4006	Third-Year Japanese and Third-Year Japanese
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KORN W4005 - KORN W4006	Third-Year Korean I and II and Third-Year Korean I and II
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TIBT G4611 Third Year Modern Colloquial Tibetan I
- TIBT G4612 and II
and Third Year Modern Colloquial
Tibetan I and II

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

AHUM Colloquium on Major Texts: East Asia
V3400

Select one of the following:

ASCE V2359	Introduction to East Asian Civilizations: China
ASCE V2361	Introduction to East Asian Civilization: Japan
ASCE V2363	Introduction to East Asian Civilizations: Korea
ASCE V2365	Introduction to East Asian Civilizations: Tibet

Electives

Two courses in East Asian Studies at Columbia or Barnard at the 3000- or 4000-level, subject to approval by the director of undergraduate studies. Concentrators may count Classical Chinese, Classical Japanese or Classical Tibetan as one of the electives for this requirement.

Concentrators are not eligible for the Senior Thesis Program or for Departmental Honors.

COURSES

NOTE: Courses without scheduling information are not offered during this current semester. Please also consult the Directory of Classes (<http://www.columbia.edu/cu/bulletin/uwb>) for course information before emailing the contact below.

For questions, please contact: Joshua Gottesman
(jdg2167@columbia.edu).

ASCE V2002 Introduction to Major Topics in Asian Civilizations: East Asia. 4 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 2014: ASCE V2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ASCE 2002	001/29133	M W 1:10pm - 2:25pm 607 Hamilton Hall	Jennings Gentzler	4	21/25
ASCE 2002	002/26253	T Th 11:40am - 12:55pm 707 Hamilton Hall	Sixiang Wang, Allison Bernard	4	16/25
ASCE 2002	003/61352	M W 2:40pm - 3:55pm 613 Hamilton Hall	Zhaohua Yang	4	17/20

Spring 2015: ASCE V2002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2002	001/23120	M W 11:40am - 12:55pm H1-2 Heyman Center For Humanities	Conrad Schirokauer	4	20/25
ASCE 2002	002/68560	M W 1:10pm - 2:25pm 607 Hamilton Hall	Jennings Gentzler	4	24/25

ASCE V2359 Introduction to East Asian Civilizations: China. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

The evolution of Chinese civilization from ancient times to the twentieth century, with emphasis on characteristic institutions and traditions.

Fall 2014: ASCE V2359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2359	001/02981	M W 10:10am - 11:25am L1104 Diana Center	Jue Guo	4	42

Spring 2015: ASCE V2359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2359	001/63069	M W 10:10am - 11:25am 5 Kraft Center	Feng Li	4	73/102

ASCE V2361 Introduction to East Asian Civilization: Japan. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

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 2014: ASCE V2361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2361	001/26959	M W 4:10pm - 5:25pm 501 Northwest Corner	David Lurie	4	95/110

Spring 2015: ASCE V2361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2361	001/27629	M W 4:10pm - 5:25pm 517 Hamilton Hall	Gregory Pflugfelder	4	72/95

ASCE V2363 Introduction to East Asian Civilizations: Korea. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

The evolution of Korean society and culture, with special attention to Korean values as reflected in thought, literature, and the arts.

Fall 2014: ASCE V2363

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2363	001/19893	M W 10:10am - 11:25am 501 Schermerhorn Hall	Charles Armstrong	4	81

ASCE V2365 Introduction to East Asian Civilizations: Tibet. 4 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 2014: ASCE V2365

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2365	001/10526	T Th 1:10pm - 2:25pm 614 Schermerhorn Hall	Gray Tuttle	4	80/105

AHUM V3400 Colloquium on Major Texts: East Asia. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: Literature (LIT)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

AHUM V3399 and *AHUM V3400* form a sequence but either may be taken separately. *AHUM V3399* may also be taken as part of a sequence with *AHUM V3830*. Readings in translation and discussion of texts of Middle Eastern, Indian, Chinese, and Japanese origin, including the Analects of Confucius, Mencius, Lao Tzu, Chuang Tzu, the Lotus Sutra, Dream of the Red Chamber, Tale of Genji, Zen literature, Noh plays, bunraku (puppet) plays, Chinese and Japanese poetry.

Fall 2014: AHUM V3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3400	001/18053	T 4:10pm - 6:00pm 707 Hamilton Hall	Paul Anderer	4	23/25
AHUM 3400	003/67732	M 4:10pm - 6:00pm 424 Kent Hall	Rachel Chung	4	20/25

AHUM 3400	004/12529	W 12:10pm - 2:00pm Hl-2 Heyman Center For Humanities	Conrad Schirokauer	4	21/25
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Spring 2015: AHUM V3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3400	001/06349	T 10:10am - 12:00pm 502 Diana Center	Jue Guo	4	17/25
AHUM 3400	002/08631	T 10:10am - 12:00pm 302 Lehman Hall	David Moerman	4	18/25
AHUM 3400	003/12125	M 2:10pm - 4:00pm Hl-2 Heyman Center For Humanities	Wm Theodore De Bary	4	25/25

AHUM V3340 Art In China, Japan, and Korea. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

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 2014: AHUM V3340

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3340	001/19457	M W 10:10am - 11:25am 832 Schermerhorn Hall	Dawn Delbanco	3	29/30

AHUM W4027 Colloquium On Major Works of Chinese Philosophy, Religion, and Literature. 4 points. Not Offered During 2014-15 Academic Year.

Prerequisites: AHUM V3400, ASCE V2359, or ASCE V2002.

Extends the work begun in *AHUM V3400* by focusing on reading and discussion of major works of Chinese philosophy, religion, and literature, including important texts of Confucian, Daoist, Mohist, Legalist, Huang-Lao, and neo-Daoist traditions and recently discovered texts. Forms a sequence with *AHUM W4028*, but may also be taken separately.

AHUM W4029 Colloquium on Major Works of Japanese Philosophy, Religion, and Literature. 4 points. Not Offered During 2014-15 Academic Year.

Prerequisites: *AHUM 3400*, *ASCE V2361*, or *ASCE V2002*. Reading and discussion of major works of Chinese philosophy, religion, and literature, including important texts of the Buddhist and Neo-Confucian traditions. Sequence with AHUM W4030, but either may be taken separately if the student has adequate preparation.

AHUM V3830 Colloquium On Modern East Asian Texts. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

AHUM V3400 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.

Spring 2015: AHUM V3830

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3830	001/60098	Th 2:10pm - 4:00pm 522c Kent Hall	Tomi Suzuki	4	20/25

CHNS C1101 First-Year Chinese I - II (N). 5 points.

Additional weekly oral session and lab to be arranged.

Additional weekly oral session and lab to be arranged. The course is designed to develop basic skills in understanding, speaking, reading, and writing modern colloquial Chinese. Standard Chinese pronunciation, traditional characters.

Students who already can speak Mandarin will not be accepted into this course. Enrollment limited to 18. Section subject to cancellation if under-enrolled. CC GS EN CE

Fall 2014: CHNS C1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1101	001/13515	M T W Th 8:50am - 9:55am 424 Kent Hall	Jia Xu	5	10/18
CHNS 1101	002/75164	M T W Th 10:10am - 11:15am 424 Kent Hall	Xiaodan Wang	5	13/18
CHNS 1101	003/61253	M T W Th 11:40am - 12:45pm 424 Kent Hall	Ling Yan	5	16/18
CHNS 1101	004/63728	M T W Th 1:10pm - 2:15pm 411 Kent Hall	Lingjun Hu	5	12/18
CHNS 1101	005/63627	M T W Th 1:10pm - 2:15pm 424 Kent Hall	Yuanyuan Zhang	5	10/18
CHNS 1101	006/15199	M T W Th 4:10pm - 5:15pm 411 Kent Hall	Ling Yan	5	16/18
CHNS 1101	007/66445	M T W Th 6:10pm - 7:15pm 424 Kent Hall	Mei-I Chiang	5	3/18

CHNS C1102 First-Year Chinese I - II (N). 5 points.

Additional weekly oral session and lab to be arranged.

Additional weekly oral session and lab to be arranged. The course is designed to develop basic skills in understanding, speaking, reading, and writing modern colloquial Chinese.

Standard Chinese pronunciation, traditional characters.

Students who already can speak Mandarin will not be accepted into this course. Enrollment limited to 18. Section subject to cancellation if under-enrolled. CC GS EN CE

Spring 2015: CHNS C1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1102	001/61438	M T W Th 2:40pm - 3:45pm 423 Kent Hall	Chen Wu	5	11/20
CHNS 1102	002/10163	M T W Th 8:50am - 9:55am 424 Kent Hall	Jia Xu	5	9/20
CHNS 1102	003/20192	M T W Th 10:10am - 11:15am 424 Kent Hall	Xiaodan Wang	5	19/20
CHNS 1102	004/11291	T Th 11:40am - 12:45pm 423 Kent Hall	Mei-I Chiang	5	7/20
CHNS 1102	004/11291	M W 11:40am - 12:45pm 424 Kent Hall	Mei-I Chiang	5	7/20
CHNS 1102	005/23455	M T W Th 1:10pm - 2:15pm 405 Kent Hall	Yuanyuan Zhang	5	9/20
CHNS 1102	006/66872	M T W Th 1:10pm - 2:15pm 424 Kent Hall	Lingjun Hu	5	11/20
CHNS 1102	007/75189	M T W Th 4:10pm - 5:15pm 411 Kent Hall	Ling Yan	5	17/20

CHNS C1111 First-Year Chinese I and II (W). 5 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.** Enrollment limited to 25. CC GS EN CE

Fall 2014: CHNS C1111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1111	001/14427	M W F 10:10am - 11:25am 423 Kent Hall	Mei-I Chiang	5	13/18
CHNS 1111	002/65389	T Th F 4:10pm - 5:25pm 424 Kent Hall	Hailong Wang	5	16/18

CHNS C1112 First-Year Chinese I and II (W). 5 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.

Enrollment limited to 25. CC GS EN CE

Spring 2015: CHNS C1112

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1112	001/61207	M W F 10:10am - 11:25am 405 Kent Hall	Mei-I Chiang	5	16/20
CHNS 1112	002/63032	M W F 4:10pm - 5:25pm 522d Kent Hall	Hailong Wang	5	9/20

CHNS C1201 Second-Year Chinese I and II (N). 5 points.

Additional weekly oral session and lab to be arranged.

Prerequisites: Chinese C1101-1102 or F1101-1102, or the equivalent. See Admission to Language Courses. Designed to further the student's four skills acquired in the elementary course, this program aims to develop higher level of proficiency through comprehensive oral and written exercises. Cultural aspects in everyday situations are introduced. Traditional characters. Enrollment limited to 18. Section subject to cancellation if under-enrolled. CC GS EN CE

Fall 2014: CHNS C1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1201	001/19986	M T W Th 10:10am - 11:15am 411 Kent Hall	Shaoyan Qi	5	17/18
CHNS 1201	002/25361	M T W Th 11:40am - 12:45pm 411 Kent Hall	Xiaodan Wang	5	19/18
CHNS 1201	003/20345	M T W Th 2:40pm - 3:45pm 411 Kent Hall	Hanyu Xiao	5	15/18
CHNS 1201	004/70329	M T W Th 4:10pm - 5:15pm 405 Kent Hall	Rong Jiang	5	12/18

CHNS C1202 Second-Year Chinese I and II (N). 5 points.

Additional weekly oral session and lab to be arranged.

Prerequisites: Chinese C1101-1102 or F1101-1102, or the equivalent. See Admission to Language Courses. Designed to further the student's four skills acquired in the elementary course, this program aims to develop higher level of proficiency through comprehensive oral and written exercises. Cultural aspects in everyday situations are introduced. Traditional characters. Enrollment limited to 18. Section subject to cancellation if under-enrolled. CC GS EN CE

Spring 2015: CHNS C1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1202	001/17201	M T W Th 10:10am - 11:15am	Shaoyan Qi	5	10/18

CHNS 1202	002/10239	M T W Th 11:40am - 12:45pm 411 Kent Hall	Xiaodan Wang	5	16/18
CHNS 1202	003/22444	M T W Th 2:40pm - 3:45pm 411 Kent Hall	Hanyu Xiao	5	19/18
CHNS 1202	004/72431	M T W Th 4:10pm - 5:15pm 405 Kent Hall	Rong Jiang	5	11/18

CHNS C1221 Second-Year Chinese I and II (W). 5 points.

Prerequisites: *CHNS C1112* or *F1112*, or the equivalent. See Admission to Language Courses.

Enrollment limited to 25. Continuation of *CHNS C1112*, with a focus on reading comprehension and written Chinese. Traditional characters. CC GS EN CE

Fall 2014: CHNS C1221

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1221	001/60798	M W F 10:10am - 11:25am 405 Kent Hall	Jia Xu	5	13/18

CHNS C1222 Second-Year Chinese I and II (W). 5 points.

Prerequisites: *CHNS C1112* or *F1112*, or the equivalent. See Admission to Language Courses.

Enrollment limited to 25. Continuation of *CHNS C1112*, with a focus on reading comprehension and written Chinese. Traditional characters. CC GS EN CE

Spring 2015: CHNS C1222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1222	001/17085	M W F 10:10am - 11:25am 423 Kent Hall	Jia Xu	5	10/18

CHNS F1101 First-Year Chinese I-II (N). 5 points.

Additional weekly oral session and lab to be arranged.

Additional weekly oral session and lab to be arranged. Instructors to be announced. Same course as C1101x-C1102y (N). **Students who can speak Mandarin will not be accepted into this course.** Enrollment limited to 20. Section subject to cancellation if under-enrolled. CC GS EN CE

CHNS F1102 First-Year Chinese I-II (N). 5 points.

Additional weekly oral session and lab to be arranged.

Additional weekly oral session and lab to be arranged. Instructors to be announced. Same course as C1101x-C1102y (N). **Students who can speak Mandarin will not be accepted into this course.** Enrollment limited to 20. Section subject to cancellation if under-enrolled. CC GS EN CE

CHNS F1201 Second-Year Chinese I-II (N). 5 points.

Additional weekly oral session and lab to be arranged.

Prerequisites: Chinese C1101-1201 or F1101-1102, or the equivalent. See Admission to Languages Courses.
Same course as C1201x-C1202y. Enrollment limited to 18.
CC GS EN CE

Fall 2014: CHNS F1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1201	001/21634	M T W Th 6:10pm - 7:15pm 522b Kent Hall	Yuanyuan Zhang	5	7/18

CHNS F1202 Second-Year Chinese I-II (N). 5 points.

Additional weekly oral session and lab to be arranged.

Prerequisites: Chinese C1101-1201 or F1101-1102, or the equivalent. See Admission to Languages Courses.
Same course as C1201x-C1202y. Enrollment limited to 18.
CC GS EN CE

Spring 2015: CHNS F1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1202	001/68103	M T W Th 6:10pm - 7:15pm 423 Kent Hall	Yuanyuan Zhang	5	12/18

CHNS G4015 Fourth-Year Chinese I and II (N). 4 points.

Prerequisite for *G4015*: *CHNS W4004* or the equivalent.
Prerequisite for *G4016*: *CHNS G4015* or the equivalent.
Implements a wide range of reading materials to enhance the student's speaking and writing as well as reading skills. Supplemented by television broadcast news, also provides students with strategies to increase their comprehension of formal style of modern Chinese. CC GS EN CE

Fall 2014: CHNS G4015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4015	001/61533	M T W Th 10:00am - 10:50am 522c Kent Hall	Yuan-Yuan Meng	4	12/15
CHNS 4015	002/23171	M W Th 6:10pm - 7:25pm 405 Kent Hall	Ling Yan	4	16/15

CHNS G4016 Fourth-Year Chinese I and II (N). 4 points.

Prerequisite for *G4015*: *CHNS W4004* or the equivalent.
Prerequisite for *G4016*: *CHNS G4015* or the equivalent.
Implements a wide range of reading materials to enhance the student's speaking and writing as well as reading skills. Supplemented by television broadcast news, also provides students with strategies to increase their comprehension of formal style of modern Chinese. CC GS EN CE

Spring 2015: CHNS G4016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4016	001/24192	M T W Th 10:00am - 10:50am 522c Kent Hall	Yuan-Yuan Meng	4	8/15
CHNS 4016	002/89530	M W Th 6:10pm - 7:25pm 405 Kent Hall	Ling Yan	4	11/15

CHNS W1010 Introductory Chinese I (N). 2.5 points.

The program is designed to develop basic skills in listening, speaking, reading and writing colloquial Chinese. This course (Part I) is offered in Spring only. Course II is offered in the fall. The two parts together cover the same materials as Chinese C1101/F1101 (Fall) and fulfill the requirement for admission to Chinese C1102/F1102 (Spring). Standard Chinese pronunciation, traditional characters. Enrollment limited to 18. Section subject to cancellation if under-enrolled.
CC GS EN CE

Spring 2015: CHNS W1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1010	001/13633	M W 8:50am - 9:55am 423 Kent Hall	Hanyu Xiao	2.5	10/20
CHNS 1010	002/17926	M W 11:40am - 12:45pm 405 Kent Hall	Shaoyan Qi	2.5	8/15
CHNS 1010	003/18272	T Th 8:50am - 9:55am 522d Kent Hall	Hanyu Xiao	2.5	9/15
CHNS 1010	004/11976	T Th 11:40am - 12:45pm 405 Kent Hall	Shaoyan Qi	2.5	15/20

CHNS W1011 Introductory Chinese II (Courses A and B) (N). 2.5 points.

Prerequisites: *Chinese W1010y* (offered in the Spring only) or the equivalent.

The program is designed to develop basic skills in listening, speaking, reading and writing colloquial Chinese. This course (Part II) is offered in the Fall only. The two parts (I and II) together cover the same materials as Chinese C1101/F1101 (Fall) and fulfill the requirement for admission to Chinese C1102/F1102 (Spring). Standard Chinese pronunciation, traditional characters. Enrollment limited to 18. Section subject to cancellation if under-enrolled. CC GS EN CE

Fall 2014: CHNS W1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 1011	001/67977	M W 8:50am - 9:55am 423 Kent Hall	Hanyu Xiao	2.5	14/15
CHNS 1011	002/11144	M W 11:40am - 12:55pm 423 Kent Hall	Hanyu Xiao	2.5	8/15

CHNS W3301 Introduction To Classical Chinese. 3 points.

Prerequisites: CHNS W3301: Classical Chinese I; completion of three years of modern Chinese at least, or four years of Japanese or Korean

Fall 2014: CHNS W3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3301	001/64646	M W F 11:00am - 11:50am 402 Hamilton Hall	Chen Wu	3	8/15

CHNS W3302 Introduction To Classical Chinese. 3 points.

Prerequisites: CHNS W3301: Classical Chinese I; completion of three years of modern Chinese at least, or four years of Japanese or Korean

Spring 2015: CHNS W3302

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 3302	001/29989	F 11:00am - 11:50am 522d Kent Hall	Feng Li	3	7/18
CHNS 3302	001/29989	M W 3:10pm - 4:00pm 522a Kent Hall	Feng Li	3	7/18

CHNS W4003 Third-Year Chinese I and II (N). 5 points.

Enrollment limited to 15. Prerequisite for *W4003: CHNS C1202* or *F1202*, or the equivalent. Prerequisite for *W4004: CHNS W4003* or the equivalent. See Admission to Language Courses. This course fulfills the language requirement for east Asian studies majors. Prepares for more advanced study of Chinese through rigorous vocabulary expansion, more sophisticated language usage patterns, and introduction to basics of formal and literary styles. Materials are designed to advance the student's fluency for everyday communicative tasks as well as reading skills. Simplified characters are introduced. CC GS EN CE

Fall 2014: CHNS W4003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4003	001/71570	M T W Th 8:50am - 9:55am 522b Kent Hall	Zhirong Wang	5	9/15
CHNS 4003	002/67252	M T W Th 10:10am - 11:15am 522b Kent Hall	Zhirong Wang	5	5/15
CHNS 4003	003/62087	M T W Th 11:40am - 12:45pm 522b Kent Hall	Zhongqi Shi	5	15/15
CHNS 4003	004/28150	M T W Th 4:10pm - 5:15pm 522b Kent Hall	Lingjun Hu	5	13/15
CHNS 4003	005/22384	M T W Th 6:10pm - 7:15pm 522a Kent Hall	Rong Jiang	5	4/15

CHNS W4004 Third-Year Chinese I and II (N). 5 points.

Enrollment limited to 15. Prerequisite for *W4003: CHNS C1202* or *F1202*, or the equivalent. Prerequisite for *W4004: CHNS W4003* or the equivalent. See Admission to Language Courses. This course fulfills the language requirement for east Asian studies majors. Prepares for more advanced study of Chinese through rigorous vocabulary expansion, more sophisticated language usage patterns, and introduction to basics of formal and literary styles. Materials are designed to advance the student's fluency for everyday communicative tasks as well as reading skills. Simplified characters are introduced. CC GS EN CE

Spring 2015: CHNS W4004

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4004	001/12894	M T W Th 8:50am - 9:55am 522b Kent Hall	Zhirong Wang	5	13/15
CHNS 4004	003/22939	M T W Th 11:40am - 12:45pm 522c Kent Hall	Zhongqi Shi	5	9/15
CHNS 4004	004/70583	M T W Th 4:10pm - 5:15pm 522b Kent Hall	Lingjun Hu	5	8/15
CHNS 4004	005/61495	M T W Th 6:10pm - 7:15pm 522a Kent Hall	Rong Jiang	5	6/15

CHNS W4005 Third-Year Chinese I and II (W). 5 points.

Enrollment limited to 25. Prerequisite for *W4005: CHNS C1222* or *F1222*, or the equivalent. Prerequisite for *W4006: 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.

Fall 2014: CHNS W4005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4005	001/20820	M W F 10:10am - 11:25am 652 Schermerhorn Hall	Hailong Wang	5	7/18

CHNS W4006 Third-Year Chinese I and II (W). 5 points.

Enrollment limited to 25. Prerequisite for *W4005: CHNS C1222* or *F1222*, or the equivalent. Prerequisite for *W4006: 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 2015: CHNS W4006

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4006	001/69195	M W F 10:10am - 11:25am 309 Hamilton Hall	Hailong Wang	5	10/18

CHNS W4007 Readings in Classical Chinese. 4 points.

Prerequisite for W4007: CHNS W3302 or the equivalent.
Prerequisite for W4008: 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

Fall 2014: CHNS W4007

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4007	001/70059	T Th 10:10am - 11:25am 423 Kent Hall	Wei Shang	4	19/25

CHNS W4008 Readings in Classical Chinese. 4 points.

Prerequisite for W4007: CHNS W3302 or the equivalent.
Prerequisite for W4008: 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 2015: CHNS W4008

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4008	001/20803	T Th 10:10am - 11:25am 423 Kent Hall	Gopal Sukhu	4	15/25

CHNS W4012 Business Chinese. 5 points.

Prerequisites: Two years 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

Fall 2014: CHNS W4012

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4012	001/71992	M T W Th 10:00am - 10:50am 507 Hamilton Hall	Zhongqi Shi	5	11/15

CHNS W4013 Business Chinese. 4 points.

Prerequisites: Prerequisites: Two years 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 2015: CHNS W4013

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4013	001/70134	M T W Th 10:00am - 10:50am 507 Hamilton Hall	Zhongqi Shi	4	11/15

CHNS W4014 Media Chinese. 4 points.

Prerequisites: At least 3 years of intensive Chinese language training at college level and instructor approval.
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 2014: CHNS W4014

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4014	001/26272	M T W Th 12:00pm - 12:50pm 254 International Affairs Bldg	Yuan-Yuan Meng	4	11/15

CHNS W4017 Readings In Modern Chinese I and II (W) (Level 4). 4 points.

Prerequisites: Prerequisite for W4017: CHNS W4006 or the equivalent.
Prerequisite for W4018: 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.

Fall 2014: CHNS W4017

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4017	001/95847	M W F 1:10pm - 2:25pm 522a Kent Hall	Chen Wu	4	8/18

CHNS W4018 Readings In Modern Chinese I and II (W) (Level 4). 4 points.

Prerequisites: Prerequisite for W4017: CHNS W4006 or the equivalent. \nPrerequisite for W4018: 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 2015: CHNS W4018

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4018	001/68828	M W F 11:40am - 12:55pm 413 Kent Hall	Chen Wu	4	4/18

CHNS W4019 History of Chinese Language. 3 points.

Introduces the evolution of Chinese language. It reveals the major changes in Chinese sound, writing and grammar systems, and social and linguistic factors which caused these changes. CC GS EN CE GSAS

Spring 2015: CHNS W4019

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CHNS 4019	001/26560	T Th 2:40pm - 3:55pm 201a Philosophy Hall	Zhirong Wang	3	20/18

CLEA W4101 Literary and Cultural Theory East and West. 3 points.

This course examines the universalism of major literary and cultural theories from the 20th century to the present with a focus on the centrality of comparative reasoning (commensurability/incommensurability, the logic of inclusion/exclusion, etc.) that sustains such universalism. Our goal is to develop methods for analyzing the literary and cultural productions of East Asian societies in conversation with other traditions and for understanding global processes in China, Japan, and Korea in particular. Topics of discussion include, for example, text and context, writing and orality, genre, media technology, visual culture, problems of translation, social imaginary, imperial and colonial modernity. Our readings include narrative theory, structural linguistics, poststructuralism, psychoanalysis, feminist theory, critical translation studies, postmodernism, and postcolonial scholarship. Select literary works and films are incorporated to facilitate our understanding of theoretical issues and to test the validity of all universalist claims we encounter in the course. Students are strongly encouraged to think critically and creatively about any theoretical arguments or issues that emerge in the course of our readings and discussions rather than treat theoretical idiom as an instrument to be applied to a literary text. Our expectation is for students to develop interpretive and analytical skills that are essential to the task

of interpreting literary, cultural, and historical texts as well as society and the world.

Spring 2015: CLEA W4101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLEA 4101	001/68774	T 4:10pm - 6:00pm 301m Fayerweather	Pau Pitarch Fernandez, Myra Sun	3	7/15

EAAS W4227 East Asia and the Rise of a Global Middle Class. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course looks at East Asian history through the rise of a global middle class. What is a "middle class" and how did the idea evolve in East Asia? How has the middle class in East Asia converged and diverged from global trends? How has the idea of a middle class driven politics, economics, education, and gender, or vice versa? What role has the middle class played in the shared and divergent histories of Japan and China? How have middle-class experiences become the dream of the social mainstream in East Asia? Through select primary and secondary sources, students will obtain an inside glimpse of East Asia, global modernity, and the discipline of social and cultural history. Students will produce two short essays, participate in class discussion, and submit a final paper.

Spring 2015: EAAS W4227

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4227	001/21348	Th 12:10pm - 2:00pm 707 Hamilton Hall	Jamyung Choi	4	16/15

EARL W4310 Life-Writing in Tibetan Buddhist Literature. 4 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.

Spring 2015: EARL W4310

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EARL 4310	001/69283	T 12:10pm - 2:00pm 201 80 Claremont	Gray Tuttle	4	17/20

EAAS S4361 Kurosawa and the World. 3 points.
Not Offered During 2014-15 Academic Year.

This course will explore the global dimensions of Kurosawa's artistry, while attending closely to the local, often personal experiences that give his work its distinctive style and urgency. We will focus on the great black and white films he made during the long postwar, and take account of what they owe to Kurosawa's education and artistic apprenticeship; to elements of Japanese tradition (especially to theatrical and oral performance traditions); also to the era of silent film, to German Expressionism and Russian Constructivism, and to authors such as Akutagawa, Dostoevsky, and Shakespeare.

EAAS V3214 Major Topics on Modern Korea. 3 points.
Not Offered During 2014-15 Academic Year.

This course explores the vicissitudes of Korea since its encounter with the world in the late 19th century to the new challenges in recent years. By exploring the events, thoughts, and the new developments and challenges in the economic, political, socio-cultural spheres, the course aims to provide better understanding of Korea's struggle to find its place in an increasingly globalizing world.

EAAS V3215 Korean Literature and Film. 0 points.
Not Offered During 2014-15 Academic Year.

Corequisites: Weekly film screening required.
 Traces the history of Korean cinema and literature from 1945 to the present. Particular attention is given to the relationship between visual and literary representations of national division, war, gender, rapid industrialization, authoritarianism, and contemporary consumer culture.

Spring 2015: EAAS V3215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3215	001/64895	Th 2:10pm - 4:00pm 300 Union Theological Seminary	Theodore Hughes	0	13/15
EAAS 3215	001/64895	T 6:10pm - 8:00pm 303 Hamilton Hall	Theodore Hughes	0	13/15

EAAS V3220 Korean Film and the Making of Cold War Culture. 3 points.
Not Offered During 2014-15 Academic Year.

This course traces the early history of South Korean film, focusing on the ways in which issues central to the formation of global Cold War culture in the 1950s and 1960s cut across four genres: comedy, combat/military film, melodrama, and the spy thriller. We pay particular attention to the comedic representation of family and the developmental state, the negotiation of race and sexuality in combat/military films, the role of sentimental masculinity in the melodramatic imagination, and the relation between modern discourses of attention and vigilance in the spy thriller. Linking Korean cinema to the transnational context of the *Pax Americana*,

we will also examine cross-cultural representations of Cold War culture in Korean and Hollywood filmic productions. In addition to the secondary sources on Korean/U.S. Cold War culture and Korean literary works, our reading of selected theoretical texts will serve as a point of departure for analyzing such issues as the relation between film as visual medium and the global "red scare"; motion picture and mobilization/militarization; and gender/ways of seeing. Mandatory weekly film screening.

EAAS V3350 Japanese Fiction and Film. 3 points.
 CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course is about literary and visual story-telling in Japan, with close attention to significant styles and themes. The chronology covers writing from the late 19th century and cinema from the silent era, through to stories and film-making from the last decade of the 20th century. This period of roughly one hundred years is marked by convulsive social transformations, cultural shifts in every field of cultural endeavor, as well as by fire, earthquake, and the horror of war. The work we will encounter differently faces, evades, or attempts to survive such realities, providing multiple angles of imaginative vision on Japan and the modern world.

Fall 2014: EAAS V3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3350	001/67077	W 4:10pm - 6:00pm 522c Kent Hall	Paul Anderer	3	24/25

EAAS V3352 Major Works of Japanese Cinema. 3 points.
Not Offered During 2014-15 Academic Year.

Corequisites: Weekly Film screening required.

EAAS V3615 Japanese Literature and Film. 3 points.
Not Offered During 2014-15 Academic Year.

The course focuses on the theme "Cuties, Fighters and Geeks" in the history of Japanese cinema and examines the representational politics of gender and sexuality (*cuties* and *fighters*), and fan pathology/audience reception (*geeks*). Selected films include animation, chambara/samurai, monster, and documentary. All the films are shown with English subtitles. Reading assignments include film reviews and writings drawn from perspectives of auteurism, national cinema, cultural studies, feminist critique and globalization. Engaging in close viewing/reading of both cinematic and written texts and existing research on them, we will attend to the discursive constellations of gender, ethnicity, nationalism, cultural imperialism, and the process of *othering*.

EAAS V3927 China in the Modern World. 3 points.
 CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Not Offered During 2014-15 Academic Year.

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 W3338 Cultural History of Japanese Monsters. 3 points.

Not Offered During 2014-15 Academic Year.

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. Some preference is given to EALAC and History majors, as well as to those who have done previous coursework on Japan.

EAAS W3340 The Culture of Postwar Japan. 3 points.
Not Offered During 2014-15 Academic Year.

An intensive look at a transformative period of Japanese artistic and intellectual culture. Topics include memory and war responsibility, revolutions of everyday life, the

reimagination of eros, and avant-garde experimentation, with materials from philosophy to film and the visual arts.

EAAS W3405 Women in Japanese Literature: Gender, Genre, and Modernity. 3 points.

This course engages in close readings of major works of Japanese literature from the 18th-century to the present with particular attention to the issues of gender and genre in the formation of modern Japanese literature. The course considers figures such as female ghosts, wives and courtesans, youth and schoolgirls, the new woman and the modern girl, actors/actresses and cross-dressers. Readings highlight the role of literary genres, examining the ways in which the literary texts engage with changing socio-historical conditions, especially with regard to gender and social relations. Genres include puppet plays, ghost stories, melodrama, *Bildungsroman*, domestic fiction, autobiographical fiction, and the fantastic. Related critical issues are the novel and the formation of a national community; women's writings; media and the development of urban mass culture; colonial and imperial spaces; history and memory. All readings are in English.

Fall 2014: EAAS W3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3405	001/71101	T 2:10pm - 4:00pm 522c Kent Hall	Tomi Suzuki	3	20/20

EAAS W3927 China in the Modern World. 4 points.
Not Offered During 2014-15 Academic Year.

The rise of China has impacted world politics and economy in significant ways. How did it happen? This course introduces a unique angle of self-understanding as suggested by Chinese writers, intellectuals, and artists who participated in the making of modern China and have provided illuminating and critical analysis of their culture, history and the world. Topics of discussion include historical rupture, loss and melancholy, exile, freedom, migration, social bonding and identity, capitalism, nationalism and the world revolution.

EAAS W3928 Japanese Literature: Beginning to 1900. 3 points.

An examination of the major genres -- poetry, prose fiction, historical narrative, drama, and philosophical writing -- of Japanese literature from the ancient period up to 1900 as they relate to larger historical changes and social, political and religious cross-currents.

EAAS W3931 Environment & Society in Chinese History. 4 points.
Not Offered During 2014-15 Academic Year.

This course explores the changing environment of China from various angles, including economy, climate, demography, agriculture and politics. We will consider the entire sweep of Chinese history, beginning with the origins of agriculture, but

will focus on the last 500 years or so. Although the focus will shift between the histories of specific regions and on processes that affected the entire subcontinent, the goal is to understand how the natural ecosystems of the region were transformed into the highly anthropogenic modern landscape.

Fall 2014: EAAS W3931

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3931	001/20958	M 4:10pm - 6:00pm 406 Hamilton Hall	Brian Lander	4	5

EAAS W4015 Buddhism and Islam: Tibet and China. 4 points.

News stories about Buddhist / Muslim encounters in many parts of present-day Asia often focus on dramatic conflicts, such as the destruction of the ancient Buddha statues of Bamiyan in Afghanistan by Taliban leaders, or the role of Burmese Buddhists in violent assaults on Muslim communities in Burma. Yet in fact, the history of Buddhist and Muslim interactions in Asia is far more complex than a single tale of the “conflict of civilizations” might suggest. An ethnically diverse assortment of Buddhist and Muslim populations have mingled, competed, intermarried, and traded with each other in many parts of Asia for over a millennium, influencing each other’s medicine, science, philosophy, languages, music, cuisine, and of course, power arrangements. Mongols, Persians, Arabs, Uighyurs, Tibetans, Chinese, Kashmiris – these are just some of the major historical actors on a transregional and multi-ethnic Inner and East Asian stage, where rich trade routes, competing empires, and the high culture of multiple civilizations came together, with results that persist into our own day.

EAAS W4022 Japanese Buddhist Visual Culture. 3 points. Not Offered During 2014-15 Academic Year.

This course explores the principal modes, media, and contexts of visual culture in Japanese Buddhist history. Through the analysis of selected case studies, the course examines of the modalities of perception, materiality, and reception that distinguish the form and function of visual media in Japanese Buddhist contexts. Students are expected to have completed preliminary coursework in relevant areas of East Asian history, religion, or art history.

EAAS W4101 Literary and Cultural Theory East and West. 3 points.

Designed to familiarize students with major paradigms of contemporary literary and cultural theory to generate critical contexts for analyzing East Asian literature and culture in a comparative framework. Takes up a wide but interrelated range of issues, including feminist criticism, film theory, postcolonialism, social theory, post modernism, and issues of national and ethnic identity.

EAAS W4102 Critical Approaches to East Asia in the Social Sciences. 4 points.

Prerequisites: Instructor permission required for enrollment. This seminar is designed to equip students with essential tools to further their scholarly research into the cultures of East Asia, with a focus primarily on China, Japan, South Korea and Taiwan. These tools are those native to the Social Sciences, with our primary materials drawn from the disciplines of Cultural (and Historical) Anthropology and Sociology. The seminar will familiarize students with significant sociological and anthropological works by scholars past and present-works with which any student serious about continuing social scientific research in East Asia should be familiar. Beyond this, the seminar aims to equip students with the methodological tools to conduct solid social scientific scholarship and a the understanding of sociological and anthropological theory whereby to assess critically the relative efficacy, and potential pitfalls, of various approaches to research.

EAAS W4109 Japanese Religious Landscapes: Practices and Representations. 3 points. Not Offered During 2014-15 Academic Year.

Prerequisites: One course on Japanese or East Asian cultures or Art History or permission of instructor. Examination of the concept of landscape in Japanese religious culture, focusing on the ways in which physical and imaginary landscapes were represented, in theory and practice, in literature, art, and ritual. Topics to be explored include cosmology, pilgrimage, and syncretism, and the relationship such world views have on politics, gender, and social institutions.

EAAS W4120 A Cultural History of Japanese Cartography. 4 points. Not Offered During 2014-15 Academic Year.

Prerequisites: Permission of instructor. Examines Japanese history through the media of cartographic self-representation and analyzes the ways of seeing and ways of thinking that the map allows. Chronological and thematic survey of the historical contexts and historical objects of Japanese cartography: agricultural estates, religious sites, roadways, cities, provinces, countries, and worlds.

EAAS W4160 Cultures of Colonial Korea. 3 points. CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

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 2015: EAAS W4160

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4160	001/98456	T 2:10pm - 4:00pm 401 Kraft Center	Theodore Hughes	3	14/12

EAAS W4202 The Dead in Ancient China. 4 points.

What did the dead become? Ancestors, spirits, or ghosts? Are these postmortem categories and roles ontologically distinct and mutually exclusive? How did the dead become ancestors, spirits, or ghosts? Where did the dead go and what kind of "lives after" did they have? With these questions in mind, this course explores the realm of the dead in ancient China (ca. 5000 B.C.E.-600 C.E.) instantiated by the living in rituals, objects, and writings. Focusing on contemporaneous materials obtained through archaeology, facilitated with transmitted history and literature when available, students will read about and learn to analyze a variety of conceptions of the dead and corresponding afterlife options recorded in diverse kinds of sources including material culture, architecture, artifacts, pictorial representations, and texts from ancient China.

EAAS W4222 War and Society in Modern China. 4 points.

As we examine the history of China in the modern period, we notice the indelible and profound mark that wars, armed uprisings, and violence have left on collective consciousness and social and state structures. On a social level, the impact of large-scale violence often transcended territorial boundaries both locally and nationally. Historical sources also show that countless families and communities were left disintegrated as a consequence of intra- and inter-regional military conflict. This course will examine a wide array of war experiences in China in the modern period, roughly defined as the period from the sixteenth to twentieth centuries. We will ask how the history of war might shed light on the lives of ordinary people in China. Particular attention will be paid to war experiences behind the front lines and the nature of the relation between war and society during and in the wake of battle. The general course format consists of class discussion on, and close analysis of, the assigned readings, which will include monographs by contemporary scholars as well as primary materials in translation. Some background knowledge of Chinese history will be helpful. No knowledge of the Chinese language is required.

EAAS W4223 China and the World since 1350. 4 points.

This seminar examines the history of China's relations with the outside world from the mid-fourteenth through mid-

twentieth centuries, covering the period from the founding of the Ming dynasty to the twentieth century. We will begin with a discussion of the historiographical debate concerning China's so-called "tribute system" and "Sinocentric world order." Inquiries will be made into ways in which China interacted with, and was viewed by, outside societies and civilizations. Our analytical approach will be wide-ranging, and we will consider a variety of source materials, research methods, and narrative structures in our examination of China's relations with the outside world. Some background knowledge of Chinese history will be helpful. No knowledge of the Chinese language is required.

EAAS W4224 History of Chinese Cinemas. 4 points.

This survey class introduces Chinese cinemas produced in Mainland China, Hong Kong and Taiwan. Thematic, stylistic and industrial developments will be explored alongside continuing trends toward local and regional diversity in the context of globalization. To address the issue of nation/nationalism and the evolving rapport between the local and transnational, in conjunction with the changing dynamic between the film industries and filmmakers, emphasis is given to specific film genres (e.g. wenyi melodrama and martial arts), major film movements (from the leftist filmmaking in 1930s Shanghai to the new cinemas in three Chinas of the 1980s), and influential film auteurs, such as Xie Jin, King Hu, Zhang Yimou, Jia Zhangke, Tsui Hark, Wong Kar-wai, Hou Hsiao-hsien, Tsai Ming-liang, and Ang Lee. Other topics include, for instance, how cinema approaches history, ramifications of realism, representation of gender, ethnicity and sexuality, the reintegration of Greater China's screen industries since the 1990s, and the recent industrial capitalization on neo-localism in Taiwan.

EAAS W4357 Contemporary Japanese Cinema. 4 points.

Corequisites: Film screening is mandatory. The course examines the notions of humanity, post-humanity and machines, as represented in Japanese cinema from the 1980s to the present. Some anime, documentary and live action films will be discussed. Reading assignments include the writings of auteurism, national cinema, globalization and cultural theories. Mandatory weekly screening.

EAAS W4406 Social Theory for the Study of East Asia. 4 points.

This course introduces students to major thinkers and intellectual viewpoints relevant for study of East Asian societies. Key topics include the nature of power, processes of social change, the role of religion, the discourses of tradition and modernity, and the ethical dimensions of scholarship.

EAAS W4408 Social Movements in Contemporary East Asia. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Sophomore standing.

Examines basic theories and concepts of social movement literature and how it is utilized for the study of social movements in contemporary East Asia from a comparative perspective. By navigating through major studies of social movements in China, Taiwan, South Korea, and Japan, the course focuses on the varying contexts and dynamics through which social movements emerge, develop, and leave traces. This course will help us better understand how social, political and cultural history unfolds through the intricate interaction between the status quo and the incessant challenges against it.

EAAS W4510 Contention and Democracy in South Korea. 3 points.

Not Offered During 2014-15 Academic Year.

An examination of the interaction between popular contention and formal politics, long characteristic of the dynamic, if unstable nature of South Korean political processes. By examining major paradigms and testing them against historical realities, students acquire a better understanding of the interplay between contention and democracy in general and South Korean politics in particular.

EAAS W4548 Tibetan Cultures and Societies. 0 points.

This course introduces students to major themes and issues in traditional and contemporary Tibetan culture. Key topics include conceptions of sacred landscape, the human body as a microcosm of the universe, and the social order, including contested ideas of regional identity and of "Tibet" itself. We examine these themes via Buddhist and non-Buddhist literature, poetry, epic, auto/biographies, traditional histories, medical texts, pilgrimage guides, travelers' accounts, ritual materials, and artistic works, as well as through ethnographies and related studies. There will be several NYC field trips and 4 required films. No language or other prerequisites.

Spring 2015: EAAS W4548

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4548	001/08723	Th 2:10pm - 4:00pm 318 Milbank Hall	Annabella Pitkin	0	15

EAAS W4553 Survey of Tibetan Literature. 4 points.
Not Offered During 2014-15 Academic Year.

An introduction to Tibetan literary works (all in English translation) spanning fourteen centuries, from the Tibetan imperial period to the present-day. Close readings of texts and discussion of the genres they represent are supplemented by biographical material for each author. Special emphasis is placed on vernacular and popular literature, as well as landmark works from the post-Mao period. The questions explored include: What are the origins or inspiration for the literary work(s) assigned? In what ways have Tibetan literary forms and content developed throughout history? How has the very concept of "Tibetan literature" been conceived, especially vis a vis works by Tibetan authors writing in Chinese and

English? Above all, how have Tibetan writers and scholars - past and present - negotiated literary innovation?

EAAS W4557 Film and TV in Tibet and Inner Asia. 4 points.

In this seminar we look at films and television dramas made in Tibet, Xinjiang and Mongolia from the 1920s onwards, mainly by Chinese filmmakers, but also by Russians, Tibetans and Mongolians. These suggest local perspectives on the history of these areas during their ongoing integration into the PRC since the 1950s. Through the films, the seminar explores the different ways notions of the state, nationality, "being good" and the political are expressed at different times in these areas. No prerequisites or previous knowledge required.

EAAS W4560 Women Visionaries in Tibet and East Asia. 4 points.

Not Offered During 2014-15 Academic Year.

This course explores the lives, roles and creativity of Tibetan, Chinese and Korean women visionaries--meditators, shemans, oracles, nuns and yoginis--from traditions including buddhism and indigenous religions, and links between visionary practice and these women's work as teachers, artists, healers and patrons. Materials include first-person accounts, biography, poetry, and secondary sources

EAAS W4562 Transnational Identities in East/Inner Asia. 4 points.

This course examines networks of mobility and connection linking Chinese, Tibetan, Himalayan, and Inner Asian people, places, and institutions to each other, and to other regions of Asia and the world. We will look at examples of transregional identities as they emerge out of trade, religious networks, patronage networks, educational travel, pilgrimage, diaspora migrations, labor migrations, and modern day leisure travel, focusing on the period from the late 19th century to the present. What social formations, economic developments, or religious ties emerge from transregional flows of people, things, and ideas? How have East and Inner Asian individuals negotiated hybrid identities produced by cross-cultural encounters? In addressing these questions we will consider issues of identity, language, nationalism and transnationalism, religious affiliation and globalization.

Spring 2015: EAAS W4562

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4562	001/03620	Th 11:00am - 12:50pm 227 Milbank Hall	Annabella Pitkin	4	10

EAAS W4890 Historiography of East Asia. 3 points.

Prerequisites: Two-hour seminar plus additional one-hour workshop in bibliography and research methods. Designed primarily for majors in East Asian Studies in their junior year. Permission of instructor required for others.

Major issues in the practice of history illustrated by critical reading of important historical work on East Asia.

HSEA BC3861 Chinese Cultural History 1500-1800. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: An introductory Asian history course preferred but not required.

Introduction to visual and material cultures of China, including architecture, food, fashion, printing, painting, and the theatre. Using these as building blocks, new terms of analyzing Chinese history are explored, posing such key questions as the meaning of being Chinese and the meaning of being modern.

HSEA W3850 Contemporary Chinese Culture and Society. 3 points.

Not Offered During 2014-15 Academic Year.

A sociological survey of contemporary China. Examines major institutions (economy, politics, media) and the sources and consequences of their transformation. Studies main forms of social inequality and social conflicts. Explores popular culture, civic associations, the environmental crisis, and the prospects for democratic political change.

HSEA W3862 The History of Korea to 1900. 3 points.

Issues pertaining to Korean history from its beginnings to the early modern era. Issues will be examined in the Korean context and also from a comparative East Asian perspective.

Fall 2014: HSEA W3862

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3862	001/66505	T Th 10:10am - 11:25am 323a Thompson Hall (Tc)	Jungwon Kim	3	13/20

HSEA W3863 The History of Modern Korea. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: recommended but not required: HSEA W3862. Korean history from the mid 19th century to the present, with particular focus on politics, society, and culture in the 20th century. Major Cultures Requirement: East Asian Civilization List B. *Group(s): C*

HSEA W3869 Modern Japan, 1800 to the Present. 3 points.

Fall 2014: HSEA W3869

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3869	001/18570	T Th 10:10am - 11:25am 543 Grace Dodge Hall (Tc)	Lisbeth Brandt	3	13/25

HSEA W3871 Japan in the 20th Century. 3 points.

Not Offered During 2014-15 Academic Year.

Japanese history from 1890 to the present, with particular emphasis on political, social, and economic developments.

HSEA W3873 The Culture of Early Modern Japan. 3 points.

Not Offered During 2014-15 Academic Year.

This course examines the social, economic, political and cultural foundations of modern China as established during the last imperial regime. Special attention is given to issues of frontier expansion, state and nation building, economic and social transformation, the evolution of a multi-ethnic polity, and China's interactions with the West and Japan. In the process we will explore the new politics that evolved out of the fall of the Ming and the rise of an alien Manchu Qing regime, social and economic change in the lived experience of rural and urban men and women and their effects on the rise of new organizational, occupational and status opportunities. The history of the Qing dynasty traces the formation of the state we now know as China and the challenges and opportunities that faced all who lived within its borders as they engaged with the world in new ways and began to reshape both their discursive and institutional identities. Throughout this course we will be alert to the ways in which the struggles to create a new China during the last dynasty inform our understanding of the China we know today.

HSEA W3880 The History of Modern China. 3 points.

The late imperial age. China's internal developments and foreign contact from 1600 to 1911. *Field(s): EA*

Fall 2014: HSEA W3880

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3880	001/19087	T Th 10:10am - 11:25am 413 Kent Hall	Madeleine Zelin	3	7/40

HSEA W3881 History of Modern China II -- China in the Twentieth Century. 3 points.

The social, political and cultural history of twentieth-century China with a focus on issues of nationalism, revolution, "modernity" and gender.

Spring 2015: HSEA W3881

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3881	001/24489	T Th 10:10am - 11:25am 520 Mathematics Building Lean	Eugenia	3	17/40

HSEA W3898 The Mongols In History. 3 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 are considered. *Group(s): A, C Field(s): EA*

Spring 2015: HSEA W3898

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3898	001/63187	T 10:10am - 12:00pm 103 Knox Hall	Morris Rossabi	3	29/25

HSEA W3898 The Mongols In History. 3 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 are considered. *Group(s): A, C Field(s): EA*

Spring 2015: HSEA W3898

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 3898	001/63187	T 10:10am - 12:00pm 103 Knox Hall	Morris Rossabi	3	29/25

EAAS W3934 The Tea Ceremony: Understanding Japanese Culture through the History and Practice of Tea. 3 points.

The focus of this course is the Japanese Tea Ceremony, or chanoyu. It introduces the world of the first medieval tea-masters and follows the transformation of chanoyu (lit. 'water for tea') into a popular pastime, a performance art, a get-together of art connoisseurs, and a religious path for samurai warriors, merchants, and artists in Early Modern Japan. It also explores the metamorphosis of chanoyu under 20th century nationalisms and during the postwar economic boom, with particular attention to issues of patronage, gender, and social class. Each session will cover a different aspect of chanoyu, focusing on a rigorous analysis of historical texts (primary sources) and of modern studies and current research (secondary sources). Understanding chanoyu requires experiencing it in person and through one's own hands. For this reason, in addition to text-based learning this course offers students access to the actual rare materials that are at the heart of chanoyu. They will participate in a tea ceremony at the teahouse of the New York branch of the traditional Urasenke school of tea and they will get hands-on access to the hidden treasures of the Japanese collection at the Metropolitan Museum of Art, where they will be able to interact with historical artifacts.

Spring 2015: EAAS W3934

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 3934	001/85535	T 2:10pm - 4:00pm 212d Lewisohn Hall	Ariel Stilerman	3	15/15

HSEA W4223 War and Society in Modern China. 4 points.

As we examine the history of China in the modern period, we notice the indelible and profound mark that wars, armed uprisings, and violence have left on collective consciousness and social and state structures. On a social level, the impact of large-scale violence often transcended territorial boundaries both locally and nationally. Historical sources also show that countless families and communities were left disintegrated as a consequence of intra- and inter-regional military conflict. This course will examine a wide array of war experiences in China in the modern period, roughly defined as the period from the sixteenth to twentieth centuries. We will ask how the history of war might shed light on the lives of ordinary people in China. Particular attention will be paid to war experiences behind the front lines and the nature of the relation between war and society during and in the wake of battle. The general course format consists of class discussion on, and close analysis of, the assigned readings, which will include monographs by contemporary scholars as well as primary materials in translation. Some background knowledge of Chinese history will be helpful. **No knowledge of the Chinese language is required.**

Spring 2015: HSEA W4223

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4223	001/91998	M 12:10pm - 2:00pm 408 Hamilton Hall	Masato Hasegawa	4	8/15

EAAS W4545 Culture & Art in Contemporary Tibet. 3 points.

Not Offered During 2014-15 Academic Year.

Spring 2015: EAAS W4545

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EAAS 4545	001/76447	M 4:10pm - 6:00pm 522c Kent Hall	Robert Barnett	3	8

HIST BC4861 Body Histories: The Case of Footbinding. 4 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Prerequisites: Permission of the instructor. Enrollment limited to 15. Preregistration required.

The deceptively small subject of footbinding provides a window into the larger family dynamics and sexual politics in Chinese history and society. Explores the multiple representations of footbinding in European travelogues, ethnographic interviews, Chinese erotic novels and prints, and the polemics of modern and feminist critiques.

Spring 2015: HIST BC4861

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 001/02812 T 4:10pm - 6:00pm Dorothy 4 18/15
4861 407 Barnard Hall Ko

HSEA W4710 Exploring Tibet: 17th-20th Century Travel Accounts. 4 points.

Not Offered During 2014-15 Academic Year.

Studies history of descriptions of Tibet with a focus on new explorations. The course starts with a look back to the legacy of Catholic religious and British trade missions to Tibet, as well as Tibetan missions that expanded the frontiers of Tibet. But the main focus is on 19th and 20th century topics including adventure and scientific missions in the service of imperial expansion, Tibetan pilgrimage and claims for territory, the "Great Game" for dominance of Central Asia, the role of photojournalism & the photographic representation of Tibet and the globalization of markets and culture.

HSEA W4720 20th Century Tibetan History. 4 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*

HSEA W4725 Tibetan Material History. 4 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: One page applications stating a student's interest and background (if any)

A seminar exploring the nature and implications of Tibetan visual and cultural material in historical context, with biweekly visits to NYC area museum collections. Topics include object biographies, Buddhist art & ritual objects, Tibetan arms & armor, clothing & jewelry, rugs & furniture. As we explore the incredibly rich Tibetan material resources of New York City's museums, students will have the opportunity to encounter first hand objects from Tibet's past. While the class as a whole will survey a wide variety of materials—from swords & armor to Buddhist images & ritual implements, from rugs & clothes to jewelry & charms—students will select one or two objects as the subject of their object biographies. There will also be opportunities to explore the process and motivations for building collections and displaying Tibetan material culture.

HSEA W4845 Modern Japan in History and Memory. 3 points.

Not Offered During 2014-15 Academic Year.

The history of modern Japan as interpreted in twentieth-century Japanese history, writing, and public memory. Emphasis on the ways in which different versions of the past have been affected by changes in the present, from the 1880s

through the 1990s. Open without prerequisite to graduate, undergraduate, and SIPA students.

HSEA W4860 Culture and Society In Choson Korea, 1392-1910. 4 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. *Group(s): A, C*

HSEA W4862 Writing, the State and Communities in Choson Korea, 1392-1910. 3 points.

Not Offered During 2014-15 Academic Year.

This seminar examines the process through which the political ideology of the Choson state was constructed, and how it evolved on the one hand, and the way in which this was related to the development of genres of writing in public space. By analyzing and contextualizing such writings as edicts, memorials, circular letters, exhortations, joint memorials, petitions, and travel diaries, this seminar hopes to trace the political and cultural meaning of the expanding discursive and communicative public space of the Choson.

HSEA W4866 Competing Nationalisms in East Asia: Representing Chinese and Tibetan Relations in History. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Not Offered During 2014-15 Academic Year.

After an introduction to nationalism in general and in Asia, this seminar will examine the issue of nationalist influences on the writing of Asian history through the lens of Chinese and Tibetan historiography. By critically examining the historical arguments for and against the inclusion of Tibet as part of the modern Chinese nation-state, students will have an opportunity to compare two important cultural traditions presented as competing national entities and apply this to their own topics (on China, Japan, Korea, Vietnam, or Tibet) for the final research paper.

HSEA W4867 Civil Society, Public Sphere, and Popular Protest in Contemporary China. 4 points.

Not Offered During 2014-15 Academic Year.

Systematics and critical assessment of the developments and challenges of civil society in reform era China by focusing on civic associations, public sphere, and popular protest.

HSEA W4869 History of Ancient China to the End of Han. 4 points.

In this upper level course, we will detail the development of early Chinese civilization and discuss a series of cultural and institutional inventions. The course will also provide a systematic introduction to the most fascinating archaeological discoveries in the past century. *Group(s): A, C Field(s): EA*

HSEA W4881 Gods, Ghosts and Ancestors: Social History of Chinese Religion. 3 points.**Not Offered During 2014-15 Academic Year.**

Problems in the social history of Chinese religion, viewed as much as possible through primary documents in translation. Focuses on the place of religious ideas and practices (including those of the high traditions of Buddhism, Taoism, and neo-Confucianism) in everyday life and examines the relation of images of ancestors, gods, ghosts, paradise, and hells to Chinese models (explicit and implicit) of human society.

HSEA W4884 Merchants, Markets and Modernity in China. 3 points.**Not Offered During 2014-15 Academic Year.**

From Marx's Asiatic Mode of Production to contemporary notions of Confucian capitalism, theories abound to explain China's divergence from Western patterns of political and economic development. This course critiques these theories and looks at the Chinese economy starting with its own internal logic to explore the social, cultural, institutional and political forces that underlay Chinese economic practice, the role of markets, merchants, labor, and the state in the making of modern China. No prerequisite.

HSEA W4886 Gender, Passions and Social Order In China Since 1500. 3 points.**Not Offered During 2014-15 Academic Year.**

This course explores the themes of love, virtue, and sexuality and their roles in the construction of orthodox morality, gender relations, medical and judicial knowledge, and political order in late imperial, modern and contemporary China. Fiction, drama, and cultural theory are among the sources used to examine such topics as the Cult of Desire, love and Ming loyalism, the Chastity Cult, New Womanhood and Nationalism, and Maoist Revolutionary ardor.

HSEA W4888 Women and Gender in Korean History. 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 W4890 Historiography of East Asia. 3 points.

This course is designed primarily for majors in East Asian studies in their junior year; others may enroll with the instructor's permission. Major issues in the practice of history illustrated by critical reading of important historical works on East Asia. *Group(s): A, C Field(s): EA*

Spring 2015: HSEA W4890

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4890	001/11450	T 4:10pm - 6:00pm 522c Kent Hall	Gregory Pflugfelder	3	16/20

HSEA W4893 Family in Chinese History. 3 points.Prerequisites: *ASCE V2359*.

The history of the Chinese family, its changing forms and cultural expressions: marriage and divorce; parent and child; clan and lineage; ancestor worship; the role of women; the relation of family and state; Western parallels and contrasts.

Spring 2015: HSEA W4893

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HSEA 4893	001/17750	T 12:10pm - 2:00pm 201d Philosophy Hall	Robert Hymes	3	8/20

INSM W3921 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.

Spring 2015: INSM W3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3921	001/72938	W 2:10pm - 4:00pm Hl-2 Heyman Center For Humanities	Douglas Chalmers, Wm Theodore De Bary	4	15/30

JPNS C1101 First-Year Japanese. 5 points.

Lab Required

Prerequisite for *C1102*: *JPNS C1101*, *F1101*, or *W1001-W1002*, or the equivalent. Basic training in Japanese through speaking, listening, reading and writing in various cultural contexts.

Fall 2014: JPNS C1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1101	001/19317	M T W Th 10:10am - 11:15am 303 Hamilton Hall	Shigeru Eguchi	5	13/18
JPNS 1101	002/11453	M T W Th 11:40am - 12:45pm 522d Kent Hall	Naofumi Tatsumi	5	7/18
JPNS 1101	003/27228	M T W Th 1:10pm - 2:15pm 522b Kent Hall	Kyoko Loetscher	5	18/18
JPNS 1101	004/74244	M T W Th 2:40pm - 3:45pm 424 Kent Hall	Keiko Okamoto	5	17/18
JPNS 1101	005/65956	M T W Th 4:10pm - 5:15pm 423 Kent Hall	Tomomi Sato	5	16/18

JPNS C1102 First-Year Japanese. 5 points.

Prerequisite for *C1102*: *JPNS C1101*, *F1101*, or *W1001-W1002*, or the equivalent. Basic training in Japanese through speaking, listening, reading and writing in various cultural contexts.

Spring 2015: JPNS C1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1102	001/71012	T Th 10:10am - 11:15am 316 Hamilton Hall	Shigeru Eguchi	5	19/18
JPNS 1102	001/71012	M W 10:10am - 11:15am 201d Philosophy Hall	Shigeru Eguchi	5	19/18
JPNS 1102	002/83629	M T W Th 11:40am - 12:45pm 522d Kent Hall	Naofumi Tatsumi	5	7/18
JPNS 1102	003/70928	M T W Th 1:10pm - 2:15pm 522b Kent Hall	Kyoko Loetscher	5	16/18
JPNS 1102	004/19296	M T W Th 2:40pm - 3:45pm 424 Kent Hall	Naofumi Tatsumi	5	15/18

JPNS 1102	005/74167	M T W Th 4:10pm - 5:15pm 424 Kent Hall	Keiko Okamoto	5	16/18
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JPNS C1201 Second-Year Japanese. 5 points.

Lab Required

Prerequisite for *C1201*: *JPNS C1102* or the equivalent.

Prerequisite for *C1202*: *JPNS C1201* or the equivalent.

Further practice in the four language skills. Participation in a once a week conversation class is required.

Fall 2014: JPNS C1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1201	001/64848	M T W Th 11:40am - 12:45pm 405 Kent Hall	Jisuk Park	5	14/18
JPNS 1201	002/67002	M T W Th 1:10pm - 2:15pm 405 Kent Hall	Shigeru Eguchi	5	14/18
JPNS 1201	003/14025	M T W Th 2:40pm - 3:45pm 522a Kent Hall	Miharu Nittono	5	7/18
JPNS 1201	004/29030	M T W Th 4:10pm - 5:15pm 522d Kent Hall	Naofumi Tatsumi	5	9/18

JPNS C1202 Second-Year Japanese. 5 points.

Prerequisite for *C1201*: *JPNS C1102* or the equivalent.

Prerequisite for *C1202*: *JPNS C1201* or the equivalent.

Further practice in the four language skills. Participation in a once a week conversation class is required.

Spring 2015: JPNS C1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1202	001/14204	M T W Th 11:40am - 12:45pm 522b Kent Hall	Shigeru Eguchi	5	15/18
JPNS 1202	002/24317	M T W Th 1:10pm - 2:15pm 411 Kent Hall	Miharu Nittono	5	15/18
JPNS 1202	003/19174	M T W Th 4:10pm - 5:15pm 423 Kent Hall	Naofumi Tatsumi	5	9/18

JPNS F1101 First-Year Japanese. 5 points.

Same course as Japanese C1101-C1102

JPNS F1102 First-Year Japanese. 5 points.

Same course as Japanese C1101-C1102

JPNS F1201 Second-Year Japanese. 5 points.

See Entrance to Language Courses Beyond the Elementary Level in the main bulletin under Department of Instruction -- East Asian Languages and Cultures.

Prerequisites: *C1101-1102* or *F1101-1102*

Same course as Japanese C1201-C1202. Further practice in reading, writing, conversation, and grammar.

JPNS F1202 Second-Year Japanese. 5 points.

See Entrance to Language Courses Beyond the Elementary Level in the main bulletin under Department of Instruction -- East Asian Languages and Cultures.

Prerequisites: *C1101-1102 or F1101-1102*

Same course as Japanese C1201-C1202. Further practice in reading, writing, conversation, and grammar.

JPNS G4210 Japanese Pedagogy for Elementary Japanese. 0 points.

3 weeks

The theory and practice of teaching elementary Japanese courses. Practicum on teaching practice

JPNS G4214 Japanese Pedagogy for Intermediate/Advanced Japanese. 0 points.

3 weeks

The theory and practice of teaching intermediate and advanced Japanese courses. Practicum on teaching practice

JPNS W1001 Introductory Japanese A and B. 2.5 points.

Prerequisite for W1002: 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

Spring 2015: JPNS W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 1001	001/62937	M W 10:10am - 11:15am C01 80 Claremont	Ai Mizoguchi	2.5	13/18
JPNS 1001	002/76101	M W 5:40pm - 6:45pm 411 Kent Hall	Ai Mizoguchi	2.5	16/18
JPNS 1001	003/20402	T Th 10:10am - 11:15am 405 Kent Hall	Ai Mizoguchi	2.5	16/18
JPNS 1001	004/20843	T Th 5:40pm - 6:45pm 411 Kent Hall	Toshiko Omori	2.5	14/18

JPNS W1002 Introductory Japanese A and B. 2.5 points.

Prerequisite for W1002: 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 2014: JPNS W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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JPNS 1002	001/64166	M W 11:40am - 12:45pm 522c Kent Hall	Tomomi Sato	2.5	14/18
JPNS 1002	002/26107	T Th 5:40pm - 6:45pm 411 Kent Hall	Tomomi Sato	2.5	11/18

JPNS W1105 Professional Japanese. 2.5 points.

This course is designed for students with little or no background in Japanese. Upon satisfactory completion of the course, students will be able to carry on survival-level conversations and to recognize basic writing. This course lasts only one semester and there will not be a continuation course.

JPNS W4005 Third-Year Japanese. 5 points.

Prerequisite for W4005: *JPNS C1202* or the equivalent.

Prerequisite for W4006: *JPNS W4005* or the equivalent.

Readings in authentic/semi-authentic texts, videos, and class discussions.

Fall 2014: JPNS W4005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4005	001/69720	M T W Th 1:10pm - 2:15pm 423 Kent Hall	Keiko Okamoto	5	10/15
JPNS 4005	002/29521	M T W Th 2:40pm - 3:45pm 423 Kent Hall	Kyoko Loetscher	5	7/15
JPNS 4005	003/70914	M T W Th 10:10am - 11:15am 522a Kent Hall	Fumiko Nazikian	5	4/15
JPNS 4005	004/23201	M T W F 8:40am - 9:45am Room TBA		5	0/15

JPNS W4006 Third-Year Japanese. 5 points.

Prerequisite for W4005: *JPNS C1202* or the equivalent.

Prerequisite for W4006: *JPNS W4005* or the equivalent.

Readings in authentic/semi-authentic texts, videos, and class discussions.

Spring 2015: JPNS W4006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4006	001/60429	M T W Th 1:10pm - 2:15pm 423 Kent Hall	Keiko Okamoto	5	5/15
JPNS 4006	002/62299	M T W Th 2:40pm - 3:45pm 522d Kent Hall	Kyoko Loetscher	5	11/15
JPNS 4006	003/76903	M T W Th 11:40am - 12:45pm 522a Kent Hall	Fumiko Nazikian	5	4/15

JPNS W4007 Introduction To Classical Japanese. 4 points.

Prerequisite: *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 2014: JPNS W4007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4007	001/73952	T Th 10:10am - 11:25am 405 Kent Hall	Haruo Shirane	4	9/18

JPNS W4017 Fourth-Year Japanese. 4 points.

Prerequisite for *W4017: JPNS W4006* or the equivalent.
Prerequisite for *W4018: 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.

Fall 2014: JPNS W4017

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4017	001/13003	M W F 1:10pm - 2:25pm 408 Hamilton Hall	Fumiko Nazikian	4	5/10
JPNS 4017	003/85952	M W F 8:40am - 9:55am 522d Kent Hall	Jisuk Park	4	6/10

JPNS W4018 Fourth-Year Japanese. 4 points.

Prerequisite for *W4017: JPNS W4006* or the equivalent.
Prerequisite for *W4018: 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 2015: JPNS W4018

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4018	001/67517	M W F 10:10am - 11:25am 522a Kent Hall	Fumiko Nazikian	4	9/10

JPNS W4019 Kanbun. 3 points.

Prerequisite: *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 2014: JPNS W4019

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
JPNS 4019	001/11953	M W 10:10am - 11:25am 315 Hamilton Hall	David Lurie	3	12

KORN W1001 Introductory Korean A and B. 2.5 points.

This course provides basic training in listening, speaking, reading, and writing in Korean. Elementary Korean A (1001y) is equivalent to the first half of Elementary Korean I. Elementary Korean B (1002x) is equivalent to the second half of Elementary Korean I.

Fall 2014: KORN W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1001	001/22303	M W 11:40am - 12:45pm 511 Kent Hall	Jeehyun Kim	2.5	15/20
KORN 1001	002/26400	T Th 11:40am - 12:45pm 423 Kent Hall	Jeehyun Kim	2.5	13/20

Spring 2015: KORN W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1001	001/14239	M W 2:40pm - 3:45pm 405 Kent Hall	Hyunkyu Yi	2.5	13/20
KORN 1001	002/27073	T Th 2:40pm - 3:45pm 405 Kent Hall	Hyunkyu Yi	2.5	20/20
KORN 1001	003/28196	T Th 11:40am - 12:45pm 424 Kent Hall	Jeehyun Kim	2.5	16/20
KORN 1001	004/26039	M W 2:40pm - 3:45pm 307 Mathematics Building	Beom Lee	2.5	10/20

KORN W1002 Introductory Korean A and B. 2.5 points.

This course provides basic training in listening, speaking, reading, and writing in Korean. Elementary Korean A (1001y) is equivalent to the first half of Elementary Korean I. Elementary Korean B (1002x) is equivalent to the second half of Elementary Korean I.

Fall 2014: KORN W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1002	001/71239	M W 2:40pm - 3:45pm 522b Kent Hall	Hyunkyu Yi	2.5	12/20
KORN 1002	002/63353	T Th 2:40pm - 3:45pm 522b Kent Hall	Hyunkyu Yi	2.5	8/20

Spring 2015: KORN W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1002	001/27795	M W 11:40am - 12:45pm 652 Schermerhorn Hall	Jeehyun Kim	2.5	10/20

KORN W1101 First-Year Korean I and II. 5 points.

Lab Required

Students who are unsure which section to register for should see the Director of the Korean Language Program.

An introduction to written and spoken Korean. Textbook: Integrated Korean, Beginning I and II. Note: Students who are unsure which section to register for should see the Director of the Korean Language Program.

Fall 2014: KORN W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1101	001/12912	M T W Th 1:10pm - 2:15pm 325 Pupin Laboratories	Sunhee Song	5	12/20
KORN 1101	002/28403	M W 4:10pm - 5:15pm 101 Kent Hall	Beom Lee	5	9/20
KORN 1101	002/28403	T 4:10pm - 5:15pm 522a Kent Hall	Beom Lee	5	9/20
KORN 1101	002/28403	Th 4:10pm - 5:15pm 522c Kent Hall	Beom Lee	5	9/20

KORN W1102 First-Year Korean I and II. 5 points.

Students who are unsure which section to register for should see the Director of the Korean Language Program.

An introduction to written and spoken Korean. Textbook: Integrated Korean, Beginning I and II. Note: Students who are unsure which section to register for should see the Director of the Korean Language Program.

Spring 2015: KORN W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1102	001/13375	M T W Th 1:10pm - 2:15pm A36 Union Theological Seminary	Sunhee Song	5	19/20
KORN 1102	002/66409	M T W Th 4:10pm - 5:15pm 522a Kent Hall	Beom Lee	5	14/20

KORN W1201 Second-Year Korean I and II. 5 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. Note: Consultation with instructors is required before registration for section assignment.

Fall 2014: KORN W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1201	001/75867	M T W Th 1:10pm - 2:15pm 522d Kent Hall	Carol Schulz	5	9/20
KORN 1201	002/24016	M T W Th 2:40pm - 3:45pm 405 Kent Hall	Sunhee Song	5	17/20

KORN W1202 Second-Year Korean I and II. 5 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. Note: Consultation with

instructors is required before registration for section assignment.

Spring 2015: KORN W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 1202	001/63590	M T W Th 1:10pm - 2:15pm 522d Kent Hall	Carol Schulz	5	8/20
KORN 1202	002/65810	M T W Th 2:40pm - 3:45pm 522b Kent Hall	Sunhee Song	5	19/20

KORN W4005 Third-Year Korean I and II. 5 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 2014: KORN W4005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4005	001/68330	M T W Th 10:10am - 11:15am 522d Kent Hall	Carol Schulz	5	11/20

KORN W4006 Third-Year Korean I and II. 5 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.

Spring 2015: KORN W4006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4006	001/10582	M T W Th 10:10am - 11:15am 522d Kent Hall	Carol Schulz	5	11/15

KORN W4105 Fourth-Year Korean I and II. 4 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 2014: KORN W4105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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KORN 001/89692 M W Th 10:10am - 11:25am Hyunkyu 4 3/15
4105 628 Kent Hall Yi

KORN W4106 Fourth-Year Korean I and II. 4 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.

Spring 2015: KORN W4106

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
KORN 4106	001/87199	Th 10:10am - 11:25am 305 Union Theological Seminary	Hyunkyu Yi	4	6/15
KORN 4106	001/87199	M W 10:10am - 11:25am A34 Union Theological Seminary	Hyunkyu Yi	4	6/15

KORN W4200 Modern Korean Literature. 3 points.

This course engages in a critical study of representative Korean literary texts of the twentieth century. Texts are drawn from both the Japanese colonial period (1910-1945) and the post-liberation period (1945-present). Reading of literary works are supplemented with theoretical texts and recent scholarship on modern Korea. Discussion of works written in the colonial period, considers the formation of "modern literature," the emergence of rival literary camps, representations of gender, nationalism, assimilation, and resistance against Japanese rule. Topics central to the Korean postcolonial experience include national division, war, the emergence of women writers, rapid industrialization, and authoritarianism.

KORN W5011 Modern Korean I and II (Fifth Year). 3 points.

Prerequisite: KORN W4105-W4106 or the equivalent and the instructor's permission. Readings of advanced modern literary, historical, political and journalistic texts, and a wide range of materials.

KORN W5012 Modern Korean I and II (Fifth Year). 3 points.

Prerequisite: KORN W4105-W4106 or the equivalent and the instructor's permission. Readings of advanced modern literary, historical, political and journalistic texts, and a wide range of materials.

TIBT G4600 First Year Modern Colloquial Tibetan, I and II. 5 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 2014: TIBT G4600

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 4600	001/27528	M W 1:10pm - 2:05pm 352b International Affairs Bldg	Sonam Tsering	5	9/20
TIBT 4600	001/27528	T Th 1:10pm - 2:15pm 352b International Affairs Bldg	Sonam Tsering	5	9/20

TIBT G4601 First Year Modern Colloquial Tibetan, I and II. 5 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 2015: TIBT G4601

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 4601	001/14336	M T W Th 1:10pm - 2:05pm 352b International Affairs Bldg	Stephane Charitos, Sonam Tsering	5	8/20

TIBT G4603 Second Year Modern Colloquial Tibetan, I and II. 4 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.

Fall 2014: TIBT G4603

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 4603	001/68605	M W 2:40pm - 3:45pm 652 Schermerhorn Hall	Sonam Tsering	4	5/20

TIBT G4604 Second Year Modern Colloquial Tibetan, I and II. 4 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 2015: TIBT G4604

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 4604	001/20059	M W 2:40pm - 3:55pm 412 Kent Hall	Sonam Tsering	4	4/18

TIBT G4611 Third Year Modern Colloquial Tibetan I and II. 4 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 2014: TIBT G4611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 4611	001/63168	Th 10:40am - 11:45am 412 Kent Hall	Sonam Tsering	4	4/20
TIBT 4611	001/63168	T 11:00am - 12:15pm 412 Kent Hall	Sonam Tsering	4	4/20

TIBT G4612 Third Year Modern Colloquial Tibetan I and II. 4 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 2015: TIBT G4612

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 4612	001/20669	T Th 10:10am - 11:25am 412 Kent Hall	Sonam Tsering	4	5/15

TIBT W4411 Elementary Classical Tibetan II. 3 points.**Spring 2015: TIBT W4411**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 4411	001/13528	M W 11:00am - 12:50pm 352c International Affairs Bldg	Stephane Charitos, Paul Hackett	3	3/20

TIBT W4413 Intermediate Classical Tibetan II. 3 points.**Spring 2015: TIBT W4413**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
TIBT 4413	001/73413	M W 3:10pm - 5:00pm 352b International Affairs Bldg	Stephane Charitos, Paul Hackett	3	4/18

TIBT W4416 Advanced Classical Tibetan. 3 points.**TIBT W4550 Understanding Modern Tibet. 3 points. Not Offered During 2014-15 Academic Year.****VIET W1101 Elementary Vietnamese, I and II. 4 points. Not Offered During 2014-15 Academic Year.**

These courses introduce students to the linguistic and grammatical structures of Vietnamese, a major language of South East Asia.

Fall 2014: VIET W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 1101	001/26969	M W 12:00pm - 1:50pm 101 Kent Hall	James Lap	4	5

VIET W1102 Elementary Vietnamese, I and II. 4 points. Not Offered During 2014-15 Academic Year.

These courses introduce students to the linguistic and grammatical structures of Vietnamese, a major language of South East Asia.

Spring 2015: VIET W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIET 1102	001/61714	T Th 12:00pm - 1:40pm 101 Kent Hall	James Lap	4	6/20

VIET W1201 Intermediate Vietnamese, I and II. 4 points.

Prerequisites: *VIET W1101-W1102* or instructor's permission. These courses further develop students' familiarity with the linguistic and grammatical structures of Vietnamese, a major language of South East Asia.

VIET W1202 Intermediate Vietnamese, I and II. 4 points.

Prerequisites: *VIET W1101-W1102* or instructor's permission. These courses further develop students' familiarity with the linguistic and grammatical structures of Vietnamese, a major language of South East Asia.

OF RELATED INTEREST**Art History and Archaeology**

AHIS V3201 Arts of China

AHIS BC3976 Japanese Photography

AHIS BC3990 Japanese Prints: Images of Japan's Floating World

AHIS G4102 Chinese Art Under the Mongols

AHIS G4108 Painting of the Edo Period

AHIS G4112 Chinese Painting of the Ming Dynasty

AHIS G4113 Chinese Painting of the Northern Song Period

AHIS G4116 Chinese Painting of the Qing Dynasty

AHIS G4117 Chinese Painting of the Southern Song Period

AHIS G4119 Early Chinese Painting: Han Through Tang

AHIS G4121	Art and Architecture of the Heian and Kamakura Periods
AHIS G4123	Japanese Screen Painting
ANTH V2020	Chinese Strategies: Cultures in Practice
ANTH V2015	Chinese Society and Culture (formerly ANTH V3015)
ANTH V3015	Chinese Society
ANTH V3035	Religion in Chinese Society
ANTH V3106	Post-Socialist China: State, Society, and Globalization
ANTH V3876	Chinese Science and Medicine in East Asia and Beyond
ANTH V3912	Ethnographic China
ANTH V3912	Ethnographic China
ANTH G4018	Taiwan: History, Polity, Society
ANTH G4055	Buddhism and the visionary experience: a comparative study
ANTH G4151	Late Imperial China
ANTH G4156	The Korean Shaman Lens: Anthropology, Medicine, Popular Religion & Performance
ANTH G4620	Women, Power and the State In East Asian Society
ANTH G4643	Politics, Culture and Identity in Contemporary Taiwan
ANTH G4995	Contemporary Japan: Aesthetics, Politics, Technology

Colloquia, Interdepartmental Seminars, and Professional School Offerings

COCI C1102	Introduction To Contemporary Civilization
INSM W3950	Friendship in Asian and Western Civilization

Economics

ECON G4527	Economic Organization and Development of China
ECON G4527	Economic Organization and Development of China

History

HIST BC3861	Chinese Cultural History, 1500-1800
HIST BC3865	Gender and Power in China
HIST BC3866	Fashion in China
HIST W3943	Cultures of Empire
HIST BC4879	Feminist Traditions in China

Religion (Barnard)

RELI W4011	The Lotus Sutra in East Asian Buddhism
RELI W4401	Mountains and Sacred Space in Japan

Religion

RELI V2008	Buddhism: East Asian
RELI V2005	Buddhism: Indo-Tibetan

RELI V2008	Buddhism: East Asian
RELI V2405	Chinese Religious Traditions
RELI V2415	Japanese Religious Traditions
RELI V3000	Buddhist Ethics
RELI V3017	Buddhism & Violence
RELI V3410	Daoism
RELI V3411	Tantra in South Asia, East Asia, and the West
RELI W4006	Japanese Religion through Manga and Film
RELI W4010	Chan/Zen Buddhism
RELI W4011	The Lotus Sutra in East Asian Buddhism
RELI W4012	Buddhist Auto/Biography
RELI W4013	Buddhism and Neuroscience
RELI W4018	Interpreting Buddhism: Hermeneutics East and West
RELI W4020	Liberation and Embodiment in Indo-Tibetan Yoga Traditions
RELI W4030	Topics in Tibetan Philosophy
RELI W4035	Buddhist Contemplative Sciences
RELI W4040	Women and Buddhism in China
RELI W4401	Mountains and Sacred Space in Japan
RELI W4402	Shinto in Japanese History
RELI W4403	Bodies & Spirits in East Asia
RELI W4405	Ghosts and Kami
RELI W4412	Material Culture and the Supernatural in East Asia
RELI V2415	Japanese Religious Traditions
RELI V3017	Buddhism & Violence
RELI W4403	Bodies & Spirits in East Asia

ECOLOGY, EVOLUTION, AND ENVIRONMENTAL BIOLOGY

Departmental Office: 10th Floor Schermerhorn Extension;
212-854-9987
<http://www.columbia.edu/cu/e3b/>

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

Academic Department Administrator: Lourdes A.
Gautier, 1014B Schermerhorn Extension; 212-854-8665;
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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 (<http://www.amnh.org>), the New York Botanical Garden (<http://www.nybg.org>), the Wildlife Conservation Society (<http://www.wcs.org>), and the EcoHealth Alliance (<http://www.ecohealthalliance.org>). 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 the 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, 10th floor 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 of the human species 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.

FACULTY PROFESSORS

- Walter Bock (Biological Sciences)
- Steve Cohen (International and Public Affairs)
- Marina Cords (also Anthropology)
- Ruth DeFries
- Kevin Griffin (also Earth and Environmental Sciences)
- Paul Hertz (Barnard)
- Ralph Holloway (Anthropology)
- Darcy Kelley (Biological Sciences)
- Don Melnick (also Anthropology and Biological Sciences)
- Brian Morton (Barnard)
- Shahid Naeem
- Paul Olsen (Earth and Environmental Sciences)
- Robert Pollack (Biological Sciences)
- Maria Uriarte
- Paige West (Barnard)

ASSOCIATE PROFESSORS

- Hilary Callahan (Barnard)
- Maria Diuk-Wasser
- Dustin Rubenstein

ASSISTANT PROFESSORS

- Krista McGuire (also Barnard)
- Duncan Menge

LECTURERS

- Joshua Drew
- Matthew Palmer

- Jill Shapiro

ADJUNCT FACULTY/RESEARCH SCIENTISTS

Columbia University

- Natalie Boelman (Lamont-Doherty)
- Cheryl Palm (Earth Institute Agriculture & Food Security Center)
- Dorothy Peteet (Lamont-Doherty)
- Miguel Pinedo-Vásquez (Center for Environmental Research and Conservation)
- Pedro Antonio Sanchez (Earth Institute Agriculture & Food Security Center)
- William Schuster (Center for Environmental Research and Conservation)

American Museum of Natural History

- George Amato
- Mary Blair
- Daniel Brumbaugh
- James Carpenter
- Joel Cracraft
- Rob DeSalle
- Eunsoo Kim
- Christopher Raxworthy
- Mark Siddall
- Nancy Simmons
- Brian Smith
- John Sparks
- Eleanor Sterling
- Melanie Stiassny
- Ward Wheeler

The New York Botanical Garden

- Michael Balick
- Roy Halling
- Charles Peters
- Dennis Stevenson

Wildlife Conservation Society

- Carter Ingram
- Martin Mendez
- Robert Rose
- Howard Rosenbaum
- Eric Sanderson
- Scott Silver
- Patrick R. Thomas

Ecohealth Alliance

- Peter Daszak
- Parvies Hosseini
- Kevin Olival
- Melinda Rostal

Cary Institute of Ecosystem Studies

Joshua Ginsberg

NYC Audubon

- Susan Elbin

Woods Hole

- Michael T. Coe

REQUIREMENTS

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 W2001	Environmental Biology I: Elements to
- EEEB	Organisms
W2002	and Environmental Biology II: Organisms
	to the Biosphere

Two terms of environmental science such as the following:

EESC V2100	Earth's Environmental Systems: Climate
EESC V2200	Earth's Environmental Systems: Solid
	Earth

Two terms of chemistry such as the following:

CHEM	General Chemistry I (Lecture)
C1403	and General Chemistry II (Lecture)
- CHEM	
W1404	

One term of physics such as the following:

PHYS V1201	General Physics (or higher)
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One term of statistics such as the following:

STAT W1111	Introduction to Statistics (without
	calculus)

STAT W1211 Introduction to Statistics (with calculus)
 BIOL BC2286 Statistics and Research Design
 EEEB W3005 Introduction to Statistics for Ecology and Evolutionary Biology

One term of calculus such as the following:

MATH Calculus I
 V1101

MATH Calculus II
 V1102

MATH Calculus III
 V1201

MATH Calculus IV
 V1202

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 W3991- EEEB W3992 Senior 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 W2001 Environmental Biology I: Elements to
 - EEEB Organisms
 W2002 and Environmental Biology II: Organisms to the Biosphere

Two terms of chemistry such as the following:

CHEM General Chemistry I (Lecture)
 C1403 and General Chemistry II (Lecture)
 - CHEM
 W1404

Chemistry laboratory such as the following:

CHEM General Chemistry Laboratory
 W1500

Two terms of physics such as the following:

PHYS V1201 General Physics
 - PHYS and General Physics
 V1202

One term of statistics such as the following:

STAT W1111 Introduction to Statistics (without calculus)

STAT W1211 Introduction to Statistics (with calculus)

BIOL BC2286 Statistics and Research Design

EEEB W3005 Introduction to Statistics for Ecology and Evolutionary Biology

Two terms of calculus, or one term of calculus and second advanced course in math or statistics such as the following:

MATH Calculus I
 V1101

MATH Calculus II
 V1102

MATH Calculus III
 V1201

MATH Calculus IV
 V1202

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 W3031 Genetics or BIOL BC2100 Molecular and Mendelian Genetics 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 W3991 - EEEB W3992

Senior 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 biology/chemistry or calculus.) Please speak with the major adviser about the extended list of courses from related areas including archaeology; anthropology; biology; biomedical engineering; ecology, evolution and environmental biology; earth and environmental science; and psychology that may be acceptable.

For example, students interested in focusing on paleoanthropology would complement the requirements with courses focusing on the specifics of human evolution and morphology, evolutionary biology and theory, geology, systematics, and statistics.

Required Courses

EEEB V1010 Human Origins & Evolution

EEEB W1011 Behavioral Biology of the Living Primates

Conservation Courses

EEEB W3087 Conservation Biology (Alternatively, students may participate in SEE-U in Brazil, Jordan or India in fulfillment of this course requirement.)

EEEB W3240 Challenges and Strategies of Primate Conservation

Theoretical Foundation from Related Fields

Alternate options may be possible for all courses other than EEEB V1010 Human Origins & Evolution and EEEB W1011 Behavioral Biology of the Living Primates, on an individual basis in consultation with the major/concentration adviser.

Select one course from each subset below:

Cultural Anthropology

ANTH V1002 The Interpretation of Culture

ANTH V2004 Introduction to Social and Cultural Theory

ANTH V3040 Anthropological Theory I

ANTH V3041 Anthropological Theory II

Archaeology

ANTH V1007 The Origins of Human Society

ANTH V2028 Pasts, Presents & Futures: An Introduction to 21st Century Archaeology

ANTH V3064 Death and the Body

Breadth Requirement

A minimum of 9 points, four of which may count toward the seminar requirement:

Genetics/Human Variation

EEEB W4340 Human Adaptation

EEEB W4700 Race: The Tangled History of a Biological Concept

BIOL W3031 Genetics

BIOL BC2100 Molecular and Mendelian Genetics

ANTH V3970 Biological Basis of Human Variation

Primate Behavioral Biology and Ecology

EEEB W3940 Current Controversies in Primate Behavior and Ecology

EEEB W4010 The Evolutionary Basis of Human Behavior

EEEB G4134 Behavioral Ecology

EEEB W3030 The Biology, Systematics, and Evolutionary History of the 'Apes' (if needed)

BIOL BC2280 Animal Behavior

PSYC W2420 Animal Behavior

PSYC W2450 Behavioral Neuroscience

PSYC W3450 Evolution of Intelligence and Consciousness (Seminar)

PSYC W3470 Brain Evolution: Becoming Human (Seminar)

PSYC BC1119 Systems and Behavioral Neuroscience

Human Evolution/Morphology

EEEB W3204 Dynamics of Human Evolution

EEEB W3208 Explorations in Primate Anatomy

EEEB W3030 The Biology, Systematics, and Evolutionary History of the 'Apes'

EEEB W3215 Forensic Osteology

EEEB W3220 The Evolution of Human Growth and Development

EEEB W3910 The Neandertals

ANTH G4147 Human Skeletal Biology I

ANTH G4148 Human Skeletal Biology II

ANTH W4200 Fossil Evidence of Human Evolution

BIOL W3002 Introduction to Animal Structure and Function

BIOL W3006 Physiology

BIOL BC2262 Vertebrate Biology

BIOL BC2278 Evolution

Additional courses in student's area of focus to complete the required minimum of 20 points of approved biological anthropology courses.

Seminar

At least one of the following four-point seminars which may also count toward the breadth requirement.

EEEB W3940 Current Controversies in Primate Behavior and Ecology

EEEB W3204 Dynamics of Human Evolution

EEEB W3910 The Neandertals

EEEB W3993 EBHS Senior Seminar
- EEEB and EBHS Senior Seminar
W3994

ANTH V3970 Biological Basis of Human Variation

It is strongly suggested that students intending to pursue graduate study in this field broaden their foundation by taking an introductory biology course (optimally EEEB W2001 Environmental Biology I: Elements to Organisms) or advanced evolution course, a 2000- or 3000-level genetics course, and a quantitative methods course. 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.

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 35 points, distributed as follows:

Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB W2001 Environmental Biology I: Elements to
- EEEB Organisms
W2002 and Environmental Biology II: Organisms
to the Biosphere (or equivalents)

Two terms of environmental science such as the following:

EESC V2100 Earth's Environmental Systems: Climate
- EESC V2200 and Earth's Environmental Systems: Solid
Earth

Two terms of chemistry such as the following:

CHEM General Chemistry I (Lecture)
C1403 and General Chemistry II (Lecture)
- CHEM
W1404

One term of statistics. Select one of the following:

STAT Introduction to Statistics (without
W1111 calculus)
STAT Introduction to Statistics (with calculus)
W1211
BIOL Statistics and Research Design
BC2286
EEEB Introduction to Statistics for Ecology and
W3005 Evolutionary Biology

Upper Division Courses

EEEB W3087 Conservation Biology

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 courses EEEB V1010 Human Origins & Evolution, EEEB W1011 Behavioral Biology of the Living Primates, EEEB W3087 Conservation Biology and three courses for the biological anthropology breadth distribution requirements as described for the major. Students must take a minimum of 15 points from biological anthropology courses as described for the major. The additional courses may be taken in other departments with adviser's approval.

Concentrators do not have to complete the theoretical foundation courses from cultural anthropology/archaeology or a seminar though the latter is recommended.

Approved Biological Anthropology Courses

Paleoanthropology and Morphology

EEEB V1010 Human Origins & Evolution
EEEB W3204 Dynamics of Human Evolution
EEEB W3208 Explorations in Primate Anatomy
EEEB W3215 Forensic Osteology
EEEB W3910 The Neandertals
ANTH G4147 Human Skeletal Biology I
- ANTH and Human Skeletal Biology II
G4148

ANTH G4200 Fossil Evidence of Human Evolution

Primate Behavioral Ecology and Evolution

EEEB W1011 Behavioral Biology of the Living Primates

EEEB W3940	Current Controversies in Primate Behavior and Ecology
EEEB W3030	The Biology, Systematics, and Evolutionary History of the 'Apes'
EEEB W4010	The Evolutionary Basis of Human Behavior

Human Variation

EEEB W4340	Human Adaptation
EEEB W4700	Race: The Tangled History of a Biological Concept
ANTH V3970	Biological Basis of Human Variation

Additional Courses

EEEB W3993	EBHS Senior Seminar
- EEEB W3994	and EBHS Senior 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 V2100	Earth's Environmental Systems: Climate
EESC V2200	Earth's Environmental Systems: Solid Earth
EESC V2300	Earth's Environmental Systems: Life Systems

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 W3015	The Earth's Carbon Cycle
EESC W4008	Introduction to Atmospheric Science

EESC W4050	Global Assessment and Monitoring Using Remote Sensing
EESC W4223	Sedimentary Geology
EESC W4550	Plant Ecophysiology
EESC W4835	Wetlands and Climate Change
EESC W4885	The Chemistry of Continental Waters
EESC W4917	Earth/Human Interactions
EESC W4926	Principles of Chemical Oceanography
EESC BC3017	Environmental Data Analysis
EESC BC3025	Hydrology

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 W2001	Environmental Biology I: Elements to Organisms
EEEB W2002	Environmental Biology II: Organisms to the Biosphere (equivalent to EESC V2300)
EESC V2100	Earth's Environmental Systems: Climate
EESC V2200	Earth's Environmental Systems: Solid Earth

Introductory Science (13 points)

Select one of the following chemistry sequences:

CHEM General Chemistry I (Lecture)
C1403 and General Chemistry II (Lecture)
- CHEM
W1404

CHEM Second Semester General Chemistry
C1604 (Intensive)
- CHEM and Intensive General Chemistry
W2507 Laboratory

One term of statistics such as the following:

STAT Introduction to Statistics (without
W1111 calculus)

STAT Introduction to Statistics (with calculus)
W1211

BIOL Statistics and Research Design
BC2286

EEEB Introduction to Statistics for Ecology and
W3005 Evolutionary Biology

EEEB W3087 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).

COURSES

EEEB W1001 Biodiversity. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

Not Offered During 2014-15 Academic Year.

In this course we will use genetics, evolutionary biology, and ecology to address three simple questions: What is biological diversity? Where can we find it? How can we conserve it? No previous knowledge of science or mathematics is assumed.

EEEB V1010 Human Origins & Evolution. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

Lab fee: \$25. 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. [Taught every fall.]

Fall 2014: EEEB V1010

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1010	001/67980	M W 11:40am - 12:55pm 602 Hamilton Hall	Jill Shapiro	3	55

EEEB W1011 Behavioral Biology of the Living Primates. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Discussion Section Required

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. Concurrent registration in EEEB 1111 is required.

Spring 2015: EEEB W1011

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 1011	001/76155	M W 11:40am - 12:55pm 516 Hamilton Hall	Marina Cords	3	17

EEEB W2001 Environmental Biology I: Elements to Organisms. 3 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 2014: EEEB W2001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 2001	001/17402	T Th 1:10pm - 2:25pm 413 Kent Hall	Shahid Naeem, Dustin Rubenstein	3	54

EEEB W2002 Environmental Biology II: Organisms to the Biosphere. 4 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required

Prerequisites: EEEB W2001.

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 2015: EEEB W2002

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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EEEB 001/74969 M W 1:10pm - 2:25pm Matthew 4 33
2002 517 Hamilton Hall Palmer

EEEB W2010 Tropical Biology. 4 points.

Enrollment limited to 9 students. **Not Offered During 2014-15 Academic Year.**

Prerequisites: One CU biology course recommended. Instructor's permission required.

Study ecology, evolution, and conservation biology in one of the world's most biologically spectacular settings, the wildlife-rich savannas of Kenya. The class will meet weekly in the second half of the spring semester, but the majority of the coursework will be completed during a three week field trip to Kenya occurring May/June. Students will spend their time immersed in an intensive field experience gaining sophisticated training in fieldwork and biological research. There is a \$1,500-2,000 lab fee to cover all in-country expenses, and students are also responsible for the cost of airfare to and from Kenya.

EEEB W3001 The Saga of Life. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

A survey of the origin and end of life on Earth as seen through three different lenses: natural science (physics, chemistry, biology), social science (environmental biology, sustainability science), and the humanities (film, literature, and religion). The primary objective of this course is to come to a fundamental understanding of the significance of Earth's extraordinary diversity of plants, animals, and microorganisms, and its magnificent array of ecosystems, from rainforests and grasslands to the abyssal plains of the oceans, and to do so through synthetic and integrative thinking that transcends the traditional boundaries of scholarship. Maximum enrollment: 20.

EEEB W3005 Introduction to Statistics for Ecology and Evolutionary Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Some background in ecology, evolutionary biology, and/or statistics is recommended.

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 2014: EEEB W3005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3005	001/60305	T 1:10pm - 2:25pm 253 Engineering Terrace	David Madigan	3	16

EEEB W3011 Behavioral Biology of the Living Primates. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Discussion Section Required

Prerequisites: Introductory biology course in organismal biology and instructor's permission.

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. Concurrent registration in EEEB 3111 is required.

Spring 2015: EEEB W3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3011	001/25054	M W 11:40am - 12:55pm 516 Hamilton Hall	Marina Cords	3	3

EEEB W3030 The Biology, Systematics, and Evolutionary History of the 'Apes'. 3 points.

Prerequisites: Open to undergraduates who have taken EEEBV1010, EEEBV1011 or the \nequivalent. Other students who are interested should speak with the \ninstructor. Enrollment limited to 25.

This course focuses on our closest relatives, the extant apes of Africa and Asia. We will explore the nature and extent of the morphological, genetic, and behavioral variability within and among these forms. Using this framework, we will then analyze questions of systematics and trace the evolutionary development of the hominoids during the Miocene, the epoch that saw the last common ancestor of today's gibbons, orang utans, gorillas, chimpanzees and humans. Maximum enrollment 25. [Taught every other year.]

EEEB W3087 Conservation Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

Prerequisites: Introductory organismal biology course, ideally EEEB 2002.

Applications of biological principles to the conservation of biodiversity. Because conservation biology is a cross-disciplinary field, some of the social, philosophical, and economic dimensions of biological conservation are also addressed.

Spring 2015: EEEB W3087

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3087	001/62269	M 4:10pm - 6:00pm 1015 Ext Schermerhorn Hall	Sacha Spector	3	15

EEEB W3204 Dynamics of Human Evolution. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: When taught by Shapiro, prerequisite of V1010 (Human Species) or the equivalent.

Seminar focusing on recent advances in the study of human evolution. Topics include changing views of human evolution with respect to early hominin behavior, morphology, culture and evolution. [Enrollment limited to 13, priority given to EBHS majors/concentrators.] [Either Dynamics of Human Evolution or Neandertals is taught every other year.]

EEEB W3208 Explorations in Primate Anatomy. 3 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: EEEB V1010 or V1011 or instructor approval
Introductory laboratory course in primate skeletal anatomy. From tarsiers to talapoin, guenons to gibbons, through hands-on expertise students explore the amazing range and diversity of the living members of this order. Enrollment limited to 14. [Taught every other year.]

Spring 2015: EEEB W3208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3208	001/13628	T Th 1:10pm - 2:25pm 865 Schermerhorn Hall	Jill Shapiro	3	11/14

EEEB W3215 Forensic Osteology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Not Offered During 2014-15 Academic Year.

Prerequisites: No prior experience with skeletal anatomy required. Not appropriate for students who have already taken either G4147 or G4148.

An exploration of the hidden clues in your skeleton. Students learn the techniques of aging, sexing, assessing ancestry, and the effects of disease, trauma and culture on human bone. Enrollment limited to 15. Priority given at first class session to EBHS majors/concentrators. [Taught every other year.]

EEEB W3215 (Section 1) Forensic Osteology. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: No prior experience with skeletal anatomy required though students must contact instructor for permission to register. Not appropriate for students who have already taken either G4147 or G4148.

An exploration of the hidden clues in your skeleton. Students learn the techniques of aging, sexing, assessing ancestry, and the effects of disease, trauma and culture on human bone. Enrollment limited to 15. Priority given to EBHS majors/concentrators. [Taught every other year.]

EEEB W3220 The Evolution of Human Growth and Development. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: EEEBV1010 or ANTHV1007 or Instructor 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. [Taught intermittently.]

Spring 2015: EEEB W3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3220	001/10185	T Th 11:40am - 12:55pm 424 Pupin Laboratories	Jessica Manser	3	14/20

EEEB W3230 Late Pleistocene Paleoanthropology of Southeast Asia and Australia. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Not Offered During 2014-15 Academic Year.

Prerequisites: EEEBV1010 or ANTHV1007 or Instructor permission.

Given recent intriguing insights into Southeast Asian and Australian human evolution, this course presents a topical and comprehensive analysis of the region's paleoanthropological record. Issues of origins, isolation and extinctions are explored using evidence from morphology, archaeology, and genetics. [Taught intermittently.]

EEEB W3240 Challenges and Strategies of Primate Conservation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: EEEBV1010 Human Species or EEEBV1011 Behavioral Biology of Living Primates.

Throughout their range, numerous primate species are on the brink of extinction. This course examines the central issues relating to conservation of wild primates and explores strategies and solutions for preserving these endangered populations. Through the analysis of the ecological and social traits linked to vulnerability and the direct and indirect threats from human activities, students will gain a practical understanding of how to develop successful, sustainable, and practical conservation strategies. (Max enrollment-20. EBHS students have priority)

EEEB W3250 Method and Theory in Biological Anthropology. 4 points.

CC/GS: Partial Fulfillment of Science Requirement
Not Offered During 2014-15 Academic Year.

Prerequisites: EEEB V1010 Human Species or EEEBV1010 Behavioral Biology of Living Primates

This course examines what it means to *do* scientific research, using the three main foci of the field of biological anthropology—paleoanthropology, primate behavioral biology, and human variation/adaptation—to understand how questions are developed and how different methods are used to examine hypotheses. Through structured discussion and critical analysis of primary literature, students will move beyond learning

the facts of biological anthropology to an understanding of the process of developing and interpreting research. [Max 13 students] [Taught intermittently.]

EEEB W3910 The Neandertals. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: EEEB V1010 Human Species or ANTH V1007 One hundred and fifty years after discovery Neandertals remain one of the most enigmatic hominin taxa. What do we understand today about their biology, subsistence, culture, cognitive abilities and eventual fate? Are they simply extinct relatives or do their genes continue in many of us today? In this seminar students critically examine the primary research as we attempt to find answers to some of these questions. [Limited to 13 students. EBHS majors/concentrators have priority at first class session.] [Offered every other year/rotating with Dynamics of Human Evolution.]

EEEB W3915 Comparative Social Evolution. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: instructor's permission

This collaborative course co-taught with experts from four universities will explore the diversity of social life on earth. Weekly course meetings will connect undergraduate students from around the country to explore social evolution in a comparative context. Through a combination of primary literature, lectures by leaders in the field, inter-collegiate discussions using social media, and student-led data analysis and comparative projects, students will gain different perspectives on social evolution from some of the world's leaders in the field.

EEEB W3920 Tropical Biology and Sustainability. 4-16 points.

course consists of 6 separate modules, offered in rotation of four, each worth 4 points

Prerequisites: EEEB W2001 and W2002 (Environmental Biology I and II), or instructor's permission

The program will consist of four 4-credit courses. Courses will be taught sequentially in 3-week modules. Courses include Biology of African Animals and Ecosystems, Tropical Agriculture, Ecology and Conservation of African Landscapes, Water, Energy and Ecosystems, Ecology and Conservation of African Landscapes, Natural History of Africa Mammals and Sustainable Development in Practice.

EEEB W3925 Tropical Biology and Sustainability. 4-16 points.

course consists of 6 separate modules, offered in rotation of four, each worth 4 points

Prerequisites: EEEB W2001 and W2002 (Environmental Biology I and II), or instructor's permission

The program will consist of four 4-credit courses. Courses will be taught sequentially in 3-week modules. Courses include Biology of African Animals and Ecosystems, Tropical Agriculture, Ecology and Conservation of African Landscapes, Water, Energy and Ecosystems, Ecology and Conservation of African Landscapes, Natural History of Africa Mammals and Sustainable Development in Practice.

EEEB W3940 Current Controversies in Primate Behavior and Ecology. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: EEEB V1011 or the equivalent Critical in-depth evaluation of selected issues in primate socioecology, including adaptationism, sociality, sexual competition, communication, kinship, dominance, cognition, and politics. Emphasizes readings from original literature. Enrollment limited to 15. Taught every 2 years.

EEEB W3991 Senior Seminar. 3 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 2014: EEEB W3991

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3991	001/61322	Th 4:10pm - 6:00pm Room TBA	Matthew Palmer, Jenna Lawrence	3	3

Spring 2015: EEEB W3991

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3991	001/14200	Th 4:10pm - 6:00pm Room TBA	Matthew Palmer, Jenna Lawrence	3	15

EEEB W3992 Senior Seminar. 3 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 2014: EEEB W3992

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 3992	001/24174	Th 4:10pm - 6:00pm Room TBA	Matthew Palmer, Jenna Lawrence	3	5

Spring 2015: EEEB W3992

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment					
EEEEB 3992	001/70285	Th 4:10pm - 6:00pm Room TBA	Matthew Palmer, Jenna Lawrence	3	3	EEEEB 3997	004/74783	Marina Cords	1-3	1
						EEEEB 3997	005/29603	Kevin Griffin	1-3	1
						EEEEB 3997	006/01387	Rebecca Calisi-Rodriguez	1-3	1

EEEEB W3993 EBHS Senior Seminar. 4 points.

Four points for the year-long course

Prerequisites: Instructor 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.

Fall 2014: EEEB W3993

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 3993	001/18167	Th 6:10pm - 8:00pm 865 Schermerhorn Hall	Jill Shapiro	4	5

EEEEB W3994 EBHS Senior Seminar. 4 points.

Four points for the year-long course

Prerequisites: Instructor 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 2015: EEEB W3994

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 3994	001/19231	Th 6:10pm - 8:00pm 865 Schermerhorn Hall	Jill Shapiro	4	4

EEEEB W3997 Independent Study. 1-3 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 2014: EEEB W3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 3997	001/92095		Matthew Palmer	1-3	1
EEEEB 3997	002/69283		Jill Shapiro	1-3	0
EEEEB 3997	003/13026		Dustin Rubenstein	1-3	2

EEEEB W3998 Independent Study. 1-3 points.

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 2015: EEEB W3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 3998	001/67010		Matthew Palmer	1-3	0
EEEEB 3998	002/67346		Jill Shapiro	1-3	2
EEEEB 3998	003/27701		Marina Cords	1-3	1

EEEEB W4010 The Evolutionary Basis of Human Behavior. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: Intro course in evolutionary biology, e.g. EEEB V1010, V1011 or W2001, or instructor's permission

This course addresses the role of evolution in contemporary human social behavior, including such topics as kin selection, sexual selection, parenting, altruism, and conflict. Populations explored will include both industrialized and traditional societies, with an emphasis on the interaction between evolutionarily-influenced behavior and the local ecological context. [Offered intermittently.]

EEEEB W4015 Animal Communication: A Primate Perspective. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: EEEB V1010 Human Species or EEEBV1011 Behavioral Biology of Living \nPrimates or Animal Behavior or instructor permission.

Animals employ a staggering diversity of sounds, gestures, and chemicals to communicate. This course examines the four primary signal systems--vocal, visual, chemical, and tactile--used by primates and the various ecological, social, and physiological factors that relate to their evolution. Using current research, historical perspectives, and hands-on lab exercises, students will explore the central issues of animal communication as they relate to primates. [Max 20. EBHS students have priority] [Offered intermittently.]

EEEB G4030 Phylogenomics: A Hands-On Course Exploring Phylogeny and Genomics. 3 points.
Not Offered During 2014-15 Academic Year.

A hands on course in genome level evolutionary approaches. The course will examine the approaches and technology involved in genome level data collection and analysis. Whole genome scans for population genetics and whole genome phylogenetics are two of the major subjects to be covered. The course will include a session in each class studying computer programs that are commonly used in both population genetics and phylogenetics at the genome level.

Spring 2015: EEEB G4030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4030	001/69081	Th 12:30pm - 2:00pm Room TBA	Robert DeSalle	3	7

EEEB W4060 Invasion Biology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: A course in Environmental Biology or instructor's permission

This course examines the spread of non-indigenous species to habitats and areas outside their home range, and the effects, both negative and positive, that establishment of new species may have in different environments. Using lectures, class discussions and student presentations, we will examine the processes and major vectors that can lead to the introduction of non-indigenous species, the interaction between species' and habitat characteristics in determining the success of a potential invader, and the political and economic consequences of invasive species management actions. Two proposed day trips will also expose students to some practical methods that aim to limit the introduction and spread of potentially damaging invasive species in local terrestrial and marine environments.

EEEB G4086 Ethnobotany: the Study of People and Plants. 3 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.

EEEB G4100 Forest Ecology. 4 points.

Lab Required

Prerequisites: one year of college biology

Fall 2014: EEEB G4100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4100	001/21198	T 11:30am - 1:30pm 1015 Ext Schermerhorn Hall	Matthew Palmer, Kevin Griffin	4	11/0

EEEB 4100	001/21198 F 9:00am - 1:00pm 1015 Ext Schermerhorn Hall	Matthew Palmer, Kevin Griffin	4	11/0
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EEEB W4110 Coastal and Estuarine Ecology. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Environmental Biology I or equivalent
 Environments close to shore are hugely ecologically important, not least in terms of their contributions to biodiversity, primary and secondary productivity. Coastal and Estuarine Ecology introduces students to a range of nearshore habitats and biota, the processes that operate in these environments, and potential threats through, for example, habitat destruction and alteration, overfishing, and climate change. Field research makes up a large component of the course and its assessment, with students given the opportunity to build proficiency in field observation and enquiry through either several short field trips or a week-long trip to a dedicated marine station. The specific structure of the trip(s) will be determined during the fall, with more details and regular updates listed on the Courseworks site.

Fall 2014: EEEB W4110

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4110	001/63586	T Th 8:40am - 9:55am 402 Hamilton Hall	Joshua Drew	4	14/15

EEEB W4111 Ecosystem Ecology and Global Change. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Discussion Section Required

This course will provide an introduction to ecosystem ecology. Topics include primary production carbon storage, nutrient cycling, and ecosystem feedbacks to climate change. By the end of the course, students will be well versed in the basics of ecosystem ecology and have exposure to some current areas of research. Topics covered will include some aspects that are well established and others that are hotly debated among scientists. Throughout the course, students will be encouraged to think independently and act like research scientists.

EEEB W4112 Ichthyology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Fish are an incredibly diverse group with upwards of 27,000 named species. They are important ecologically, represent one of the major vertebrate lineages and face numerous conservation threats. This course will provide students with the tools to understand how the evolution, systematics, anatomy, and diversity of fishes influence their conservation status.

EEEB W4115 Historical Ecology. 3 points.

Prerequisites: EEEB W2001 and EEEB W2002 or equivalent

This will be an interdisciplinary course that seeks to understand how modern ecosystems have been altered over the recent past. Drawing on tools from history, archaeology, anthropology, paleontology, oceanography and ecology this class will focus on equipping students with the skills to adequately assess the factors which have influenced the present distribution and assembly of biodiversity in a particular area. We will apply these skills to understanding the historical ecology of the New York City region and beyond.

Spring 2015: EEEB W4115

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4115	001/12898	M W 10:10am - 11:25am 1015 Ext Schermerhorn Hall	Joshua Drew	3	6/20

EEEB G4120 Islands: Ecology, Evolution, & Conservation. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Graduate standing or instructor's permission
Examination of island biology focusing on ecological explanations for current biotic distributions and ecological theories, and explanations for island biodiversity, including adaptive radiation, the taxon cycle, island biogeography, and metapopulation dynamics. Includes applications to conservation issues.

EEEB W4122 Fundamentals of Ecology and Evolution. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: EEEB W2001 and W2002 or equivalent or permission of instructor
An advanced survey of the basic concepts and theories of ecology and evolution, with particular emphasis on topics relevant to conservation biology. By the end of the course students will have (1) gained a thorough knowledge of the intellectual history and intersections of these two disciplines, (2) forged some clear links between conservation, ecology, and evolution, and (3) gained quantitative confidence in the use of some basic models in ecology and evolution.

Fall 2014: EEEB W4122

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4122	001/12541	M W 9:00am - 10:50am 1015 Ext Schermerhorn Hall	Joel Cracraft, Duncan Menge	4	12

EEEB G4126 Introduction to Conservation Genetics. 3 points.

In this course, we will use evolutionary genetic principles and population genetic models to describe the extent and distribution of genetic variation in populations and species,

and determine ways to conserve it. A basic knowledge of genetics and mathematics is assumed.

Spring 2015: EEEB G4126

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4126	001/67470	W 12:10pm - 2:00pm 1015 Ext Schermerhorn Hall	Don Melnick	3	8/12

EEEB G4127 Disease Ecology and Conservation. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Instructor's permission.
Enrollment limited to 25. Introduction to wildlife diseases, disease ecology and conservation, ecosystem health, and conservation medicine.

EEEB W4128 Management of Ecosystems and Landscapes. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Not Offered During 2014-15 Academic Year.

Prerequisites: coursework in biology, ecology and anthropology
Local groups have changed landscapes and managed tropical ecosystems more actively than was previously acknowledged. Recent findings and debates concerning environmental management and the benefits and limitations of applying localmanagement practices to contemporary conservation and development efforts are studied.

EEEB G4130 Restoration and Urban Ecology. 4 points.

Lab Required
Not Offered During 2014-15 Academic Year.

Prerequisites: Instructor's permission
Maximum enrollment: 14. Course fee: \$50. Offered in collaboration with the Wildlife Trust's NY Bioscape Initiative, the course will examine themes of restoration and urban ecology. Class time will be spent discussing the ecology of natural spaces in human-dominated landscapes, and the theory and practice of restoration ecology. Guests lectures, and occasional all day field trips on Fridays.

EEEB G4134 Behavioral Ecology. 4 points.

Prerequisites: Graduate students: EEEB 6110 and permission of instructor \nUndergraduate students: PSYCH W2420 or BC BIOL 3280 and permission of instructor
An examination of evolutionary and behavioral ecological theory. The course will focus on natural selection, kin selection, and sexual selection, as well as related topics including cooperation, conflict, cooperative breeding, signaling, sex allocation, reproductive skew, and alternative mating strategies among others. Emphasis will be placed on understanding the theoretical bases of these theories, as well as empirical tests of these concepts. The course is writing

intensive and written assignments will encourage critical assessment of theory, experimental design, and data analysis.

EEEB G4138 Molecular Ecology. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Courses in genetics, cell/molecular biology, evolutionary biology, instructor's permission
 This course will explore various methods of statistical inference of ecological patterns and processes using molecular data. Students will learn the foundations for the molecular identification of populations to species, and apply various analytical methods to real data sets. The course will use real data for the inference of population structure and migration, growth and decline, detection of demographic bottlenecks and natural selection. Species-level issues will focus on issues of divergence and diversity. We will end up with a view of the future techniques and approaches in the field.

EEEB G4140 Ornithology. 3 points.

Prerequisites: EEEB W2001, EEEB W2002, 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 2014: EEEB G4140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4140	001/29671	W 6:10pm - 8:00pm 1015 Ext Schermerhorn Hall	Susan Elbin	3	20

EEEB W4150 Theoretical Ecology. 2 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required

Prerequisites: Calculus, Introductory Biology
 This course will provide an introduction to theoretical ecology. Topics will include population, community, ecosystem, disease, and evolutionary ecology. Lectures will cover classic and current concepts and mathematical approaches. The numerical analysis laboratory will cover computational tools for numerical and graphical analysis of the models we cover in lecture, using MATLAB. By the end of the course, students will be well versed in the basics of theoretical ecology and will be able to read theoretical ecology literature, analyze and simulate mathematical models, and construct and analyze their own simple models.

Fall 2014: EEEB W4150

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4150	001/22866	M W 1:10pm - 2:25pm 1015 Ext Schermerhorn Hall	Duncan Menge	2	12

EEEB G4165 Pathogen Evolution: Genes, Organisms, Populations, & Ecosystems. 3 points.
Not Offered During 2014-15 Academic Year.

A seminar-based course aimed at examining the pathogenic virulence, emergence in new host species, co-evolution of pathogens and multi-host disease dynamics from an evolutionary perspective.

EEEB G4180 The Other Greenhouse Gases. 3 points.

Prerequisites: Graduate standing in E3B or DEES or approval of instructor.

Methane and nitrous oxide trap ~25 and ~300 times as much heat per molecule as carbon dioxide, and their atmospheric concentrations have risen sharply due to anthropogenic activity, yet they have received much less attention than carbon dioxide in the popular press as well as the scientific literature. In this seminar course we will learn about the current state of ecological knowledge and explore cutting-edge ecological questions surrounding these fascinating gases. By the end of the course, students will have a current understanding of the ecology and biogeochemistry of methane and nitrous oxide, and will hopefully have some ideas about where the field should head.

EEEB G4184 Plant Conservation: Theory and Practice. 3 points.

Not Offered During 2014-15 Academic Year.

A review of the theoretical and practical considerations surrounding the conservation of plant diversity. The focus on diversity ranges from genes to communities and will be applied to both natural and cultivated systems. The practical considerations concerning the social and regulatory context of conservation projects will be explored through case studies and field trips for projects in the New York region.

EEEB G4185 Insect Ecology and Conservation. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: graduate standing or instructor's permission
 This course presents an overview of the ecology and conservation of Earth's most diverse group of organisms--the insects. Ecological concepts, as they apply to insects will comprise the first part of the course and how these concepts are applied to the conservation of this important taxon are the focus of the second.

EEEB W4192 Introduction to Landscape Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required

Prerequisites: SDEV W3390 or EESCW4050 or permission of instructor

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.

EEEB W4195 Marine Conservation Ecology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: EEEB G6110, EEEB G6112, or EEEB G6990, basic statistics, or permission of instructor

This course provides an overview of marine ecology, introducing processes and systems from which the marine environment is formed and the issues and challenges which surround its future conservation. The course includes a spring break trip that is a requirement. There is a course fee of \$1800 to cover expenses incurred on the trip. While in Belize, students will spend 1.5 hours every day in the water and thus, need to be able to swim and practice appropriate water safety. Final enrollment in the course will be determined by a water safety test conducted within the first two weeks of classes. Course offered during spring 2014 without the Belize field trip component.

EEEB G4200 Natural History of the Mammals. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: Introductory course in Biology or Evolution

This taxon-based course provides students with a basic understanding of the diversity and natural history of the mammals. Broad coverage of mammalian biology includes: morphological adaptations, evolutionary history, ecology, social behavior, biogeography, and conservation.

EEEB G4210 Herpetology. 3 points.

Not Offered During 2014-15 Academic Year.

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 2015: EEEB G4210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4210	001/20953	T 10:10am - 12:00pm 1015 Ext Schermerhorn Hall	Matthew Palmer	3	16/16
EEEB 4210	001/20953	Th 9:00am - 12:00pm Room TBA	Matthew Palmer	3	16/16

EEEB W4240 Animal Migration in Theory and Practice. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
enrollment limit 25, field trips will be scheduled

This course presents an overview of migration, from the selective pressures animals face in migrating to the mechanisms of navigation and orientation. We will explore migration in a variety of animal taxa. Bird migration will be studied in-depth, as birds exhibit some of the most spectacular long distance migrations and are the most well-studied of animal migrators. The challenges of global climate change and changing land use patterns, and how species are coping with them, will also be explored.

EEEB W4248 Introduction to Population Genetics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

At its root, evolution can be described as changes in the genetic composition of populations and other higher order taxonomic grouping. The course traces the effects of individual and population phenomena on the processes of genetic change.

EEEB G4250 Understanding Nature Through Observation and Experiment. 3 points.

Discussion Section Required

Not Offered During 2014-15 Academic Year.

Prerequisites: Statistics, core E3B graduate courses, or instructor's permission

An exploration of how contemporary scientific research in the natural sciences uses observation, experiment, and statistics to evaluate ecological and evolutionary theory.

EEEB G4260 Food, Ecology, and Globalization. 3 points.

enrollment limited to 30 students

Prerequisites: Instructor's permission

This class examines the social, ecological, and political economic roles of what and how we eat from a global perspective.

Spring 2015: EEEB G4260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4260	001/14386	T 6:10pm - 8:00pm 1015 Ext Schermerhorn Hall	Sharon Akabas, Eleanor Sterling	3	24/30

EEEB G4280 Writing about global science for the international media. 3 points.

Not Offered During 2014-15 Academic Year.

This is an interdisciplinary workshop for scientists, future NGO workers and journalists seeking skills in communicating 21st century global science to the public. Scientists will be given journalism skills; journalists will learn how to use science as the basis of their story-telling.

EEEB W4321 Human Identity. 4 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 2014: EEEB W4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/11920	W 2:10pm - 4:00pm 507 Philosophy Hall	Robert Pollack, Marya Pollack	4	12

Spring 2015: EEEB W4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4321	001/21331	W 2:10pm - 4:00pm 311 Fayerweather	Robert Pollack, Marya Pollack	4	20

EEEB W4340 Human Adaptation. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: EEEB V1010 Human Species or ANTH V1007 Origins of Human Society or instructor permission

This course explores human adaptation from a biological, ecological and evolutionary perspective. From our earliest hominin ancestors in Africa to our own species' subsequent dispersal throughout the world, our lineage has encountered innumerable environmental pressures. Using morphological, physiological and behavioral/cultural evidence, we will examine the responses to these pressures that helped shape our unique lineage and allowed it to adapt to a diverse array of environments.

EEEB W4601 Biological Systematics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: evolution or organismal survey course
Phylogenetic systematics, particularly the molecular and analytical aspects of phylogeny reconstruction. Theory of systematics, character evaluation, molecular data types, methods of phylogeny reconstruction, optimality criteria, tree evaluation and comparison, and use of phylogenies in comparative biology.

EEEB G4620 Food, Ecology and Globalization.. 3 points.

Not Offered During 2014-15 Academic Year.

This class examines the social, ecological, and political-economic roles of what and how we eat from a global perspective. Discussion will include how people across cultures derive identity through food gathering, preparation, and eating systems, as well as the relationships between culture and diversity of food systems.

EEEB G4645 Cultural and Biological Diversity. 3 points.
enrollment limit 20**Not Offered During 2014-15 Academic Year.**

Prerequisites: Instructor's permission

This course examines the articulation of biological, linguistic, and cultural diversity.

EEEB G4650 Biodiversity and Ecosystem Processes. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: E3B courses in Ecology, Evolution and/or Biodiversity or instructor's permission.

Survey of current advances in scientific research that focuses on the role biodiversity plays in governing ecological processes (e.g., biogeochemistry, resisting invasion by exotic species, or stabilizing communities) and ecosystem services (e.g., soil fertility, water quality, climate regulation).

Spring 2015: EEEB G4650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4650	001/60061	M 12:10pm - 2:00pm 1015 Ext Schermerhorn Hall	Shahid Naeem	3	11

EEEB G4655 Biodiversity, Natural Resources and Conflict. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Environmental programs worldwide are fraught with disputes between groups of people over natural resources. Such conflict can be highly complex, may undermine or deter environmental conservation efforts, and may even foster violence. These conflicts often involve disagreements between different human parties that are divided by culture, social values, and perceptions about the ethics and appropriateness of how resources should be allocated or used. Combining specific case studies, ecological and social theory, and a complex systems approach, this course will enhance the proficiency of participants to understand, study, and manage natural resource-based conflicts. The course is designed for conservation scientists, environmental policymakers, rural development specialists, political ecologists, and conflict/peace workers.

EEEB W4660 Fish Biodiversity: Systematics and Evolution. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Not Offered During 2014-15 Academic Year.

Prerequisites: open to upper-level biology majors and graduate students

This taxon-based course will provide students with a broad overview and introduction to the biodiversity of fishes applying a phylogenetic approach and will investigate applications for fish conservation.

EEEEB G4666 Insect Diversity. 4 points.

Lab Required

Enrollment limited to 25. Priority given to undergraduate environmental biology majors. Introduction to phylogenetic relationships, evolution, and ecology of the major groups of arthropods, with emphasis on insects. Lab: identification of common families of spiders and insects of the northeastern United States.

Fall 2014: EEEB G4666

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 4666	001/63447	Th 3:00pm - 6:00pm Room TBA	David Grimaldi	4	5
EEEEB 4666	001/63447	T 9:00am - 10:50am 601b Fairchild Life Sciences Bldg	David Grimaldi	4	5

EEEEB W4700 Race: The Tangled History of a Biological Concept. 4 points.

Discussion Section Required

Prerequisites: No prerequisites. EBHS students have priority at first class session.

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. Enrollment limited to 15; EBHS majors/concentrators have priority at first class session. [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.

Fall 2014: EEEB W4700

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 4700	001/26339	M W 4:10pm - 5:25pm 951 Schermerhorn Hall	Jill Shapiro	4	14/15

EEEEB G4789 Biogeography. 3 points.

Prerequisites: degree in biological sciences or instructor's permission

Detailed review of modern biogeography from both an ecological and evolutionary perspective. Island biogeography, speciation, extinction, centers of origin and dispersal, cladistic vicariance biogeography, endemism, environmental change, and earth history and conservation applications.

Fall 2014: EEEB G4789

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 4789	001/88529	M 4:10pm - 6:00pm	Joel Cracraft	3	13

001 Museum Of Natural History

EEEEB G4800 Teaching Conservation Biology. 3 points.

Enrollment limited to 15. **Not Offered During 2014-15 Academic Year.**

The course will cover the diversity of venues in which conservation can be popularized or taught, the most effective ways and relevant theories in which to transmit this information, and how to evaluate success by the educator. Students will be expected to participate in an internship experience with the New York Botanical Garden, the American Museum of Natural History, or Wildlife Conservation Society, or affiliates during the semester.

EEEEB G4850 MA Thesis Development Seminar. 3 points.

Mandatory for all 1st year E3B MA students in thesis based program.

Incoming MA students aiming for the thesis-based program are guided through the process of defining a research question, finding an advisor, and preparing a research proposal. By the end of the semester the students will have a written research proposal to submit to potential advisors for revision. Subject to a positive review of the research proposal, students are allowed to continue with the thesis-based program and will start working with their advisor. The course will also provide an opportunity to develop basic skills that will facilitate the reminder of the student's stay at E3B and will help in their future careers.

Fall 2014: EEEB G4850

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 4850	001/28805	Th 11:30am - 1:00pm 1015 Ext Schermerhorn Hall	Joshua Drew	3	7

Spring 2015: EEEB G4850

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEEB 4850	001/10946	T 12:10pm - 2:00pm 1015 Ext Schermerhorn Hall	Joshua Drew	3	8

EEEEB G4851 MA Thesis Development Seminar. 3 points.

Mandatory for all 1st year E3B MA students in thesis based program.

Incoming MA students aiming for the thesis-based program are guided through the process of defining a research question, finding an advisor, and preparing a research proposal. By the end of the semester the students will have a written research proposal to submit to potential advisors for revision. Subject to a positive review of the research proposal, students are allowed to continue with the thesis-based program and will start working with their advisor. The course will also provide an opportunity to develop basic skills that will facilitate the

reminder of the student's stay at E3B and will help in their future careers.

EEEB W4910 Field Botany and Plant Systematics. 4 points.

CC/GS: Partial Fulfillment of Science Requirement, Lab Required

Prerequisites: Introductory biology sequence, including organismal biology.

Course fee \$50. Enrollment limited to 14 students. Priority given to E3B graduate students. A survey of vascular plants with emphasis on features of greatest utility in identifying plants in the field to the family level. This will be coupled with a survey of the major plant communities of northeastern North America and the characteristic species found in each. The course will consist of one lecture and one laboratory per week with several lab sessions extended to accommodate field trips to local and regional natural areas.

EEEB G4990 Thesis Development Seminar. 6 points.

This course is only open to E3B Ph.D. students.

Prerequisites: Mandatory for all 2nd year E3B Ph.D. students or instructor permission

This course will help guide E3B Ph.D. students towards candidacy by teaching them the skills necessary to be effective and independent scientists. Students will conduct an extensive literature review, write a preliminary dissertation proposal, and present their research ideas to the group on multiple occasions. Students will learn how to give and receive constructive written and oral feedback on their work.

Fall 2014: EEEB G4990

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EEEB 4990	001/23293	M 2:10pm - 4:00pm 1016 Ext Schermerhorn Hall	Dustin Rubenstein	6	4

OF RELATED INTEREST

Economics

ECON W4625 Economics of the Environment

Earth and Environmental Sciences

EESC W2330 Science for Sustainable Development

EESC W4050 Global Assessment and Monitoring Using Remote Sensing

EESC W4550 Plant Ecophysiology

EESC W4835 Wetlands and Climate Change

Political Science

POLS W4209 Game Theory and Political 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

Departmental Advisers: For a list of Economics Department advisers for the major, concentration, and interdepartmental majors, please see the departmental website (<http://www.columbia.edu/cu/economics/>).

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 W1105 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 department 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 major, the department has graduate student advisers, who are available by email 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 email. 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 (<http://www.columbia.edu/cu/economics/>) 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 (<http://www.columbia.edu/cu/economics/>) 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.

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 W4999 Senior Honors Thesis (a one-year course)
3. Receive at least a grade of A- in ECON W4999 Senior Honors Thesis.

Students must consult and obtain the approval of the departmental undergraduate director in order to be admitted to the workshop. Please note that ECON W4999 Senior Honors Thesis 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 W4999 Senior Honors Thesis) must have completed the core major requirements and speak with the director of undergraduate studies in the spring semester of their junior year. Normally no more than 10% of the graduating majors in the department each year may receive departmental honors. Please see the departmental honors section in the department FAQ page 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.

The Dean's Prize in Economics

Awarded to General Studies students for excellence in the study of Economics.

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.

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.

FACULTY PROFESSORS

- Marcellus Andrews (Barnard)
- Jushan Bai
- Jagdish N. Bhagwati
- Patrick Bolton (also Business School)
- André Burgstaller (Barnard)
- Alessandra Casella
- Yeon-Koo Che
- Pierre-André Chiappori
- Graciela Chichilnisky
- Richard Clarida
- Donald Davis
- Padma Desai (*emeritus*)
- Prajit Dutta
- Glenn Hubbard (also Business School)
- Navin Kartik
- Wojciech Kopczuk (also School of International and Public Affairs)
- W. Bentley McLeod (also School of International and Public Affairs)
- Perry Mehrling (Barnard)
- Massimo Morelli (also Political Science)
- Robert Mundell
- Serena Ng
- Brendan O'Flaherty
- Edmund S. Phelps
- Ricardo Reis
- Michael Riordan
- Jeffrey Sachs (also Earth Institute)
- Xavier Sala-i-Martin
- Bernard Salanié
- José A. Scheinkman
- Stephanie Schmitt-Grohé
- Rajiv Sethi (Barnard)
- Joseph Stiglitz (also Business School)
- Martín Uribe
- Miguel Urquiola (also School of International and Public Affairs)
- David Weiman (Barnard)
- David Weinstein (Chair)
- Michael Woodford

ASSOCIATE PROFESSORS

- Douglas Almond (also School of International and Public Affairs)

- Lena Edlund
- Katherine Ho
- Emi Nakamura (also Business School)
- Jon Steinsson
- Eric Verhoogen (also School of International and Public Affairs)
- Jonathan Vogel

ASSISTANT PROFESSORS

- Christopher Conlon
- Francois Gerard
- Supreet Kaur
- Jennifer La'O
- Qingmin Liu
- Suresh Naidu
- Jaromir Nosal
Pietro Ortoleva
- Miikka Rokkanen
- Christoph Rothe

LECTURERS

- Seyhan Arkonac
- Tri Vi Dang
- Sally Davidson
- Susan Elmes
- Sunil Gulati
- Caterina Musatti

ADJUNCT FACULTY

- Edward Lincoln
- Emanuel Moench
- Steven Olley
- Carl Riskin

ON LEAVE

- Profs. Ho, Vogel (2014-2015)
- Profs. Che, Nakamura (Fall 2014)
- Prof. Nosal (Spring 2015)

REQUIREMENTS

GUIDELINES FOR ALL ECONOMICS MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS

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 W1105	Principles of Economics
ECON W3211	Intermediate Microeconomics (it is recommended that this course be completed no later than the fall semester of the junior year)
ECON W3213	Intermediate Macroeconomics (it is recommended that this course be completed no later than the fall semester of the junior year)
ECON W3412	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 W1105 Principles of Economics	None
MATH V1101 Calculus I	
STAT W1211 Introduction to Statistics (with calculus)	MATH V1101 Calculus I
ECON W3213 Intermediate Macroeconomics	ECON W1105 Principles of Economics
ECON W3211 Intermediate Microeconomics	MATH V1201 Calculus III ECON W1105 Principles of Economics
ECON W3412 Introduction To Econometrics	MATH V1201 Calculus III STAT W1211 Introduction to Statistics (with calculus) ECON W3211 Intermediate Microeconomics or W3213
ECON 2000-level electives	ECON W1105 Principles of Economics

ECON W4370 Political Economy	ECON W3211 Intermediate Microeconomics ECON W3213 Intermediate Macroeconomics STAT W1211 Introduction to Statistics (with calculus) or POLS W4910	ECPS W4921 Seminar In Political Economy	ECON W3211 Intermediate Microeconomics ECON W3213 Intermediate Macroeconomics ECON W3412 Introduction To Econometrics or POLS W4911 ECON W4370 Political Economy
ECON W4211 Advanced Microeconomics	ECON W3211 Intermediate Microeconomics ECON W3213 Intermediate Macroeconomics Corequisites: MATH V2500 Analysis and Optimization or W4061 MATH V2010 Linear Algebra	ECPH W4950 Economics and Philosophy Seminar	ECON W3211 Intermediate Microeconomics ECON W3213 Intermediate Macroeconomics STAT W1211 Introduction to Statistics (with calculus)
ECON W4213 Advanced Macroeconomics ECON W4412 Advanced Econometrics	ECON W3211 Intermediate Microeconomics ECON W3213 Intermediate Macroeconomics ECON W3412 Introduction To Econometrics MATH V2010 Linear Algebra	Barnard electives	See Barnard bulletin
ECON W4413 Econometrics of Time Series and Forecasting	ECON W3211 Intermediate Microeconomics ECON W3412 Introduction To Econometrics Co-requisite: MATH V2010 Linear Algebra ECON W3213 Intermediate Macroeconomics	It is strongly recommended that students take ECON W3412 Introduction To Econometrics in the semester immediately following the completion of the statistics course.	
ECON W4280 Corporate Finance ECON W4020 Economics of Uncertainty and Information ECON V3025 Financial Economics ECON W4700 Financial Crises All other ECON 3000- and 4000-level electives	ECON W3211 Intermediate Microeconomics ECON W3213 Intermediate Macroeconomics STAT W1211 Introduction to Statistics (with calculus)	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 <u>concurrently</u> with the retaking of that core course. For example, if a student fails ECON W3211 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 <i>MATH V1201 Calculus III</i> , 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, <i>ECON W3211 Intermediate Microeconomics</i> , <i>ECON W3213 Intermediate Macroeconomics</i> , and <i>ECON W3412 Introduction To Econometrics</i> must be successfully completed before a student may enroll in a seminar.	
ECON W4911 Seminar In Microeconomics ECON W4913 Seminar In Macroeconomics ECON W4918 Seminar In Econometrics	ECON W3211 Intermediate Microeconomics ECON W3213 Intermediate Macroeconomics ECON W3412 Introduction To Econometrics	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 W1105 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 W3211 Intermediate Microeconomics and ECON W3213 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 completed. ECON W3412 Introduction To Econometrics may not be taken or retaken concurrently with a senior seminar. *Seminars do not count as electives.* Each seminar is limited to sixteen students, with priority given to seniors. For ECPS W4921 Seminar In Political Economy and ECON W4950 Economics and Philosophy Seminar, 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 Sign-up* page: <http://econ.columbia.edu/senior-seminars-sign>.

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 V1101 - MATH V1201	Calculus I and Calculus III
MATH V1207 - MATH V1208	Honors Mathematics A and Honors Mathematics B

In addition:

1. Students who receive a grade of D or F in MATH V1201 Calculus III must retake the course but may enroll in ECON W3211 Intermediate Microeconomics.
2. Students who receive a grade of D or F in MATH V1207 Honors Mathematics A may either retake the course or take MATH V1201 Calculus III and enroll in ECON W3211 Intermediate Microeconomics concurrently.

Statistics

Unless otherwise specified below, all students must take STAT W1211 Introduction to Statistics (with calculus), or a higher level course such as SIEO W3600 Introduction to Probability and Statistics, SIEO W4150 Introduction to Probability and Statistics, or STAT W4107 Introduction to Statistical Inference.

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 W4321	Development Economics and Economic Development
ECON BC3038 - ECON W4505	International Money and Finance and International Monetary Theory and Policy
ECON BC3019 - ECON W4400	Labor Economics and Labor Economics
ECON BC3047 - ECON W4500	International Trade and International Trade
ECON BC3039 - ECON W4625	Environmental and Natural Resource Economics and Economics of the Environment
ECON BC3041 - ECON G4235	Theoretical Foundations of Political Economy and 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.

Continuing Education Courses

The Department of Economics does not accept *any* of the courses offered through the School of Continuing Education 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 other than economics-philosophy major, students must complete a minimum of five lecture courses in the Columbia department. Students in the economics-philosophy major who declared prior to spring 2014 and economics concentration must complete a minimum of four lecture courses. Students in the economics-philosophy major who declare in or after spring 2014 are required to take a minimum of five lecture courses. 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 (declared prior to Spring 2014)	6	5	1

Economics-statistics (declared in Spring 2014 and beyond)	7	5	2
Economics-philosophy (declared prior to Spring 2014)	5	4	1
Economics-philosophy (declared in Spring 2014 and beyond)	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 V3025 Financial Economics and ECON V3265 The Economics of 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 W1105 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 (<http://www.columbia.edu/cu/economics>) 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. Summer courses taken from the department of economics at Columbia University do not need approval.

Instructions on how to request transfer credit approval can be found in the *Transfer Credit Information* page of the departmental website (<http://www.columbia.edu/cu/economics>) .

MAJOR IN ECONOMICS

Please read *Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors* (p. 384) above.

The economics major requires a minimum of 32 points in economics, 6 points in mathematics, and 3 points in statistics, for a total of 41 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. 384) above.

The economics concentration requires a minimum of 22 points in economics, 6 points in mathematics, and 3 points in statistics, for a total of 31 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. 384) above.

The Department of Economics, in collaboration with the Business School, 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 23 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 of 47 points as follows:

Economics Core Courses

All economics core courses

Finance Core Courses¹

ECON V3025 Financial Economics

ECON W4280 Corporate Finance

BUSI W3013 Financial Accounting
or IEOR E2261 Introduction to Accounting and Finance

*NOTE: The department considers BUSI W3013 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 V3265 The Economics of Money and Banking

ECON W4020 Economics of Uncertainty and Information

ECON W4213 Advanced Macroeconomics

ECON W4251 Industrial Organization

ECON W4412 Advanced Econometrics

ECON W4415 Game Theory

ECON W4465 Public Economics

ECON W4505 International Monetary Theory and Policy

or ECON BC3038 International Money and Finance

ECON G4526 Transition Reforms, Globalization and Financial Crisis

ECON W4700	Financial Crises
ECON BC3014	Entrepreneurship
ECON BC3017	Economics of Business Organization
BIOT W4180	Entrepreneurship in Biotechnology
BUSI W3021	Marketing Management
BUSI W3701	Strategy Formulation
BUSI W3703	Leadership in Organizations
HIST W3904	History of Finance
IEOR E3106	Introduction to Operations Research: Stochastic Models
IEOR E4700	Introduction to Financial Engineering
MATH V3050	Discrete Time Models in Finance
MATH W4071	Introduction to the Mathematics of Finance
POLS W3630	Politics of International Economic Relations
STAT W4290	Statistical Methods in Finance
STAT W4635	Stochastic Processes for Finance
STAT W4840	Theory of Interest

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 V3025 or ECON W4280 prior to taking their senior seminar.

¹ 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. 384) 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 53 points: 26 points in economics and 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 Calculus I
V1101 and Calculus II
- MATH and Calculus III
V1102 and Linear Algebra

- MATH
V1201
- MATH
V2010

MATH Honors Mathematics A
V1207 and Honors Mathematics B
- MATH
V1208

MATH Analysis and Optimization
V2500

Select three of the following:

MATH
E1210

MATH Calculus IV
V1202

Any mathematics course at the 3000-level or above

Statistics

Select one of the following:

SIEO Introduction to Probability and Statistics
W4150

STAT Introduction to Probability
W3105 and Introduction to Statistical Inference
- STAT
W3107

STAT Introduction to Probability
W4105 and Introduction to Statistical Inference
- STAT
W4107

Economics Seminar

Select an economics seminar

NOTE: (1) Students who fulfill the statistics requirement with STAT W3105 and STAT W3107, or with STAT W4105 and STAT W4107, may count STAT W3105 or STAT W4105 as one of the three required mathematics electives. (2) Students who choose either of the one year sequence (STAT W3105/ STAT W3107 or STAT W4105/ STAT W4107), must complete the year long sequence *prior* to taking ECON W3412. 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. 384) 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.

Students who declared prior to Spring 2014:

The economics-philosophy major requires a total of 44 points: 16 points in economics, 15 points in philosophy, 6 points in mathematics, 3 points in statistics, and 4 points in the interdisciplinary seminar as follows:

Economics Core Courses

ECON W1105 Principles of Economics

ECON W3211 Intermediate Microeconomics

ECON W3213 Intermediate Macroeconomics

Mathematics

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Select two of the following:

ECON W4020 Economics of Uncertainty and Information

ECON W4080 Globalization, Incomes and Inequality

ECON W4211 Advanced Microeconomics

ECON W4213 Advanced Macroeconomics

ECON W4228 Urban Economics

ECON G4235 Historical Foundations of Modern Economics: Adam Smith to J.M. Keynes
or ECON BC3041 Theoretical Foundations of Political Economy

ECON W4230 Economics of New York City

ECON G4301 Economic Growth and Development

ECON W4321 Economic Development

ECON W4370 Political Economy

ECON W4400 Labor Economics

or ECON BC3019 Labor Economics

ECON W4415 Game Theory

ECON W4438 Economics of Race in the U.S.

ECON W4465 Public Economics

ECON W4480 Gender and Applied Economics

ECON W4500 International Trade

or ECON BC3047 International Trade

ECON W4615 Law and Economics

ECON W4625 Economics of the Environment

or ECON BC3039 Environmental and Natural Resource Economics

ECON W4750 Globalization and Its Risks

ECON BC3011 Inequality and Poverty

Philosophy Courses

PHIL C1010 Methods and Problems of Philosophical Thought

PHIL V3411 Symbolic Logic

PHIL V3701 Ethics (or another adviser-approved course in moral or political philosophy)

PHIL V3551 Philosophy of Science
or PHIL W3960 Epistemology

PHIL G4561 Probability and Decision Theory
or PHIL G4565 Rational Choice

Seminar

ECPH W4950 Economics and Philosophy Seminar (or another seminar in philosophy or economics approved by advisers in both department)

Students who declare in Spring 2014 and beyond:

In addition to the above requirements, students are required to take:

1. ECON W3412 Introduction To Econometrics
2. A third economics elective; two of the three electives must be from the prescribed list above, and the remaining economics elective may be *any* elective at the 3000-level or above.

MAJOR IN ECONOMICS–POLITICAL SCIENCE

Please read *Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors* (p. 384) 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.

Students who declared prior to Spring 2014:

The economics–political science major requires a total of 54 points: 19 points in economics, 15 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 three areas, i.e. subfields: (1) American politics, (2) comparative politics, and (3) international relations. 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 W1105 Principles of Economics

ECON W3211 Intermediate Microeconomics

ECON W3213 Intermediate Macroeconomics

ECON W4370 Political Economy

Mathematics

Select a mathematics sequence

Statistical Methods

Select one of the following:

ECON W3412 Introduction To Econometrics (and one of the statistics courses listed under Guidelines for all Economics Majors, Concentrators, and Interdepartmental Major)

POLS W4911 Analysis of Political Data (and one of the statistics course listed under Guidelines for all Economics Majors, Concentrators, and Interdepartmental Majors)

POLS W4911 - POLS W4910 Analysis of Political Data and Principles of Quantitative Political Research

Economics Electives

Select two electives (6 points) at the 3000-level or above

Political Science Courses

Major subfield (9 points) - including the introductory course, all in one of the three subfields of American politics, comparative politics, or international relations, coordinated with the economics electives and approved in advance by the adviser

Minor subfield (6 points) - including the introductory course in another subfield, coordinated with the economics electives and approved by the adviser

Seminars

A Political Science Department seminar, to be approved in advance by the adviser, in the major subfield

ECPH W4921 Seminar In Political Economy

NOTE: POLS W4910 Principles of Quantitative Political Research is not equivalent to STAT W1211 Introduction to Statistics (with calculus) and as such cannot be used to fulfill the prerequisite requirements of courses that require

STAT W1211 Introduction to Statistics (with calculus), such as ECON W3412 Introduction To Econometrics, ECON V3025 Financial Economics, ECON W4280 Corporate Finance and ECON W4020 Economics of Uncertainty and Information.

Students who declare in Spring 2014 and beyond:

In addition to the above requirements, students are required to take STAT W1211 Introduction to Statistics (with calculus) to satisfy the statistics requirement. POLS W4910 Principles of Quantitative Political Research will no longer be an accepted alternative course for the statistics requirement. Students will still have the option to take ECON W3412 Introduction To Econometrics or POLS W4911 Analysis of Political Data to complete the statistical methods requirement.

MAJOR IN ECONOMICS-STATISTICS

Please read *Guidelines for all for Economics Majors, Concentrators, and Interdepartmental Majors* (p. 384) 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.

Students who declared prior to Spring 2014:

The economics-statistics major requires a total of 53 points: 23 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 two electives at the 3000-level or above

Mathematics

Select one of the following sequences:

MATH Calculus I
V1101 and Calculus II
- MATH and Calculus III
V1102 and Linear Algebra
- MATH
V1201
- MATH
V2010

MATH Honors Mathematics A
V1207 and Honors Mathematics B
- MATH
V1208

Statistics

STAT W1211 Introduction to Statistics (with calculus)

STAT W3105 Introduction to Probability

STAT W3107 Introduction to Statistical Inference

STAT W4315 Linear Regression Models

One elective (excluding STAT W1001, STAT W1111, STAT W2110 and SIEO W4150)

Computer Science

Select one of the following:

COMS Introduction to Computer Science and
W1004 Programming in Java

COMS Introduction to Computer Science and
W1005 Programming in MATLAB

COMS Honors Introduction to Computer Science
W1007

Economics Seminar

ECON Seminar In Econometrics
W4918

Students who declare in Spring 2014 and beyond:

In addition to the above requirements, students are required to take:

1. A third elective in Economics at the 3000-level or above (bringing the total to three electives).

COURSES

ECON W1105 Principles of Economics. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I), Recitation Section Required, BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Corequisites: *ECON W1155* recitation section with the same instructor.

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 2014: ECON W1105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1105	001/16238	T Th 8:40am - 9:55am 501 Schermerhorn Hall	Sunil Gulati	4	203/210
ECON 1105	002/76806	T Th 11:40am - 12:55pm 417 International Affairs Bldg	Caterina Musatti	4	201/210
ECON 1105	003/10052	M W 4:10pm - 5:25pm 301 Pupin Laboratories	Bernard Salanie	4	146/189

Spring 2015: ECON W1105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1105	001/29872	M W 8:40am - 9:55am 501 Schermerhorn Hall	Sunil Gulati	4	184/220
ECON 1105	002/26331	M W 4:10pm - 5:25pm 309 Havemeyer Hall	Nicola Zaniboni	4	181/210
ECON 1105	003/63954	T Th 4:10pm - 5:25pm 501 Northwest Corner	Brendan O'Flaherty	4	143/210

ECON W2105 The American Economy. 3 points.

Prerequisites: *ECON W1105*

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 2014: ECON W2105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2105	001/62640	M W 1:10pm - 2:25pm 702 Hamilton Hall	Sally Davidson	3	52/65

ECON W2257 Global Economy. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *ECON W1105*.

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.

ECON W2290 India in Transition. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *ECON W1105*

This course focuses on the growth and development of the Indian economy from the late 16th century to the present, and considers the changes as the region came in contact with the global economy. The course begins with the transition from the Mughal empire to the British and the experience of

colonial rule. The course will then turn to the experience of post-independence India and the subsequent changes in the economy. There will be particular emphasis on the service sector led growth of recent years.

ECON W3211 Intermediate Microeconomics. 3 points.

Prerequisites: *ECON W1105* or the equivalent; *MATH V1101*, *MATH V1201* (or *Math V1207*).

The determination of the relative prices of goods and factors of production and the allocation of resources.

Fall 2014: ECON W3211

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3211	001/22562	M W 2:40pm - 3:55pm 517 Hamilton Hall	Susan Elmes	3	74/86
ECON 3211	002/20570	M W 8:40am - 9:55am 310 Fayerweather	Prajit Dutta	3	87/96
ECON 3211	003/62951	T Th 2:40pm - 3:55pm 602 Hamilton Hall	Jonathan Vogel	3	49/86

Spring 2015: ECON W3211

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3211	001/10726	T Th 2:40pm - 3:55pm 517 Hamilton Hall	Pietro Ortoleva	3	80/86
ECON 3211	002/17331	T Th 5:40pm - 6:55pm 717 Hamilton Hall	Pietro Ortoleva	3	76/86
ECON 3211	003/28937	M W 4:10pm - 5:25pm 207 Mathematics Building	Susan Elmes	3	82/120
ECON 3211	004/26623	T Th 1:10pm - 2:25pm 207 Mathematics Building	Caterina Musatti	3	100/110

ECON W3213 Intermediate Macroeconomics. 3 points.

Prerequisites: *ECON W1105* or the equivalent; *MATH V1101* or *MATH V1207*.

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 2014: ECON W3213

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3213	001/11141	M W 4:10pm - 5:25pm 310 Fayerweather	Ricardo Reis	3	91/96
ECON 3213	002/66589	M W 1:10pm - 2:25pm 417 International Affairs Bldg	Xavier Sala-I-Martin	3	333/350

Spring 2015: ECON W3213

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3213	001/13786	T Th 10:10am - 11:25am 501 Northwest Corner	Jon Steinsson	3	108/130
ECON 3213	002/67418	M W 8:40am - 9:55am 602 Hamilton Hall	Stephanie Schmitt-Grohe	3	37/86

ECON 3213	003/73424 M W 10:10am - 11:25am 602 Hamilton Hall	Stephanie Schmitt-Grohe	3	61/86
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ECON W3412 Introduction To Econometrics. 3 points.

Prerequisites: *ECON W3211* or *W3213*; *STAT W1211* or *SIEO W4150*; and *MATH V1201* or *V1207*.

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 2014: ECON W3412

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3412	001/18612	M W 1:10pm - 2:25pm 310 Fayerweather	Seyhan Arkonac	3	83/96
ECON 3412	002/23901	T Th 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Seyhan Arkonac	3	93/120
ECON 3412	003/60705	T Th 8:40am - 9:55am 702 Hamilton Hall	Mikka Rokkanen	3	49/86

Spring 2015: ECON W3412

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3412	001/71840	M W 5:40pm - 6:55pm 310 Fayerweather	Christopher Conlon	3	60/86
ECON 3412	002/14187	M W 2:40pm - 3:55pm 717 Hamilton Hall	Jushan Bai	3	77/86
ECON 3412	003/20198	T Th 4:10pm - 5:25pm 517 Hamilton Hall	Christoph Rothe	3	57/86

ECON W4020 Economics of Uncertainty and Information. 3 points.

Prerequisites: *ECON W3211*, *W3213* and *STAT W1211*.

Topics include behavior uncertainty, expected utility hypothesis, insurance, portfolio choice, principle agent problems, screening and signaling, and information theories of financial intermediation.

Spring 2015: ECON W4020

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4020	001/67165	T Th 2:40pm - 3:55pm 717 Hamilton Hall	Pierre-Andre Chiappori	3	30/86

ECON W4080 Globalization, Incomes and Inequality. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *ECON W3211* and *W3213*

Considers how trade and other forms of economic integration redistribute income (and employment) within and between countries. Focuses on issues central to the discussion of the growth of U.S. wage inequality because of its inherent interest

and because this discussion has been developed most fully in the literature and provides insight to many other cases.

ECON W4211 Advanced Microeconomics. 3 points.

Prerequisites: *ECON W3211*, *W3213*, and *MATH V2010*.

Corequisites: *MATH V2500* or *MATH W4061*.

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.

Spring 2015: ECON W4211

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4211	001/75252	M W 11:40am - 12:55pm 417 Mathematics Building	Susan Elmes	3	36/64

ECON W4213 Advanced Macroeconomics. 3 points.

Prerequisites: *ECON W3211*, *W3213*, *W3412* and *MATH V2010*.

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 2014: ECON W4213

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4213	001/69969	M W 2:40pm - 3:55pm 410 International Affairs Bldg	Irasema Alonso	3	41

ECON W4228 Urban Economics. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *ECON W3211* and *W3213*.

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 W4230 Economics of New York City. 3 points.

Prerequisites: *ECON W3211*, *W3213* and *STAT W1211*

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.

Fall 2014: ECON W4230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4230	001/61416	T Th 10:10am - 11:25am 833 Seeley W. Mudd Building	Donald Davis	3	63/110

ECON W4251 Industrial Organization. 3 points.

Prerequisites: *ECON W3211 and W3213.*

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 2014: ECON W4251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4251	001/26411	T Th 11:40am - 12:55pm 702 Hamilton Hall	Steven Olley	3	49/86

Spring 2015: ECON W4251

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4251	001/73379	T Th 10:10am - 11:25am 209 Havemeyer Hall	Michael Riordan	3	49/80
ECON 4251	002/63456	M W 1:10pm - 2:25pm 703 Hamilton Hall	Steven Olley	3	39/86

ECON W4280 Corporate Finance. 3 points.

Prerequisites: *ECON W3211, W3213 and STAT W1211.*

Please note that this course is not open to engineering students. 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.

Fall 2014: ECON W4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/12800	T Th 1:10pm - 2:25pm 413 International Affairs Bldg	Andrew Hertzberg	3	64/67
ECON 4280	002/73883	T Th 4:10pm - 5:25pm 517 Hamilton Hall	Tri Vi Dang	3	85/80

Spring 2015: ECON W4280

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4280	001/23165	T Th 1:10pm - 2:25pm 517 Hamilton Hall	Gailen Hite	3	67/80
ECON 4280	002/66423	T Th 4:10pm - 5:25pm 410 International Affairs Bldg	Tri Vi Dang	3	71/69

ECON W4308 Comparative Economic History of the Americas. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *Econ W3211 and W3213*

A visiting faculty member to the Institute for Latin American Studies will offer a course on the economic history of the Americas. The course examines the evolution of the economic structure and economic performance of the Americas from the Colonial times until the most recent past. The course will be carried out in chronological order, comparing North America and Latin America as a whole and sub regions within the larger regions: Canada and the United States in North America and México, Central America, the Caribbean, the Andes, Brazil and the Southern Cone in Latin America. Econ-philosophy joint majors and Financial Economics majors may not take this course for elective credit.

ECON W4321 Economic Development. 3 points.

Prerequisites: *ECON W3211 and W3213.*

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 2015: ECON W4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4321	001/65016	M W 11:40am - 12:55pm 517 Hamilton Hall	Caterina Musatti	3	67/86

ECON W4325 Economic Organization and Development of Japan. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: *ECON W3211 and W3213.*

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 2014: ECON W4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4325	001/68378	T Th 8:40am - 9:55am 833 Seeley W. Mudd Building	Edward Lincoln	3	85/110

ECON W4370 Political Economy. 3 points.

Prerequisites: *ECON W3211, W3213; STAT W1211 (or POLS W4910 for those who declared prior to Spring 2014).*

The course studies the interaction between government and markets. The first part discusses market failures and the scope and limits of government intervention, including the use of modified market-type tools (for example, cap-and-trade regulations for pollution). The second part discusses collective decision-making, in particular voting and its properties and pathologies. The final part discusses economic inequality and government's role in addressing it.

Fall 2014: ECON W4370

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4370	001/72869	M W 8:40am - 9:55am 702 Hamilton Hall	Alessandra Casella	3	53/86

ECON W4400 Labor Economics. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *ECON W3211 and W3213.*

The labor force and labor markets, educational and manpower training, unions and collective bargaining, mobility and immobility, sex and race discrimination, unemployment.

ECON W4412 Advanced Econometrics. 3 points.

Prerequisites: *Econ W3211, W3213, W3412, Math V2010*
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 2014: ECON W4412

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4412	001/28166	M W 1:10pm - 2:25pm 503 Hamilton Hall	Serena Ng	3	39/40

ECON W4413 Econometrics of Time Series and Forecasting. 3 points.

Prerequisites: *W3211, W3213, W3412*

Corequisites: *MATH V2010*

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 W4415 Game Theory. 3 points.

Prerequisites: *ECON W3211 and W3213.*

Introduction to the systematic treatment of game theory and its applications in economic analysis.

Fall 2014: ECON W4415

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4415	001/73216	M W 10:10am - 11:25am 310 Fayerweather	Prajit Dutta	3	74/96

Spring 2015: ECON W4415

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4415	001/63989	T Th 1:10pm - 2:25pm 501 Northwest Corner	Qingmin Liu	3	90/130

ECON W4438 Economics of Race in the U.S.. 3 points.

Prerequisites: *ECON W3211 and W3213. ECON W4400* 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 2014: ECON W4438

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4438	001/74983	T Th 4:10pm - 5:25pm 702 Hamilton Hall	Brendan O'Flaherty	3	35/86

ECON W4465 Public Economics. 3 points.

Prerequisites: *ECON W3211 and W3213.*

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 2014: ECON W4465

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4465	001/23131	M W 2:40pm - 3:55pm 702 Hamilton Hall	Wojciech Kopczuk	3	52/86

Spring 2015: ECON W4465

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4465	001/13827	M W 10:10am - 11:25am 717 Hamilton Hall	Francois Gerard	3	42/86

ECON W4480 Gender and Applied Economics. 3 points.

Prerequisites: *ECON W3211, W3213*

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 2014: ECON W4480

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4480	001/71341	T Th 1:10pm - 2:25pm 503 Hamilton Hall	Lena Edlund	3	13

ECON W4500 International Trade. 3 points.

Prerequisites: *ECON W3211 and W3213.*

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 2014: ECON W4500

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4500	001/72302	T Th 5:40pm - 6:55pm 503 Hamilton Hall	Juan Hallak	3	27/54

ECON W4505 International Monetary Theory and Policy. 3 points.

Prerequisites: *ECON W3211 and W3213.*

Introduction to monetary problems in international trade. Topics include macroeconomics of the open economy under fixed and flexible exchange rates, international adjustment under the gold standard, monetary problems of the interwar period, the Breton Woods agreement, transition to flexible exchange rates, planned reforms of the international monetary system and the Eurocurrency markets.

Spring 2015: ECON W4505

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4505	001/28415	M W 8:40am - 9:55am 428 Pupin Laboratories	Martin Uribe	3	70/120

ECON W4615 Law and Economics. 3 points.

Prerequisites: *ECON W3211 and W3213.*

The course is intended to provide an economic framework for understanding the law and legal institutions. Topics covered include property law, contract theory and torts.

ECON W4625 Economics of the Environment. 3 points.

Prerequisites: *ECON W3211 and W3213.*

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.

Spring 2015: ECON W4625

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4625	001/71119	T Th 11:40am - 12:55pm 517 Hamilton Hall	Sara Avila	3	59/86

ECON W4700 Financial Crises. 3 points.

Prerequisites: *ECON W3211, W3213 and STAT W1211*

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.

Fall 2014: ECON W4700

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4700	001/10251	M W 11:40am - 12:55pm 517 Hamilton Hall	Jose Scheinkman	3	46/80

ECON W4750 Globalization and Its Risks. 3 points.

Prerequisites: *Econ W3211 and W3213.*

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 2014: ECON W4750

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4750	001/12762	M W 5:40pm - 6:55pm 310 Fayerweather	Graciela Chichilnisky	3	65/96

ECON W4911 Seminar In Microeconomics. 4 points.

Prerequisites: *ECON W3211, W3213, W3412. Registration information is posted on the department's Seminar Sign-up webpage.*

Selected topics in microeconomics. Selected topics will be posted on the department webpage.

Fall 2014: ECON W4911

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 4911	001/72904	T 4:10pm - 6:00pm 1027 International Affairs Bldg	Sunil Gulati	4	16/16
ECON 4911	002/71049	W 2:10pm - 4:00pm 1027 International Affairs Bldg	Graciela Chichilnisky	4	11/16
ECON 4911	003/67571	T 11:00am - 12:50pm 1102 International Affairs Bldg	Tri Vi Dang	4	16/16
ECON 4911	004/75529	M 2:10pm - 4:00pm 1102 International Affairs Bldg	Caterina Musatti	4	16/16
ECON 4911	005/63925	M 4:10pm - 6:00pm 1102 International Affairs Bldg	Michael Riordan	4	10/16
ECON 4911	006/18583	M 6:10pm - 8:00pm 1102 International Affairs Bldg	Prajit Dutta	4	15/15

Spring 2015: ECON W4911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4911	001/10014	Th 9:00am - 10:50am 1102 International Affairs Bldg	W. Bentley MacLeod	4	14/16
ECON 4911	002/77380	W 4:10pm - 6:00pm 1027 International Affairs Bldg	Sunil Gulati	4	16/16
ECON 4911	003/10705	M 4:10pm - 6:00pm 1027 International Affairs Bldg	Jagdish Bhagwati	4	16/16
ECON 4911	004/75703	T 11:00am - 12:50pm 1102 International Affairs Bldg	Tri Vi Dang	4	16/16
ECON 4911	005/69899	T 2:10pm - 4:00pm 1102 International Affairs Bldg	Alessandra Casella	4	10/16
ECON 4911	006/27236	Th 4:10pm - 6:00pm 1102 International Affairs Bldg	Neal Masia	4	16/16

ECON W4913 Seminar In Macroeconomics. 4 points.

Prerequisites: *ECON W3211, W3213, W3412. Registration information is posted on the department's Seminar Sign-up webpage.*

Selected topics in macroeconomics. Selected topics will be posted on the department webpage.

Fall 2014: ECON W4913

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4913	001/70940	T 6:10pm - 8:00pm 1102 International Affairs Bldg	Argia Sbordone	4	13/16
ECON 4913	002/74193	T 9:00am - 10:50am 1102 International Affairs Bldg	Richard Clarida	4	12/16
ECON 4913	003/26711	M 9:00am - 10:50am 1027 International Affairs Bldg	Ethan Ilzetzki	4	10/16

Spring 2015: ECON W4913

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4913	001/17195	M 2:10pm - 4:00pm 1027 International Affairs Bldg	Edmund Phelps	4	16/16
ECON 4913	002/11506	W 9:00am - 10:50am 1027 International Affairs Bldg	Sally Davidson	4	16/16
ECON 4913	003/25100	M 11:00am - 12:50pm 1027 International Affairs Bldg	Paul Bennett	4	15/16
ECON 4913	004/20569	W 2:10pm - 4:00pm 1027 International Affairs Bldg	Irasema Alonso	4	9/16

ECON W4918 Seminar In Econometrics. 4 points.

Prerequisites: *ECON 3211, W3213, W3412, and sign-up in the department office. Registration information is posted on the department's Seminar Sign-up webpage.*

Analyzing data in a more in-depth fashion than in ECON W3412. Additional estimation techniques include limited dependent variable and simultaneous equation models.

Fall 2014: ECON W4918

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4918	001/28281	Th 6:10pm - 8:00pm 1102 International Affairs Bldg	Emanuel Moench	4	6/16

Spring 2015: ECON W4918

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4918	001/29529	Th 2:10pm - 4:00pm 1027 International Affairs Bldg	Seyhan Arkonac	4	16/16

ECON W4950 Economics and Philosophy Seminar. 4 points.

Prerequisites: *Econ W3211, W3213, Stat W1211. Open only to economics-philosophy majors who are in his/her senior year. 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.

ECON W4996 Research Course. 1-2 points.

Prerequisites: *permission of the director of undergraduate studies.* Provides students with the experience of participating in the research process by matching them to a faculty mentor who will put them to work on one of his or her current research projects. A list of available research positions is distributed each semester on the major listserv.

Fall 2014: ECON W4996

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4996	001/86099		Susan Elmes	1-2	23

Spring 2015: ECON W4996

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4996	001/28201		Susan Elmes	1-2	25

ECON W4997 Independent Study. 1-4 points.

Prerequisites: *Permission of the director of undergraduate studies.*

Fall 2014: ECON W4997

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4997	001/16503		Susan Elmes	1-4	1

ECON W4998 Independent Study. 1-4 points.

Prerequisites: *Permission of the director of undergraduate studies.*

Spring 2015: ECON W4998

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4998	001/26788		Susan Elmes	1-4	2

ECON W4999 Senior Honors Thesis. 6 points.

3 pts per semester

Prerequisites: *ECON W3211, W3213, W3412, Permission of the director of the departmental honors program; in addition, students must have a minimum gpa of 3.7 in all required courses (including calculus and statistics) for their major or concentration prior to enrollment.*

The honors thesis seminar is a year long course, beginning in the fall semester and ending in the spring semester. Students who have been approved to enter the workshop will be registered for both semesters by the department during the first two weeks of classes; 3 points are earned per semester. This workshop may only be taken by students applying for departmental honors, and it also fulfills the economics seminar requirement for the economics major and all joint majors. Students must see the director during mid-semester registration in the spring to discuss their proposed thesis topic, at which time they will be matched with appropriate faculty who will act as their thesis adviser. Students will meet their adviser over the course of the year at mutually agreed upon times. A rough draft of the thesis will be due during the first week of February in the spring semester, and the final draft will be due three weeks before the last day of classes.

Fall 2014: ECON W4999

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4999	001/61687	Th 9:00am - 10:50am 1027 International Affairs Bldg	Lena Edlund	6	12

Spring 2015: ECON W4999

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4999	001/73218	Th 9:00am - 10:50am 1027 International Affairs Bldg	Lena Edlund	6	10

ECON V2029 FED Challenge Workshop. 1 point.

Prerequisites: *ECON W1105*

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.

Fall 2014: ECON V2029

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2029	001/76596	W 6:10pm - 8:00pm 410 International Affairs Bldg	Sally Davidson, Skanda Amarnath	1	26

ECON V3025 Financial Economics. 3 points.

Prerequisites: *ECON W3211, W3213 and STAT W1211.*

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 2014: ECON V3025

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3025	001/70231	T Th 11:40am - 12:55pm 614 Schermerhorn Hall	Sally Davidson	3	93/110
ECON 3025	002/07392	M W 10:10am - 11:25am 405 Milbank Hall	Rajiv Sethi	3	83/100

Spring 2015: ECON V3025

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3025	002/27222	T Th 11:40am - 12:55pm 501 Northwest Corner	Sally Davidson	3	138/150

ECON V3265 The Economics of Money and Banking. 3 points.

Prerequisites: *ECON BC3033 and ECON BC3035 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 2014: ECON V3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3265	001/05362	M W 6:10pm - 7:25pm 202 Altschul Hall	Perry Mehrling	3	124

Spring 2015: ECON V3265

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3265	001/73755	M W 1:10pm - 2:25pm 717 Hamilton Hall	Jennifer La'O	3	57/110

ECPS W4921 Seminar In Political Economy. 4 points.

Prerequisites: *ECON W3211, W3213, W3412 (or POLS W4911), W4370*. Priority will be given to economics-political science majors who are in his/her senior year. Registration information is posted on the department's Seminar Sign-up webpage.

Required for majors in the joint program between political science and economics. Preference is given to economics-political science majors, but any available space is open to students who have taken the elective course in political economy. Provides a forum in which students can integrate the economics and political science approach to political economy. The theoretical tools learned in political economy are applied: the analysis of a historical episode and the empirical relation between income distribution and politics on one side and growth on the other.

Spring 2015: ECPS W4921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECPS 4921	001/73141	T 4:10pm - 6:00pm 1027 International Affairs Bldg	Navin Kartik	4	8/15

ECPS W4921 (Section 2) Seminar in Political Economy. 4 points.

Prerequisites: *ECON W3211, W3213, W3412 (or POLS W4911), W4370*. Priority will be given to economics-political science majors who are in his/her senior year. Registration information is posted on the department's Seminar Sign-up webpage.

Required for majors in the joint program between political science and economics. Preference is given to economics-political science majors, but any available space is open to students who have taken the elective course in political economy. Provides a forum in which students can integrate the economics and political science approach to political economy. The theoretical tools learned in political economy are applied: the analysis of a historical episode and the

empirical relation between income distribution and politics on one side and growth on the other.

Spring 2015: ECPS W4921 (Section 2)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECPS 4921	002/14935	W 11:00am - 12:50pm 1027 International Affairs Bldg	Salvatore Nunnari	4	14/16

ECPH W4950 Economics and Philosophy Seminar. 3 points.

Prerequisites: *ECON W3211, W 3213, and STAT W1211*. 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 2015: ECPH W4950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECPH 4950	001/15455	T 11:00am - 12:50pm 1101 International Affairs Bldg	Brendan O'Flaherty, Philip Kitcher	3	14

ECON G4235 Historical Foundations of Modern Economics: Adam Smith to J.M. Keynes. 3 points.

Prerequisites: *ECON W3211 and W3213*.

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.

Spring 2015: ECON G4235

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4235	001/02473	T 6:10pm - 8:00pm LI103 Diana Center	Andre Burgstaller	3	43/60

ECON G4301 Economic Growth and Development. 3 points.

Prerequisites: *ECON W3211 and W3213*.

Empirical findings on economic development, theoretical development models; problems of efficient resource allocation in a growing economy; balanced and unbalanced growth in closed and open economic systems; the role of capital accumulation and innovation in economic growth.

Fall 2014: ECON G4301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4301	001/14636	T 2:10pm - 4:00pm 403 International Affairs Bldg	Xavier Sala-I-Martin	3	50/70

ECON G4311 Economic History of the United States. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Not Offered During 2014-15 Academic Year.

Economic development of the U.S., with special attention to the forces and factors responsible for economic growth: innovation, capital formation, transportation, banking, international trade and capital movements, immigration, and the labor supply. The interactions of public policy and private decision making.

ECON G4313 Economic History of Europe. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisite: ECON W3211 or the equivalent. The economic development of Europe from 1700 to the present, with emphasis on those factors responsible for modern economic growth and its pace; technical change, capital formation, labor supply, national and international finance, distribution, international trade, social structure, and the role of public policy.

ECON G4526 Transition Reforms, Globalization and Financial Crisis. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *ECON W3211 and W3213.*

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 G4527 Economic Organization and Development of China. 3 points.

Prerequisites: *ECON W3211 and W3213.*

An analytical survey of the economic organization of China, with reference to population and land resources, agriculture, industries, transportation, trade, and finance. The social and cultural forces affecting economic development.

Spring 2015: ECON G4527

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 4527	001/23102	T 4:10pm - 6:00pm 403 International Affairs Bldg	Carl Riskin	3	38/40

Barnard Courses: Barnard economic *core* courses (BC1003, BC1007, BC2411, BC3018, BC3033, BC3035) and *seminars* do not count towards the economics major and concentration.

ECON BC1003 Introduction to Economic Reasoning. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Covers basic elements of microeconomic and macroeconomic reasoning at an introductory level. Topics include Individual Constraints and Preferences, Production by Firms, Market Transactions, Competition, The Distribution of Income, Technological Progress and Growth, Unemployment and Inflation, the Role of Government in the Economy. *Note: Students cannot get credit for ECON BC1003 if they have taken the Columbia introductory course ECON W1105 Principles of Economics.*

Fall 2014: ECON BC1003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1003	001/04582	T Th 1:10pm - 2:25pm 504 Diana Center	Homa Zarghamee	3	69/70
ECON 1003	002/03020	T Th 2:40pm - 3:55pm 304 Barnard Hall	Andrew Bossie	3	60/70

Spring 2015: ECON BC1003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1003	001/04582	M W 1:10pm - 2:25pm 203 Diana Center	Andrew Bossie	3	32/40
ECON 1003	002/06347	M W 11:40am - 12:55pm LI104 Diana Center	Nuria Quella	3	39/40
ECON 1003	003/08879	T Th 11:40am - 12:55pm 504 Diana Center	Nuria Quella	3	35/40

ECON BC1007 Mathematical Methods for Economics. 4 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Covers basic mathematical methods required for intermediate theory courses and upper level electives in economics, with a strong emphasis on applications. Topics include simultaneous equations, functions, partial differentiation, optimization of functions of more than one variable, constrained optimization, and financial mathematics. *This course satisfies the Calculus requirement for the Economics track of the Economics major. NOTE: students who have previously taken Intermediate Micro Theory (ECON BC3035 or the equivalent) are *not* allowed to take Math Methods for Economics.*

Fall 2014: ECON BC1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 1007	001/04511	M W 10:10am - 11:25am 903 Altschul Hall	Sharon Harrison	4	39

Spring 2015: ECON BC1007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 001/03020 M W 10:10am - 11:25am Sharon 4 47
1007 323 Milbank Hall Harrison

ECON BC2010 The Economics of Gender. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I), BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Examination of gender differences in the U.S. and other advanced industrial economies. Topics include the division of labor between home and market, the relationship between labor force participation and family structure, the gender earnings gap, occupational segregation, discrimination, and historical, racial, and ethnic group comparisons.

Spring 2015: ECON BC2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2010	001/04161	T Th 1:10pm - 2:25pm 202 Altschul Hall	Homa Zarghamee	3	190

ECON BC2012 Economic History of Western Europe. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Not Offered During 2014-15 Academic Year.

The course is an introduction to the transformative economic developments that began in Western Europe and spread globally. It applies economic and empirical reasoning to analyze the underlying forces of modern economic development from pre-modern Europe to the Industrial Revolution and the emergence of a global economy.

ECON BC2018 The Great Depression. 2 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Sophomore standing. Enrollment limited to 56 students.

Examines why the Great Depression emerged, how its effects were manifest, and what policies were enacted in response. Drawing on Harvard Business School cases we will explore how policymakers analyze economic situations and what tools they have to deal with them. We will also probe connections between the Great Depression and today's "great recession," and consider the lessons of each.

ECON BC2075 Logic and Limits of Economic Justice. 3 points.

BC: Fulfillment of General Education Requirement: Ethics and Values.

Not Offered During 2014-15 Academic Year.

Prerequisites: Introduction to Economic Reasoning (ECON BC 1003) or Principles of Economics (ECON W1105). An introductory course in political theory or political philosophy is strongly recommended, but not required.

Introduce students to problems of economic justice under capitalism. Course has three goals: (1) expose students to

debates between economics and philosophers about the meaning and nature of justice, (2) explore conflict between efficiency and justice, (3) examine implications of justice for gender equality, intergenerational equity and climate change.

ECON BC2411 Statistics for Economics. 4 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Elementary computational methods in statistics. Basic techniques in regression analysis of econometric models. One-hour weekly recitation sessions to complement lectures.

Fall 2014: ECON BC2411

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 2411	001/08324	M W 2:40pm - 3:55pm 903 Altschul Hall	Randall Reback	4	44

ECON BC3011 Inequality and Poverty. 3 points.

Prerequisites: ECON BC3035 or ECON BC3033, or permission of the instructor.

Conceptualization and measurement of inequality and poverty, poverty traps and distributional dynamics, economics and politics of public policies, in both poor and rich countries.

Fall 2014: ECON BC3011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3011	001/09446	T Th 10:10am - 11:25am 328 Milbank Hall	Ashley Timmer	3	47

ECON BC3012 Economics of Education. 3 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 2014: ECON BC3012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3012	001/04244	M W 11:40am - 12:55pm L1104 Diana Center	Randall Reback	3	23

ECON BC3013 Economic History of the United States. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Prerequisites: ECON BC3035 or ECON BC3033, or permission of the instructor.

Economic transformation of the United States from a small, open agrarian society in the late colonial era to the leading industrial economy of the 20th century. Emphasis is given to the quantitative, institutional, and spatial dimensions of economic growth, and the relationship between the changing structures of the economy and state.

Spring 2015: ECON BC3013

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3013	001/02981	M W 4:10pm - 5:25pm 202 Altschul Hall	Andrew Bossie	3	77

ECON BC3014 Entrepreneurship. 3 points. **Not Offered During 2014-15 Academic Year.**

Prerequisites: ECON BC3035, or ECON BC3033, or equivalent, or permission of the instructor.

Examines theoretical, empirical, and normative studies of entrepreneurial behavior and its significance. Examines their relationships with risk-taking and innovation. Explores entrepreneurship as applicable to a variety of behaviors, activities or contexts, including large organizations, small business networks, new venture creation, comparative financial institutions that support entrepreneurial environments, and entrepreneurship's contributions to a dynamic economy.

ECON BC3017 Economics of Business Organization. 3 points.

Prerequisites: ECON BC3035 or permission of the instructor. Economics of firm organization and the evolution of the modern business enterprise. The function of organizations in coordinating the use of economic resources. The role of technology, labor, management, and markets in the formation of the business enterprise. Includes international comparisons and attention to alternative economic theories on the role of business organizations on national competitive advantage.

Spring 2015: ECON BC3017

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3017	001/09458	T Th 4:10pm - 5:25pm 504 Diana Center	Alan Dye	3	56/60

ECON BC3018 Econometrics. 4 points.

Prerequisites: ECON BC3033 or ECON BC3035, and ECON BC2411 or STAT W1111 or STAT W1211, or permission of the instructor.

Specification, estimation and evaluation of economic relationships using economic theory, data, and statistical inference; testable implications of economic theories; econometric analysis of topics such as consumption, investment, wages and unemployment, and financial markets.

Fall 2014: ECON BC3018

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3018	001/01690	T Th 2:40pm - 3:55pm 323 Milbank Hall	Homa Zarghamee	4	39

Spring 2015: ECON BC3018

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3018	001/04759	T 1:00pm - 2:00pm 18 Lehman Hall	Homa Zarghamee	4	49
ECON 3018	001/04759	T Th 2:40pm - 3:55pm L1104 Diana Center	Homa Zarghamee	4	49
ECON 3018	001/04759	T 4:00pm - 5:00pm 18 Lehman Hall	Homa Zarghamee	4	49

ECON BC3019 Labor Economics. 3 points. **Not Offered During 2014-15 Academic Year.**

Prerequisites: ECON BC3035, or permission of the instructor.

Factors affecting the allocation and remuneration of labor; population structure; unionization and monopsony; education and training, mobility and information; sex and race discrimination; unemployment; and public policy.

ECON BC3022 Economic History of Europe. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Prerequisites: Econ BC3035 or Econ BC3033 (or their equivalents), or permission of the instructor.

An introduction to the transformative economic developments that began in Western Europe and spread globally. This course applies economic and empirical reasoning to analyze the industrial revolution, its underlying causes and consequences, from pre-modern times to the 20th-century emergence of a global economy.

Fall 2014: ECON BC3022

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3022	001/09856	T Th 10:10am - 11:25am 323 Milbank Hall	Alan Dye	3	8

ECON BC3023 Topics in Economic History. 3 points. **Not Offered During 2014-15 Academic Year.**

Prerequisites: ECON BC3035 or ECON BC3033, or permission of the instructor

Topics vary in content. Fall 2011 topic: *The American Century*.

ECON BC3029 Development Economics. 3 points.

Prerequisites: ECON BC3035 or ECON BC3033, or permission of the instructor.

Critical survey of the main debates within development studies: theory and empirics of growth and structural

transformation; dynamics of income distribution and poverty; impact of international economic relations; population, health and nutrition; and the nature and role of government.

Spring 2015: ECON BC3029

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3029	001/04069	M W 1:10pm - 2:25pm 405 Milbank Hall	Nuria Quella	3	46/50

ECON BC3033 Intermediate Macroeconomic Theory. 4 points.

Prerequisites: An introductory course in economics and a functioning knowledge of high school algebra and analytical geometry or permission of the instructor.
Systematic exposition of current macroeconomic theories of unemployment, inflation, and international financial adjustments.

Fall 2014: ECON BC3033

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3033	001/06157	M W 1:10pm - 2:25pm Ll104 Diana Center	Nuria Quella	4	41

Spring 2015: ECON BC3033

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3033	001/06157	M W 2:40pm - 3:55pm 328 Milbank Hall	Andrew Bossie	4	22

ECON BC3035 Intermediate Microeconomic Theory. 4 points.

Prerequisites: An introductory course in microeconomics (ECON BC 1002, ECON BC1003, ECON W1105, or the equivalent) and one semester of calculus or ECON BC1007, or permission of the instructor.
Preferences and demand; production, cost, and supply; behavior of markets in partial equilibrium; resource allocation in general equilibrium; pricing of goods and services under alternative market structures; implications of individual decision-making for labor supply; income distribution, welfare, and public policy. Emphasis on problem solving.

Fall 2014: ECON BC3035

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3035	001/04588	M W 11:40am - 12:55pm Ll103 Diana Center	Guy Numa	4	33

Spring 2015: ECON BC3035

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3035	001/04588	M W 10:10am - 11:25am Ll104 Diana Center	John Park	4	42

ECON BC3038 International Money and Finance. 3 points.

Prerequisites: ECON BC3033.

Introduction to balance of payments and exchange rate theory; capital mobility and expectations; internal and external adjustment under fixed and flexible exchange rates; international financial markets; capital mobility and expectations; international policy coordination and optimum currency areas; history of the international monetary system.

Fall 2014: ECON BC3038

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3038	001/03989	T Th 1:10pm - 2:25pm 324 Milbank Hall	Andre Burgstaller	3	26

ECON BC3039 Environmental and Natural Resource Economics. 3 points.

Prerequisites: ECON BC1003 or ECON W1105. Prerequisite for Economics majors: ECON BC3035.

Link between economic behavior and environmental quality: valuation of non-market benefits of pollution abatement; emissions standards; taxes; and transferable discharge permits. Specific problems of hazardous waste; the distribution of hazardous pollutants across different sub-groups of the U.S. population; the exploitation of commonly owned natural resources; and the links between the environment, income distribution, and economic development.

Fall 2014: ECON BC3039

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3039	001/06887	T Th 11:40am - 12:55pm 409 Barnard Hall	Nuria Quella	3	18

ECON BC3041 Theoretical Foundations of Political Economy. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Ethics and Values.

Prerequisites: An introductory course in economics or permission of the instructor.
Intellectual origins of the main schools of thought in political economy. Study of the founding texts in classical political economy, Marxian economics, neoclassicism, and Keynesianism.

Fall 2014: ECON BC3041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3041	001/07742	T Th 4:10pm - 5:25pm 302 Barnard Hall	Andrew Bossie	3	37/45
ECON 3041	002/08111	T Th 4:10pm - 5:25pm 903 Altschul Hall	Sonia Pereira	3	31/45

Spring 2015: ECON BC3041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3041	001/07742	T Th 1:10pm - 2:25pm 323 Milbank Hall	Andre Burgstaller	3	40

ECON BC3045 Business Cycles. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: ECON BC3033.

Theories and policy implications of business cycles. IS/LM, AS/AD and the Phillips Curve; dynamic general equilibrium models based on microfoundations including the Real Business Cycle model; New Keynesian models; models of the political business cycle. Particular episodes in the macroeconomic history of the US will provide case studies in which to study these models and the application of policies within.

ECON BC3047 International Trade. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: ECON BC3035.

Causes and consequences of international trade and investment. Theoretical models of trade. Trade policy including restrictions or regulations on international trade and the effects of such policies on economic welfare, economic growth and wage inequality. Multinationals, foreign direct investment, and some aspects of the current debate on globalization.

ECON BC3049 Economic Evaluation of Social Programs. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: ECON BC3035 Intermediate Micro Theory and ECON BC2411 Statistics for Economics, or the equivalents

A study of the effectiveness of social programs and the different quantitative techniques economists use to evaluate policy interventions. Cost-benefit analysis, testing predictions of economic theories. Specific examples of successful and unsuccessful social programs in the U.S. and around the world.

ECON BC3061 Senior Thesis I. 4 points.

Prerequisites: Permission of the instructor and completion of all courses (except for the senior requirement) required for the economics track, political economy track, or economics and mathematics majors. Exceptions to these prerequisites may be granted by the chair of the department only. Tutorials and conferences on the research for and writing of the senior thesis. This is the 1st semester of a two-semester course sequence.

Fall 2014: ECON BC3061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 3061	001/03575	M 4:10pm - 6:00pm 21 Lehman Hall	Perry Mehrling	4	4
ECON 3061	002/05329		Alan Dye	4	1
ECON 3061	003/04820	M 4:10pm - 6:00pm 303 Altschul Hall	Randall Reback	4	6
ECON 3061	004/04872		Lalith Munasinghe	4	0

Spring 2015: ECON BC3061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3061	001/04029		Perry Mehrling	4	2

ECON BC3062 Senior Thesis II. 4 points.

Prerequisites: Permission of the instructor and completion of all courses (except for the senior requirement) required for the economics track, political economy track, or economics and mathematics majors. Exceptions to these prerequisites may be granted by the chair of the department only. Tutorials and conferences on the research for and writing of the senior thesis. This is the 2nd semester of a two-semester course sequence.

Fall 2014: ECON BC3062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3062	001/06761		Lalith Munasinghe	4	2

Spring 2015: ECON BC3062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3062	001/04590	M 6:10pm - 8:00pm 21 Lehman Hall	Perry Mehrling	4	4
ECON 3062	002/03966	Th 4:10pm - 6:00pm 21 Lehman Hall	Randall Reback	4	6
ECON 3062	003/08224		Alan Dye	4	2

ECON BC3063 Senior Seminar. 4 points.

Prerequisites: Permission of the instructor and the completion of all courses (except for the senior requirement) required for the economics track, political economy track, or economics and mathematics majors. Exceptions to these prerequisites may be granted by the chair of the department only. Seminar sections are limited to 15 students. A topic in economic theory or policy of the instructor's choice. See department for current topics and for senior requirement preference forms.

Fall 2014: ECON BC3063

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3063	001/03378	M 6:10pm - 8:00pm 502 Diana Center	Rajiv Sethi	4	16

ECON 002/06514 W 2:10pm - 4:00pm Rajiv Sethi 4 14
3063 502 Diana Center

Spring 2015: ECON BC3063

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ECON 3063	001/02840	Th 10:10am - 12:00pm 421 Lehman Hall	Ashley Timmer	4	12
ECON 3063	002/05970	W 11:00am - 12:50pm 201 Lehman Hall	Sonia Pereira	4	17
ECON 3063	003/02843	Th 2:10pm - 4:00pm 201 Lehman Hall	Randall Reback	4	12

ECON BC3041 Theoretical Foundations of Political Economy

ECON BC3045 Business Cycles

ECON BC3047 International Trade

ECON V3265 The Economics of Money and Banking

ECON BC3270 Topics in Money and Finance

ECON BC3099 Independent Study. 1-3 points.

Prerequisites: ECON BC3033 or ECON BC3035 or permission of the instructor.

Topic(s), requirements, workload and point value to be determined in consultation with faculty advisor. Forms available at the Office of the Registrar.

ECON BC3270 Topics in Money and Finance. 3 points. Not Offered During 2014-15 Academic Year.

Prerequisites: ECON BC3033 and ECON BC3035. Limited to 25 students.

Classic questions in monetary economics, including but not limited to: inside and outside money, financial crisis and hyperinflation, central banking and the payments system, liquidity and market making, monetary policy and exchange rates.

OF RELATED INTEREST

Economics (Barnard)

ECON BC2010 The Economics of Gender

ECON BC3011 Inequality and Poverty

ECON BC3012 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 V3025 Financial Economics

ECON BC3029 Development Economics

ECON BC3038 International Money and Finance

ECON BC3039 Environmental and Natural Resource Economics

EDUCATION

335-336 Milbank Hall

212-854-7072

education.barnard.edu (<http://education.barnard.edu>)

Department Assistant: Myles Nugent

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: Urban Teaching and Educational Studies. In both tracks students develop a critical lens for looking at the issues facing public schooling and consider ways to promote fair and inclusive policies and practices for all children in our public system. The program is open to all undergraduates at Columbia (BC, SEAS, GS, CC) who are interested in becoming certified teachers, working with young people in human service agencies, or preparing for careers related to education.

Urban Teaching Track: 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 41 other states.)

This program is registered by the New York State Department of Education and accredited by the Teacher Education Accreditation Council (TEAC). This track prepares students to obtain a teaching position as a certified teacher upon graduation and/or to pursue graduate studies in education, public policy, sociology, youth studies, and other related fields.

Educational Studies Track: This track 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. Students learn to think deeply and knowledgeably about the manner in which schools socialize as well as educate citizens, and examine how the interests of different stakeholders are privileged or neglected. The courses are linked by a focus on educational inequality and youth studies. Courses connect theory and practice through placements in public schools, district offices, and agencies that work with children and youth in other than teaching capacities. This track does not lead to certification.

Both tracks are special concentrations and are intended to complement a major's disciplinary specialization and methodological training. In addition to the requirements of

either special concentration, students must complete a major or a full concentration.

Student Learning Outcomes

1. Knowledge of Self: Students investigate how educational experiences in and out of school affect their vision for teaching and learning, use that knowledge to reflect upon and critique their practice, and set goals for continuing growth as equitable, multicultural educators.
2. Knowledge of Students: Students understand the importance of getting to know the children and youth in their classrooms; develop specific strategies that aid in understanding students' needs, capacities, interests, funds of knowledge, and social identities; and construct learning experiences that are responsive and relevant to their students.
3. Knowledge of Content: Students develop knowledge and skills to critique the social, political, cultural, and historical forces that construct traditional content knowledge and design academic content that is dynamic, inquiry-based, and encompasses multiple literacies, and cultural perspectives.
4. Knowledge of Pedagogy: Students experience, practice, evaluate, and reflect on a range of constructivist, inclusive, critical, collaborative, and authentic methods for engaging students in learning and in assessing learning outcomes
5. Knowledge of Context: Students investigate the complex ways in which social, political, cultural, and historical forces shape school contexts, including students' opportunities in schools, teacher empowerment, effective leadership, roles of parents and the community, and patterns of similarity and difference across schools.

The Education Program is accredited by Teacher Education Accreditation Council (TEAC) to recommend students who complete the program for Initial Certification in either Childhood Education (Grades 1-6) or Adolescence 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, visit our website (<http://education.barnard.edu/program-education>) . Students are encouraged to apply for admission by March of the sophomore year but no later than the first Monday in October of the junior year. Those who plan to study abroad during junior year should apply by December of the sophomore year and take the Methods and Practicum courses in the 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.

FACULTY

Professor: Lee Anne Bell (The Barbara Silver Horowitz Director of Education) - on leave 2014-2015

Senior Lecturer: Linda Cole-Taylor (Visiting Director)

Assistant Professor: Maria Rivera Maulucci

Associate: Daniela Kempf

Lecturer: Lisa Edstrom

Advisory Committee on Education: Peter Balsam (Professor, Psychology), Lesley Sharp (Ann Whitney Olin Associate Professor, Anthropology), Herbert Sloan (Professor, History), Kathryn Yatrakis (Dean of Academic Affairs, Columbia College)

REQUIREMENTS

REQUIREMENTS FOR THE URBAN TEACHING TRACK

Childhood Education Urban Teaching Program (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 26-28 credits as follows:

Pedagogical Core (Education Program)

EDUC BC2052	Seminar in Multicultural Elementary Pedagogy
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EDUC BC2055	Urban School Practicum (sec 1)
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EDUC BC3063	Student Teaching in Urban Schools
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EDUC BC3064	Seminar on Issues in Urban Teaching
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Educational Foundations

Select one of the following:

EDUC BC2032	Contemporary Issues in Education
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ECON BC3012	Economics of Education
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PHIL V2100	Philosophy of Education
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SOCI W3225	Sociology of Education
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Psychology

PSYC BC1001	Introduction to Psychology
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Select one of the following:

PSYC BC1107	Psychology of Learning
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PSYC BC1115	Cognitive Psychology
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PSYC BC1129	Developmental Psychology
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PSYC BC2134	Educational Psychology
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PSYC W1420	Experimental Psychology: Human Behavior *
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PSYC W2220	Cognition: Memory and Stress *
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PSYC W2280	Introduction to Developmental Psychology *
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Education Electives

Open to all education students. One course may be counted as a second Foundations course for Childhood Education Program only.

EDUC BC3050	Science in the City
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EDUC BC3052	Math and the City
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Additional Course

A third course selected from either of the foundations, psychology and education electives categories above.

* Courses offered at Columbia

Note: Senior year student teaching may conflict with other opportunities at Barnard (e.g., PSYC BC3465 Field Work and Research Seminar: The Barnard Toddler Center, PSYC BC3466 Field Work and Research Seminar: The Barnard Toddler Center). Students with these interests should arrange their schedules accordingly.

Adolescence Education Urban Teaching Program (To Teach Grades 7-12)

This program leads to the New York State Initial Certification in Adolescence 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 23-26 credits from the following course of study:

Pedagogical Core (Education Program)

EDUC BC2052	Seminar in Multicultural Elementary Pedagogy	4
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EDUC BC2055	Urban School Practicum	3
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EDUC BC3063	Student Teaching in Urban Schools	6
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EDUC BC3064	Seminar on Issues in Urban Teaching	4
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Educational Foundations

Select one of the following:	3-4
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PHIL V2100	Philosophy of Education
SOCI W3225	Sociology of Education
EDUC BC2032	Contemporary Issues in Education
HIST BC4543	Higher Learning in America
ECON BC3012	Economics of Education

Psychology

PSYC BC1001 Introduction to Psychology	3
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Select one of the following:	3-4.5
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PSYC BC1107	Psychology of Learning
PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC W1420	Experimental Psychology: Human Behavior *
PSYC W2220	Cognition: Memory and Stress *
PSYC W2280	Introduction to Developmental Psychology *
PSYC BC3382	Adolescent Psychology

Content Core (Major or Concentration)

Students seeking certification in Adolescence 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, Russian, 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.

* Courses offered at Columbia

** Please note that some applied science courses will not be accepted.

Certification Requirements

Certification is based on demonstrated quality in fieldwork and academic coursework, requisite hours of practice in the field, completing sessions on state-mandated topics, fingerprinting, and passing three New York State Teacher Certification Exams (NYSTCE). Students fulfill 100 hours of pre-student teaching fieldwork experience (60 hours in practicum plus 40 hours of independent fieldwork), and complete 200 hours of student teaching (100 hours of teaching plus 100 hours of observation at two grade levels within the certification age range). Students are required to complete sessions in Identifying and Reporting Child Abuse, Prevention of School Violence, Drug and Alcohol Abuse Prevention, and Inclusion of Students with Special Needs. Graduates of the Education Program have a 100 percent pass rate on the NYSTCE.

REQUIREMENTS FOR THE EDUCATIONAL STUDIES TRACK

To complete the Minor (BC) or Special Concentration (CC/GS) in Educational Studies, students must complete 21-24 points of course work, listed below.

The educational studies track requires a minimum of six courses:

Required Courses

EDUC BC2032	Contemporary Issues in Education
EDUC BC2055	Urban School Practicum
EDUC BC3050	Science in the City
or EDUC BC3052	Math and the City

Educational / Psychology Foundations

Select two of the following:

ECON BC3012	Economics of Education
PHIL V2100	Philosophy of Education
PSYC BC2134	Educational Psychology

PSYC Adolescent Psychology
BC3382

SOCI BC3260 Sociology of Education

Additional Course

Students must take a minimum of 1 course where content can be applied to issues facing schooling in the US and/or the experiences of children and youth in school and community settings (to be approved in advance by Education Advisor). Suggested Courses are listed on our website (<http://education.barnard.edu/courses>).

REQUIREMENTS FOR THE URBAN STUDIES SPECIALIZATION IN EDUCATION

Urban Studies majors who wish to pursue certification should apply to the Education Program in the fall of their junior year. We encourage students to plan carefully if they wish to pursue this option.

Urban studies majors who have selected education as their area of specialization within the major should complete the following:

EDUC Contemporary Issues in Education
BC2032

PSYC BC2134 Educational Psychology
or PSYC Adolescent Psychology
BC3382

ECON Economics of Education
BC3012

EDUC Seminar in Multicultural Elementary
BC2052 Pedagogy
or EDUC Seminar in Multicultural Secondary Pedagogy
BC2062

EDUC Urban School Practicum
BC2055

COURSES

EDUC BC2032 Contemporary Issues in Education. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I).

Prerequisites: Open to all students, preference given to Urban Teaching, Ed Studies and Urban Studies. Enrollment limited to 12 students for each section. Permission of instructor required.

Contemporary Issues in Education is an introduction to the range of intellectual dilemmas that are a part of American schooling through the illumination of the various social, philosophical, economic, and institutional forces that shape the learning environment. The topics serve to promote critical thought of educational dilemmas stemming from issues such as power and authority, the intersection of race, gender, socio-

economic inequity, and challenges that confront students such as identity, marginalization and resiliency. This course is open to all students interested in investigating one's best "fit" in the education realm, which may include classroom teaching, educational policy, reform, and NGO-based involvement.

Fall 2014: EDUC BC2032

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 2032	001/06162	M 2:10pm - 4:00pm 502 Diana Center	Linda Cole-Taylor	4	19

Spring 2015: EDUC BC2032

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 2032	001/06110	M 2:10pm - 4:00pm 308 Diana Center	Linda Cole-Taylor	4	13
EDUC 2032	002/06405	T 11:00am - 12:50pm 212d Lewisohn Hall	Linda Cole-Taylor	4	11

EDUC BC2045 Colloquium: Current Issues in STEM Education. 1 point.

Prerequisites: Required for Barnard NOYCE Scholars. Enrollment is open to all, including first year students. This course introduces students to current topics in mathematics education through the Barnard College STEM Colloquium Series and discussion sessions. Students will explore the sociopolitical contexts in which STEM education takes place, and consider the implication of these contexts for mathematics teaching and learning in light of the topics presented.

Fall 2014: EDUC BC2045

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 2045	001/06439	T 6:35pm - 9:00pm 306 Milbank Hall	Lisa Edstrom	1	10

Spring 2015: EDUC BC2045

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 2045	001/03197	T 6:10pm - 9:00pm 306 Milbank Hall	Lisa Edstrom	1	13

EDUC BC2052 Seminar in Multicultural Elementary Pedagogy. 4 points.

Prerequisites: This course is a pre-requisite for student teaching in elementary schools; Grade of B or better required to continue. Open to Education Program participants; others only with permission of instructor.

Corequisites: This course must be taken in the spring term of the junior year with corequisite EDUC BC2055, Elementary Urban School Practicum.

Provides prospective teachers with theory and methods for teaching elementary school subjects (grades 1-6) to meet intellectual, social and emotional needs of diverse learners. Topics include foundations of multicultural, student-centered and critical pedagogies, all aspects of literacy, utilizing literacy across content areas, constructivist mathematics instruction, authentic assessment, diversity and inclusion.

Spring 2015: EDUC BC2052

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 2052	001/06321	M 2:10pm - 4:00pm 318 Milbank Hall	Lisa Edstrom	4	11

EDUC BC2055 Urban School Practicum. 3 points.

Prerequisites: This course is a prerequisite for student teaching; Grade of B or better required to continue. Enrollment is limited to students accepted into the Education Program (Urban Teaching or Educational Studies). NYCDOE Fingerprinting will be required.

Corequisites: Section 1, Elementary, EDUC BC2052; Section 2, Secondary, EDUC BC2062 for Urban Teaching program participants. Education Studies students may take Section 3 alone. Meets for two hours per week, plus a minimum of six hours per week in the field.

Consists of weekly class meetings combined with elementary, middle or high school classroom internship (depending on desired certification level). Students observe and apply theoretical principles of pedagogy to teaching and learning. Class meetings provide opportunities to reflect on internship and focus on instructional strategies and classroom management techniques. Section 1: Elementary Urban Teaching Section 2: Secondary Urban Teaching Section 3: Education Studies

Spring 2015: EDUC BC2055

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 2055	001/06477	W 2:10pm - 4:00pm 306 Milbank Hall	Lisa Edstrom	3	11
EDUC 2055	002/00161	Th 2:10pm - 4:00pm 306 Milbank Hall	Maria Rivera Maulucci	3	7

EDUC BC2062 Seminar in Multicultural Secondary Pedagogy. 4 points.

Prerequisites: This course is a prerequisite for student teaching in secondary schools; grade of B or better required to continue.

Corequisites: This course should be taken in the spring term of the junior year with corequisite EDUC BC2055. Open to Education Program students; others only with permission of instructor.

Prospective teachers explore methods for teaching English, social studies, the sciences (biology, physics, earth science and chemistry), mathematics, ancient and foreign languages

(Grades 7-12). Topics include multicultural, critical pedagogical methods appropriate to specific content areas, content area standards and literacy, diversity, inclusion, and assessment.

Spring 2015: EDUC BC2062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 2062	001/06496	T 2:10pm - 4:00pm 306 Milbank Hall	Maria Rivera Maulucci	4	6

EDUC BC3050 Science in the City. 4 points.

Prerequisites: Permission of instructor.

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 second foundations course.

Spring 2015: EDUC BC3050

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3050	001/04696	Th 4:30pm - 6:20pm 306 Milbank Hall	Maria Rivera Maulucci	4	8

EDUC BC3052 Math and the City. 4 points.

Prerequisites: Permission of instructor.

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. Note: Students in the Childhood Urban Teaching Program may use this course as a second foundations course.

Fall 2014: EDUC BC3052

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3052	001/02422	T 4:30pm - 6:20pm 502 Diana Center	Lisa Edstrom	4	10

EDUC BC3058 Science in the City II: Preparing Future Scientists Now. 4 points.

Prerequisites: Open to Non-science majors, pre-service elementary students, and first year students. Permission of instructor.

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.

Fall 2014: EDUC BC3058

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3058	001/04403	Th 4:30pm - 6:20pm 306 Milbank Hall	Maria Rivera Maulucci	4	6

EDUC BC3063 Student Teaching in Urban Schools. 6 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 or 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 BC3063 and EDUC BC3064

Fall 2014: EDUC BC3063

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3063	001/07750		Maria Rivera Maulucci, Lisa Edstrom	6	11

Spring 2015: EDUC BC3063

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3063	001/07750		Lisa Edstrom	6	0

EDUC BC3064 Seminar on Issues in Urban Teaching. 4 points.

Corequisites: EDUC BC3063. 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 2014: EDUC BC3064

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
EDUC 3064	001/01248	T 4:10pm - 6:00pm 306 Milbank Hall	Linda Cole-Taylor	4	11

CROSS-LISTED COURSES

ECON BC3012 Economics of Education. 3 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 2014: ECON BC3012

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ECON 3012	001/04244	M W 11:40am - 12:55pm L1104 Diana Center	Randall Reback	3	23

PHIL V2100 Philosophy of Education. 3 points.

BC: Fulfillment of General Education Requirement: Ethics and Values.

Drawing on classical and contemporary sources, discussion will focus on the conditions necessary to produce free and responsible citizens of a just and democratic society. Readings from Plato, Rousseau, Dewey, and others.

Spring 2015: PHIL V2100

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2100	001/02575	M W 4:10pm - 5:25pm L1103 Diana Center	Kiersten Nieuwejaar	3	56

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.

Fall 2014: PSYC BC2134

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2134	001/05687	T Th 11:40am - 12:55pm 504 Diana Center	Danielle Sussan	3	61

PSYC BC3382 Adolescent Psychology. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

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 2015: PSYC BC3382

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3382	001/00721	T 2:10pm - 4:00pm 318 Milbank Hall	Susan Sacks	4	15

ENGLISH AND COMPARATIVE LITERATURE

Departmental Office: 602 Philosophy; 212-854-3215
<http://www.english.columbia.edu>

Director of Undergraduate Studies: Prof. Erik Gray, 408K
 Philosophy; 212-854-1668; eg2155@columbia.edu

Departmental Advisers:

Prof. Marcellus Blount, 606A Philosophy;
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 (an2498@columbia.edu)
 Prof. Cristobal Silva, 408H Philosophy;
cs2889@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.

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, 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 W3001 Literary Texts, Critical 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 (no more than 10% of all graduating English majors) are to receive departmental honors.

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.

ON-LINE INFORMATION

Other departmental information—faculty office hours, registration instructions, late changes, etc.—is available on the departmental website (<http://www.english.columbia.edu>) .

FACULTY PROFESSORS

- Rachel Adams
- Branka Arsic
- Christopher Baswell (Barnard)
- Sarah Cole
- Susan Crane
- Nicholas Dames
- Jenny Davidson
- Andrew Delbanco
- Kathy Eden
- Brent Edwards
- Farah Jasmine Griffin
- Saidiya Hartman
- Marianne Hirsch
- Jean E. Howard
- Maire Jaanus (Barnard)
- Philip Kitcher (Philosophy)
- Sharon Marcus
- Edward Mendelson
- Robert O'Meally
- Julie Peters
- Ross Posnock
- Austin E. Quigley
- Bruce Robbins
- James Shapiro
- Gayatri Chakravorty Spivak (University Professor)
- Alan Stewart

- Mark Strand
- Gauri Viswanathan
- Jennifer Wenzel
- David M. Yerkes

ASSOCIATE PROFESSORS

- Marcellus Blount
- Julie Crawford
- Patricia Dailey
- Michael Golston
- Erik Gray
- Ross Hamilton (Barnard)
- Molly Murray
- Frances Negrón-Muntaner
- Joseph Slaughter
- Maura Spiegel (Barnard)

ASSISTANT PROFESSORS

- Katherine Biers
- John Gamber
- Austin Graham
- Matt Hart
- Eleanor Johnson
- Cristobal Silva
- Dennis Yi Tennen

ADJUNCT ASSISTANT PROFESSORS

- Marianne Giordani
- Mark Phillopson
- John Robinson-Appels
- Victoria Rosner
- Richard Sacks

LECTURERS

- Eileen Gillooly
- Deborah Martinsen

REQUIREMENTS

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 at <http://english.columbia.edu/files/english/content/ENGLISH>

%20MAJOR%20WKSHEET_0.pdf, 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 W3001 Literary Texts, Critical Methods, together with its companion seminar, ENGL W3011 Literary Texts, Critical Methods seminar, 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 W3999 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 may count toward the major. Those sponsored by other departments 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. Students should consult the Barnard Course Distribution List, available in the department and at the department website, that specifies Barnard courses approved for the major and the requirements these courses satisfy. Before taking Barnard courses not on this list, 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* (p. 415) 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 W3001 Literary Texts, Critical Methods and ENGL W3011 Literary Texts, Critical Methods seminar
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* (p. 415) 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 W3001 Literary Texts, Critical Methods and ENGL W3011 Literary Texts, Critical Methods seminar

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.

Students who wish to major in comparative literature should consult the *Comparative Literature and Society* section of this Bulletin.

COURSES

SPRING 2015

INTRODUCTION TO THE MAJOR

ENGL W3001 Literary Texts, Critical Methods. 4 points.

This course (together with the companion seminar ENGL W3011) 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. Corequisites: Students who register for ENGL W3001 must also register for one of the sections of ENGL W3011 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.

Fall 2014: ENGL W3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/12812	T 6:10pm - 7:25pm 517 Hamilton Hall	Jenny Davidson	4	83

Spring 2015: ENGL W3001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3001	001/71086	Th 10:10am - 11:25am 501 Schermerhorn Hall	Erik Gray	4	89

ENGL W3011 Literary Texts, Critical Methods seminar. 0 points.

Corequisites: Students who register for ENGL W3011 must also register for ENGL W3001 Literary Texts, Critical Methods lecture. This seminar, led by an advanced graduate student in the English doctoral program, accompanies the faculty lecture ENGL 3001. 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 2014: ENGL W3011

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/62867	M 12:10pm - 2:00pm C01 80 Claremont	Ruen-Chuan Ma	0	9/25
ENGL 3011	002/63084	M 4:10pm - 6:00pm 613 Hamilton Hall	Kathryn Fore	0	20/25
ENGL 3011	003/19714	W 2:10pm - 4:00pm C01 80 Claremont	Kaveh Landsverk	0	22/25
ENGL 3011	004/67211	W 4:10pm - 6:00pm C01 80 Claremont	Ariel Franklin-Hudson	0	16/25
ENGL 3011	005/64587	W 6:10pm - 8:00pm 507 Philosophy Hall	Candace Cunard	0	16/25

Spring 2015: ENGL W3011

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3011	001/77439	M 12:10pm - 2:00pm 401 Hamilton Hall	Nicole Gervasio	0	21/25
ENGL 3011	002/74709	M 6:10pm - 8:00pm 402 Hamilton Hall	Lucy Sheehan	0	14/25
ENGL 3011	003/11585	M 4:10pm - 6:00pm 507 Philosophy Hall	Rachel Dunn	0	13/25
ENGL 3011	004/19086	T 10:10am - 12:00pm 601b Fairchild Life Sciences Bldg	John Kuhn	0	17/25
ENGL 3011	005/25013	T 10:10am - 12:00pm 707 Hamilton Hall	Seth Williams	0	24/25

ENGL W3999 Senior Essay. 3 points.

Prerequisites: Permission of the department.
This course is open only to those who have applied and been accepted into the department's senior essay program. For information about the program, including deadline for application, please visit <http://english.columbia.edu/undergraduate/senior-essay-program>.

Spring 2015: ENGL W3999

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3999	001/81596		Erik Gray	3	27

ENGL W3872 Independent Study. 4 points.

If a student wishes to pursue a research project or a course of study not offered by the department, he or she may apply for an Independent Study. **Application:** 1. cover sheet with signatures of the professor who will serve as the project sponsor and departmental administrator or director of undergraduate studies 2. project description in 750 words, including any preliminary work in the field, such as a lecture course(s) or seminar(s) 3. bibliography of primary and secondary works to be read or consulted. Please visit the English and Comparative Literature Department website at <http://english.columbia.edu/undergraduate/forms> for the cover sheet form or see the administrator in 602 Philosophy Hall for the cover sheet form and to answer any other questions you may have.

Spring 2015: ENGL W3872

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3872	001/75522		Michael Golston	4	1

MEDIEVAL

CLEN W3805 Medieval Women Adventures. 4 points.

Prerequisites: Instructor's permission (Seminar). What is a woman adventurer in medieval literature? How do these protagonists expand or subvert medieval (and modern) notions of exploration and travel? What are the female counterparts to the questing knight - characters more mobile, cunning and commanding than a damsel in distress? The title of this class is as much a challenge as a theme, and over the course of this semester we will expand the terms of adventure. By reading medieval texts across a range of genres - romance, hagiography and history writing - we will explore how different characters - queens, maidens and mothers, both fictional and historical - travel, stake out ground, and encounter strangeness. We will give particular attention to how romance, a precursor to the novel, imagines women's movement in unusual ways. Fulfills Comparative, Poetry and pre-1800 requirements. **Application Instructions:** E-mail Instructor O'Loughlin (ebo2105@columbia.edu) with the subject heading "Medieval Women Adventures 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 2015: CLEN W3805

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3805	001/19992	W 10:10am - 12:00pm 501 Hamilton Hall	Emma O'Loughlin	4	13

ENGL W3892 *Beowulf*. 4 points.

Prerequisites: Instructor's permission (Seminar). This course will primarily consist in the task of translating the remarkably challenging poem *Beowulf*. We will be reading smaller portions of the vast secondary texts as we negotiate and debate issues raised by our readings and contemporary scholarship. As we work through the language of the text, comparing translations with our own, we will also be tracking concepts. Each student will be using the communal Wiki for posting translations as well as for starting individual projects on word clusters/concepts. The requirements of the course are as follows: active participation in discussion of assigned topics and translations in class and online (40 percent); three oral presentations, one on an assigned section of the text and secondary reading (15 percent) one as a first research topic which ties in analysis of one or two words (15 percent) and one as a final research presentation which develops the word/cluster concept in relation to secondary materials (30 percent). The last two will be turned in and should be approximately five and eight pages. **Application Instructions:** E-mail Professor Dailey (pd2132@columbia.edu) with the subject heading "Beowulf 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 2015: ENGL W3892

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3892	001/10129	Th 12:10pm - 2:00pm 201d Philosophy Hall	Patricia Dailey	4	4/25

ENGL W3807 *Contemplative Literature in the Middle Ages*. 4 points.

Prerequisites: Instructor's permission (Seminar). What is "contemplation" in medieval writings? How does it work, and how is it conveyed to audiences? In this course, we will address these two interlocking questions, first by examining the Late Antique and high medieval texts that most directly impact the evolution of contemplative literature in the late Middle Ages, and then by examining a range of late medieval contemplative writings in vernacular languages. We will ask of these texts not only what their

theory of contemplation is, but also how they put it into practice textually, and what kinds of aesthetic, formal, stylistic, and linguistic resources they bring to bear on that effort. The texts we will examine vary tremendously in their genre -- from sermon to morality play, from prosimetrum to how-to manual -- but all take seriously the mandate not only to describe contemplation, but indeed to perform it, as least in part, for their readerships and/or viewerships. We will study them for their formal and stylistic properties, but we will also discuss in detail the cultural and historical circumstances that prompted the huge surge in contemplative writing that occurs in the 14th and 15th centuries, in England and on the Continent. **Application Instructions:** E-mail Professor Johnson (ebj2117@columbia.edu) with the subject heading "Middle Ages 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.

ENGL W4130 *British Literature to 1500*. 3 points.

(Lecture). A survey of early British writing in its cultural contexts. The course begins with Anglo-Saxon poetry, traces the changes brought to Britain by the Norman Conquest, focuses on the literature of aristocratic courts in the later Middle Ages, and ends as Caxton sets up London's first printing press. We will read Anglo-Saxon works in translation and most Middle English works in their original language. The syllabus will include *Beowulf*, the *Lais of Marie de France*, *The Book of Beasts*, *Sir Gawain and the Green Knight*, and selections from Chaucer's *Canterbury Tales* and Malory's *Morte D'Arthur*.

Spring 2015: ENGL W4130

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4130	001/65227	T Th 10:10am - 11:25am 517 Hamilton Hall	Eleanor Johnson	3	42/100

RENAISSANCE

ENGL W3337 *Tudor-Stuart Drama*. 4 points.

(Seminar). In this seminar we will engage popular theater from the late 16c and early 17c, focusing on revenge tragedy, satire, and tragicomedy, investigating the performance of religion, sex, magic, and family in the works of Marlowe, Kyd, Jonson, Middleton, Webster, and Shakespeare.

Fall 2014: ENGL W3337

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3337	001/60836	Th 4:10pm - 6:00pm 602 Philosophy Hall	Edward Tayler	4	10/15

Spring 2015: ENGL W3337

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3337	001/63790	W 2:10pm - 4:00pm 201d Philosophy Hall	Andrea Solomon	4	11/25

ENGL W3929 The Renaissance Archive. 4 points.

Prerequisites: Instructor's permission (Seminar). This seminar offers students an immersive introduction to the physical printed book as an object of study. It does this by way of examining the letterpress technology, book publishing practices and some of the dominant habits of reading and writing in the first era of print, roughly 1450-1700. Our examples will be drawn jointly from the particular collections of the Columbia University Libraries and a number of additional New York City and NYC-area libraries, archives and other book depositories. To facilitate this on-site approach, class will meet at alternate libraries from week to week. In addition to our seminar classroom, locations will include Butler and Burke's rare book and manuscript libraries, the Morgan Library, the Grolier Club, the Berg Collection of New York Public Library, and the Beinecke Library at Yale University. **Application instructions:** E-mail Professor Pfeiffer (dsp14@columbia.edu) with the subject heading "Renaissance Archive 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 2015: ENGL W3929

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3929	001/26650	F 10:10am - 12:00pm 612 Philosophy Hall	Douglas Pfeiffer	4	12

CLEN W4721 Magic, Carnival, Sacrament, and Other Theatrical Illusions: European Renaissance and Baroque Drama and Spectacle. 3 points.

(Lecture) Spectacle, make-believe, and other forms of alternative reality in the European Renaissance. This course will look at drama, theatre, and the cultures of spectacle in Renaissance, baroque, and neoclassical Europe (Italy, Germany, Spain, England, and France in the sixteenth and seventeenth centuries), situating English Renaissance drama in the wider European context. While looking at European drama's enactment of the tropes of altered reality ("life is a dream," "all the world's a stage," "acting is believing"), we will also attend to the ways in which street performance, machinery, technologies of the human body, and the Renaissance sensorium generally (music, light, movement) coalesce into the spectacular illusionism of Renaissance performance. We will explore theatre as magical and spiritual

practice; carnival, charivari, and everyday cross-dressing, beggary, prostitution, and other street improvisations; court masque, imperial pageant, and public torture as disciplinary technique; sacrament, conversion, and other forms of illusionism and self-transformation. Texts include films, visual images, theatrical documents, festival books, commedia dell'arte scenarios, and plays by Shakespeare's greatest near-contemporaries.

Spring 2015: CLEN W4721

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4721	001/12760	T Th 10:10am - 11:25am 703 Hamilton Hall	Julie Peters	3	22
CLEN 4721	001/12760	T Th 10:10am - 11:25am 754 Ext Schermerhorn Hall	Julie Peters	3	22

18TH AND 19TH CENTURY

ENGL W3301 Clarissa. 4 points.

Prerequisites: Instructor's permission (Seminar). Almost a million words long, Samuel Richardson's *Clarissa* took eighteenth-century readers by storm, and has a strong claim to be considered the single most important novel of the century. We'll begin with some brief excerpts from Richardson's first novel *Pamela* and a few of the more virulent contemporary attacks on this new mode of popular fiction, then proceed through *Clarissa* in regular chunks, interspersed with bits and pieces of other relevant epistolary fictions, critical discussions and historical accounts. This seminar has no prerequisites other than your own eagerness to embark on a demented and potentially transformative program of extreme reading; topics for discussion will include the novel in letters, the first-person voice, the psychology of families and the sociology of inheritance in eighteenth-century England, the languages of sexuality, eighteenth-century burial customs, madness in literature, providential narratives and life after death, suffering, rewritings of *Job*, the rise of the novel, etc. etc. Note: This seminar is a joint undergraduate-graduate class. This spring, I will admit 8 undergraduates and a waiting list of 4 (if needed), reserving 6-8 spots for graduate students who may be interested; we will work out the final details of enrollment at the first seminar meeting in the fall semester. **Application Instructions:** E-mail Professor Davidson (jmd204@columbia.edu) with the subject heading "Clarissa 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 2015: ENGL W3301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3301	001/62995	Th 11:00am - 12:50pm 401 Hamilton Hall	Jenny Davidson	4	8/25

ENGL W3950 Satire and Sensibility. 4 points.

Prerequisites: Permission of the instructor. (Seminar). British verse, novels, and critical prose from early and mid-18th century with a view to the satirical and the sentimental as related and complementary dispositions, variously nuanced in the elicitation of scorn and pathos, but reflecting in the main a tragicomic outlook of literary consequence. Our reading, then, of poetry and fiction—diversely savage, good-natured, hilarious, and exquisite in derision of vice and folly—shall run the gamut of satiric modalities, from invective to irony, which, bristling at the social frontiers of liberty and faith, wit and learning, commerce and luxury, sex and marriage, melancholy and imagination, also targets, and often with charming self-deprecation, the literary disposition itself. In that vein we shall examine aesthetic, religious, and philosophical perspectives that came to bear in the satirist's skillful tacking of blame and praise; likewise, we shall examine stylistic and formal innovations that emerged in adaptations of classical and biblical models to contemporary circumstances. Further, we shall observe, in some novels, an aspect of the satirical and the sentimental combined, which obtains not only in the rhetorical artistry and excess of characters' speeches, but in the way that lyric is incorporated into the fiction, and where characters themselves compose, recite, or criticize poetry. Critical and philosophical writings of the period include, among others, essays by Dryden, Shaftesbury, and Addison. Verse genres include ode, epistle, georgic, elegy, hybrids and mock emulations: Finch, Swift, Pope, Gay, Montagu, Gray, Goldsmith, and others. Our novels and fictional prose include Swift's *Gulliver's Travels*, Fielding's *Tom Jones*, Johnson's *Rasselas*, Goldsmith's *Vicar of Wakefield*, and Sterne's *Tristram Shandy*. **Application Instructions:** E-mail Professor Marianne Giordani (mg2644@columbia.edu) with the subject heading "Satire and Sensibility 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 2014: ENGL W3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3950	001/19992	W 6:10pm - 8:00pm 201d Philosophy Hall	Marianne Giordani	4	16/25

Spring 2015: ENGL W3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3950	001/62396	W 6:10pm - 8:00pm 201d Philosophy Hall	Marianne Giordani	4	11/14

ENGL W3948 Frankenstein: The Genesis and Afterlife of the Romantic Novel. 4 points.

Prerequisites: Instructor's permission (Seminar). This course is an immersion into the genesis, composition, and afterlife of Mary Shelley's *Frankenstein* (1818). Rather like Victor Frankenstein himself, to create the body of her novel, Shelley pieces together texts from a variety of sources—ranging from French Revolutionary radicalism, to popular science and medicine, to the literary dominion of Romantic poet-celebrities—and the aim of this course is to uncover the novel's hidden narratives. We will read the revolutionary and disturbing prose fiction of Shelley's parents, William Godwin and Mary Wollstonecraft; explore scientific attempts to resuscitate the bodies of hanged criminals; learn physiognomical techniques for reading moral character through facial features; sit in on the ghost story competition with Lord Byron and Percy Bysshe Shelley that inspired *Frankenstein* (and also resulted in a notorious vampire-fiction plagiarism case); and spend time with Frankenstein's own fragmentary bodily history by reading the first draft of Shelley's novel, before her husband Percy took his pen to it. We will also compare *Frankenstein* to other Romantic prose—most importantly, Jane Austen's Gothic parody, *Northanger Abbey*—and will consider the nineteenth- and twentieth-century narratives of the afterlives of both *Frankenstein* and Mary Shelley's circle in original manuscripts, drama, film, and hypertext. This seminar will particularly suit students who are interested in British literature, the literature of Romanticism and the nineteenth century, and prose fiction and/or narrative. **Application Instructions:** E-mail Instructor Arden Hegele (aah2155@columbia.edu) with the subject heading "Frankenstein 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 2015: ENGL W3948

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3948	001/70874	W 2:10pm - 4:00pm 402 Hamilton Hall	Arden Hegele	4	14/25

ENGL W3256 Country and City in 19th Century Novel. 3 points.

(Lecture). A survey of touchstone nineteenth-century European novels, this course explores the relationship of the realist novel to urban experience and rural identity. If

most novels are, in Raymond Williams's phrase, "knowable communities," how do fictions of the city and fictions of the country represent individual identity as it shapes and is shaped by physical context? In this light, we consider questions of youth and experience, time and space, work and leisure, men and women, landscape and portraiture, privacy and public life, national culture and cosmopolitanism, realism and romanticism. In class, we juxtapose close readings of novels with analyses of other cultural forms (paintings, operas, popular entertainment, maps) so that we come away with a broader sense of nineteenth-century European culture as well as a working knowledge of one of its most meaningful manifestations, the novel. Readings include Balzac's *Père Goriot*, Hugo's *Notre Dame de Paris*, Flaubert's *Madame Bovary*, Austen's *Persuasion*, Dickens' *Oliver Twist*, Eliot's *Middlemarch*, Tolstoy's *Anna Karenina*.

Spring 2015: ENGL W3256

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3256	001/66511	T Th 11:40am - 12:55pm 602 Hamilton Hall	Monica Cohen	3	50

ENGL W3956 *Byron and the Byronic*. 4 points.

(Seminar). A close study of the writing, marketing, and lasting influence of George Gordon, Lord Byron. This seminar will track high and low points of his tumultuous career, assessing his literary treatments of England and foreign cultures, history and contemporary politics, other writers from all ages, lovers and enemies, unspeakable acts, unprecedented celebrity, and a future he keeps seducing ("Why I'm posterity -- and so are you..." *Don Juan* XII.19). We will read, discuss, and argue about the great variety of Byron's writing, including letters and journal entries, 'Eastern' tales, verse romances, closet dramas, and finally *Don Juan*, his mock-epic masterwork. Our reading will be informed by supplementary material that this work provokes and resists, including contemporary portrayals of the man by intimates such as Caroline Lamb, Lady Byron, and Percy Bysshe Shelley; reviews and journalistic reactions to scandal; parodic, pseudonymous, and otherwise unlicensed extensions of the Byron brand; biographical narratives and academic criticism; and evocations of the "mad, bad, and dangerous to know" poet in art produced long after his sudden death. Starting early in the semester, each seminar participant will develop a 'track' in order to measure and specialize in a recurring component of Byron's work. These tracks will be defined with the instructor and based on individual interests in areas such as publication and marketing, sexual identity, tourism and exile, European history, celebrity, health and physicality, aristocracy, and literary culture.

Spring 2015: ENGL W3956

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 3956	001/70762	T 10:10am - 12:00pm 208b Butler Library	Mark Phillipson	4	6/25
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ENGL W4301 *Eighteenth-Century English Literature*. 3 points.

(Lecture). This course will be a survey of the major writers, in prose and poetry, in various literary genres of the British 18th century. Poets will include John Dryden, Alexander Pope, Anne Finch, Jonathan Swift, Lady Mary Wortley Montagu, Samuel Johnson, and James Thomson. Writers of prose, both fiction and non-fiction, will include Daniel Defoe, Jonathan Swift, Joseph Addison, Richard Steele, Henry Fielding, Samuel Richardson, Samuel Johnson, James Boswell, and Edmund Burke. Three short papers and a take-home final exam will be required.

Spring 2015: ENGL W4301

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4301	001/74376	T Th 10:10am - 11:25am 603 Hamilton Hall	John Richetti	3	18

ENGL W3947 *Reading the Modern Body, 1600-1800*. 4 points.

Prerequisites: Instructor's permission

(Seminar). From yoga studios to TV medical dramas to Internet pornography, our culture is obsessed with the body—its pleasures and pains, its functions and dysfunctions, its desires and limitations. This obsession can be traced back to the historical period of the Enlightenment: as the human displaced the divine as the measure of all things, the physical body took on an unprecedented importance in Western literature, philosophy, and culture more broadly. Focusing on British literature of the late seventeenth and eighteenth century, this seminar will consider how Enlightenment and counter-Enlightenment authors reimagined the nature, purpose, and limits of the human body in an increasingly secular age. Central topics will include: gender and sexuality, libertinism, race and nationality, empiricism, materialism, commodity culture, liberalism, sentimentality and sensibility, the relationship between body and mind/self, and the role of the body in political revolution. Authors include Rochester, Behn, Haywood, Swift, Pope, Montagu, Hume, Smith, Richardson, Sterne, Walpole, Burke, Paine, Wollstonecraft, Blake, and William and Dorothy Wordsworth; we will place these authors in dialogue with major historians and theorists of the body including Foucault, Laqueur, Butler, Stallybrass and White, and Castle. **Application instructions:** E-mail Instructor Paulson (msp94@columbia.edu) with the subject heading "Reading the Modern Body 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.

20TH AND 21ST CENTURY

ENGL W3940 Contemporary Fiction and the Critical Act. 4 points.

Prerequisites: Instructor's permission.

(Seminar). This seminar asks how the study of very recent literature affects the values and methods of literary-critical scholarship. Are their stable critical values or methods that should apply to our study of J.M. Coetzee as much as Miguel de Cervantes? How does one combine an interest in the contemporary with a commitment to historical analysis? Does it make a difference --and, if so, what kind of difference -- if the authors one studies are alive and still producing new works? What are the points of connection between the academic essay and the literary review? And given that so many academic critics of contemporary writing were trained in earlier fields of literary study, what is the specific expertise of the academic specialist in contemporary literature? **Application Instructions:** E-mail Professor Hart (mh2968@columbia.edu) with the subject heading "Contemporary Fiction 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 2014: ENGL W3940

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3940	001/76101	Th 10:10am - 12:00pm Room TBA		4	0/25

Spring 2015: ENGL W3940

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3940	001/63643	T 10:10am - 12:00pm 612 Philosophy Hall	Matthew Hart	4	11/25

ENGL W3735 Grid, Fold, Crystal: Poetic Modeling. 4 points.

Prerequisites: Instructor's permission

(Seminar). Adventures in poetry of the past half century: writers who use Baroque, Minimalist, Surrealist, and Constructivist models and procedures, and in particular forms derived from grid, fold, crystal and rhizome structures, to make their poems. Texts include readings from Walter Benjamin, Gilles Deleuze, Ezra Pound, Robert Smithson, Clark Coolidge, Bruce Andrews, Lyn Hejinian, Peter Inman, Fredric Jameson, Susan Howe, Craig Dworkin, Christian Bok, N. Nourbese Philip, Gurbesque poets, Rosalind Krauss, Louis Zukofsky. **Application Instructions:** E-mail Professor Golston (mg2242@columbia.edu) the subject heading "Grid,

Fold 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 2015: ENGL W3735

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3735	001/27065	M 6:10pm - 8:00pm 401 Hamilton Hall	Michael Golston	4	14/25

ENGL W4504 Yeats, Eliot, Auden. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

(Lecture). Many poems and a few essays by W. B. Yeats, T. S. Eliot, and W. H. Auden.

Spring 2015: ENGL W4504

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4504	001/69639	T Th 4:10pm - 5:25pm 614 Schermerhorn Hall	Edward Mendelson	3	78/100

ENGL W3970 Irish Prose. 4 points.

Prerequisites: Instructor's permission

(Seminar). Irish Prose examines a tradition of writing in Ireland, beginning with The Tain and the uses of mythology in Irish saga writing, and including Edmund Spenser's 'A View of the Present State of Ireland'. These two texts establish a tradition of the heroic and the anti-heroic in Ireland; they offer images of the country as a place ripe for epics or a culture ripe for destruction. The course then takes texts by Jonathan Swift, Maria Edgeworth, William Carleton, Bram Stoker, Oscar Wilde, Somerville and Ross, W.B. Yeats, John Millington Synge, James Joyce, Kate O'Brien and Samuel Beckett and traces an uneasy tradition of dramatising the broken, the alarming, the untrustworthy, the contested and the disappointed. The course looks at styles in Irish writing both invented and inherited. Most of the texts examined will be novels, but short stories, essays, travel writing and considerations of translation will also be part of the course. **Application Instructions:** E-mail Professor Toibin (ct2544@columbia.edu) with the subject heading "Irish Prose 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 2015: ENGL W3970

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3970	001/26264	T 2:10pm - 4:00pm 507 Philosophy Hall	Colm Toibin	4	15/25

ENGL W3732 Postmodern Poetries. 4 points.

Prerequisites: Instructor's permission (Seminar). American poetry after WWII is marked by increasingly radical experimentation as poets continue Ezra Pound's injunction to "make it new." We will examine writers from the last half-century who respond formally and thematically to the complicated theoretical, political, and social displacements of post-modernity. Poets will include John Ashbery, various Black Mountain poets, Clark Coolidge, Charles Bernstein, Susan Howe, Harreyyette Mullen, Myung mi Kim, and others. **Application Instructions:** E-mail Professor Golston (mg2242@columbia.edu) with the subject heading "Postmodern Poetries 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 2015: ENGL W3732

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3732	001/23742	W 6:10pm - 8:00pm 507 Philosophy Hall	Michael Golston	4	15/25

ENTA W3970 Ibsen and Pinter. 4 points.

Prerequisites: Instructor's permission (Seminar). 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 2015: ENTA W3970

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3970	001/25406	W 4:10pm - 6:00pm 507 Philosophy Hall	Austin Quigley	4	15/25

ENTA W3785 Studies in Drama: Modern Drama and the Culture of Performance. 4 points.

Prerequisites: Instructor's permission (Seminar). "All the world's a stage" according to Shakespeare, but also according to twentieth century philosophers, sociologists, cultural critics, media theorists, and even corporate executives, who have frequently turned to theater and performance as resonant metaphors for modern culture. These metaphors have come to pervade the way we describe our lives: we "perform" workplace tasks and social "roles;" we describe ourselves as "drama queens", "players", "or just "acting out"; we "stage" ourselves daily on social media for intimate friends and strangers alike, who follow our doings like an audience of fans. But how useful or accurate is this language for describing the world we inhabit? And what distinguishes theater and drama as art forms if life itself has now become a performance? To answer these questions, we will consult some of the most influential theories of theatricality and performance as a condition of modern life. We will also read modern and post-modern drama on the same theme by playwrights such as Pirandello, Beckett, Brecht, Albee, and Parks. **Application Instructions:** E-mail Professor Biers (klb2134@columbia.edu) with the subject heading "Drama 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 2014: ENTA W3785

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3785	001/77034	F 6:10pm - 8:00pm 402 Hamilton Hall	Jonathan Robinson-Appels	4	42/50

Spring 2015: ENTA W3785

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3785	001/61145	Th 2:10pm - 4:00pm 707 Hamilton Hall	Katherine Biers	4	9/25

CLEN W3936 Global Bestsellers. 4 points.

Prerequisites: Instructor's permission

(Seminar). Students in this course will join millions of readers around the world who have made the texts on the syllabus into bestsellers. Why is it that travelers have found Khalid Hosseini's novel *The Kite Runner* featured prominently in airport bookshops in the Americas, Europe, Asia, and Africa? Such *popularity* on a global scale offers an occasion for *critical reflection* about the transnational economic forces and cultural politics that shape literary supply and demand. Our specific focus will be on novels, memoirs, and films whose authors come from places outside publishing centers of New York and London (Afghanistan, Haiti, India, Nigeria, Sierra Leone, South Africa), yet find massive audiences in the US, UK and worldwide. We will do some reading in literary and cultural theory, and we will attend to the material networks of publishing and distribution, in order to understand how these bestsellers emerge, what kinds of conventional narratives or images of otherness they reinforce, and what new narratives and images they might generate. How can we understand the relationship between these texts popularity and their literary role? What frameworks of evaluation and interpretation are appropriate for such texts? What do these texts tell us about globalization? **Application Instructions:** E-mail Professor Wenzel(jw2497@columbia.edu) with the subject heading "Global Bestsellers 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 2015: CLEN W3936

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3936	001/23448 T	4:10pm - 6:00pm 707 Hamilton Hall	Jennifer Wenzel	4	15

AMERICAN

ENGL W3719 Natural History and Colonialism. 4 points.

Prerequisites: Instructor's permission (Seminar). This seminar consider the generic evolution of the Natural Histories in the colonial literature of the New World. Specifically, we will examine the long trajectory that takes us from early exploration narratives to the scientific, medical, and political treatises that accompanied the late eighteenth-century Age of Revolution. As we read these texts, we will inquire into their formal and thematic legacies, as well as their specific narrative strategies for producing knowledge. Our discussions will be framed by questions about the colonial spaces these texts describe, the appropriation of African and Indigenous knowledge and practices, the aesthetic and epistemological stakes of their representations, their reliance on specific narrative conventions, and their status as literary objects. Finally, we will consider how these texts shape our understanding of literary history. **Application Instructions:**

E-mail Professor Silva (cs2889@columbia.edu) with the subject heading "Natural History 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 2015: ENGL W3719

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3719	001/93147 M	2:10pm - 4:00pm 201d Philosophy Hall	Cristobal Silva	4	5

ENGL W4650 Novels of Immigration, Relocation, Diaspora. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

(Lecture). The master narrative of the United States has always vacillated between valorizations of movement and settlement. While ours is a nation of immigrants, one which privileges its history of westward expansion and pioneering, trailblazing adventurers, we also seem to long for what Wallace Stegner called a "sense of place," a true belonging within a single locale. Each of these constructions has tended to focus on individuals with a tremendous degree of agency in terms of where and whether they go. However, it is equally important to understand the tension between movement and stasis within the communities most frequently subjected to spatial upheavals. To that end, this course is designed to examine narratives of immigration, migration, relocation, and diaspora by authors of color in the United States.

Spring 2015: ENGL W4650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4650	001/63586 M W	11:40am - 12:55pm 614 Schermerhorn Hall	John Gamber	3	89/100

ENGL W3740 Toni Morrison. 4 points.

Prerequisites: Permission of the instructor. (Seminar). **Application Instructions:** E-mail Professor Griffin (fjg8@columbia.edu) with the subject heading, "Toni Morrison 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 2014: ENGL W3740

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 001/27065 W 12:10pm - 2:00pm Marcellus 4 14
3740 309 Hamilton Hall Blount

Spring 2015: ENGL W3740

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3740	001/64434	W 10:10am - 12:00pm 300 Union Theological Seminary	Farah Griffin	4	23/25

AMST W3931 (Section 2) Topics in American Studies: Disability, Embodiment, and Social Justice. 4 points.

What does it mean to be disabled in America? This course approaches disability less as a medical condition affecting individual bodies than as a social, environmental, and historical phenomenon. We will investigate the role of culture in shaping and reflecting on disability in contemporary American culture. How have philosophers, policy makers, authors and artists framed the political and ethical debates surrounding the status of disability? How have imaginative representations in literature, film, and the visual arts contributed to and/or challenged those understandings? Given that nearly every one of us will be disabled at some point in life, these questions could not be more important. This course seeks to address them by considering a broad array of texts, including philosophical debates about morality and ethics, history, and literary, filmic, and visual representations. In addition to our consideration of cultural representations, an experiential learning requirement will also give students the opportunity to work closely with an organization dedicated to serving the needs of people with disabilities.

Spring 2015: AMST W3931 (Section 2)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3931	002/27161	W 2:10pm - 4:00pm 317 Hamilton Hall	Rachel Adams	4	7/18

ENGL W3988 Campus Fictions: The Novel and the University. 4 points.

Prerequisites: Instructor's permission (Seminar). This seminar approaches the modern university on two different fronts. We will trace the development of the "campus novel" from the early twentieth century to the present day, examining the ways in which these works of fiction grapple with the dynamic institutions they depict and evaluating the impact of university settings on the postwar and contemporary novel. In addition, we will tackle a number of current debates about the present and future of the American university. Works by Hardy, Waugh, Nabokov, DeLillo, Coetzee, Ishiguro, Eugenides, and others. **Application Instructions:** E-mail Instructor Gibson (lgg2108@columbia.edu) with the subject heading "Campus Fictions 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 2015: ENGL W3988

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3988	001/21198	M 4:10pm - 6:00pm 402 Hamilton Hall	Lindsay Gibson	4	13/25

ENGL W4622 African-American Literature II. 3 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 Hurston's *Their Eyes Were Watching God* (1937) and Richard Wright's *Native Son* (1940) and end with Melvin Dixon's *Love's 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, Malcolm 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 2015: ENGL W4622

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4622	001/17487	T Th 2:40pm - 3:55pm 503 Hamilton Hall	Marcellus Blount	3	50/100

ENGL W4601 Literatures of Colonial America. 3 points.

(Lecture). This course is a survey of American literatures and cultures ranging from the colonial era to the Age of Revolution. Although many of the texts on the syllabus were written in colonies that would eventually become part of the United States, the course itself is not designed to be a literary history of the U.S. Instead, we will put pressure on terms like "American" and "Literary" as we inquire into the theological, political, scientific, and literary issues that framed colonial experiences. Our goal will be to explore the various modes through which colonial encounters were described by foregrounding the local, regional, and Atlantic contexts of the material we read. In particular, we will consider the multiple trajectories of Early American literary history by examining subjects like Exploration and Captivity, Puritan Theology, Antinomianism, the Enlightenment, the Caribbean, Slavery and Emancipation, and Revolution. Our investigations will push us to test the conceptual limits of these categories as we trace their place in emerging discourses of nation. Authors may include: William Bradford, John Winthrop, Anne Bradstreet, Mary Rowlandson, Benjamin Franklin,

William Earle, Olaudah Equiano, Phillis Wheatley, Charles Brockden Brown, and Mary Prince. This course satisfies the American, the prose fiction / narrative, and the pre-1800 period requirements for the major.

Spring 2015: ENGL W4601

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4601	001/29671	M W 11:40am - 12:55pm 503 Hamilton Hall	Cristobal Silva	3	19/100

ENGL W3985 Film Noir. 4 points.

Prerequisites: Instructor's permission.

(Seminar). **Application Instructions:** E-mail Professor Douglas (ad34@columbia.edu) with the subject heading, "Film Noir" 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 2015: ENGL W3985

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3985	001/17379	W 6:10pm - 8:00pm 612 Philosophy Hall	Ann Douglas	4	21/25

ENGL W4612 Jazz and American Culture. 3 points.

Lecture.

(Lecture). An overview of jazz and its cultural history, with consideration of the influence of jazz on the visual arts, dance, literature, and film; an introduction to the scholarship and methods of jazz studies. In this course we start with Ralph Ellison's suggestive proposition that many aspects of American life are "jazz-shaped." How, to begin with, might we define the music called jazz? What are its aesthetic ingredients or forms? What have been its characteristic sounds? How can we move towards a definition that sufficiently complicates the usual formulas of call-response, improvisation, and swing (or polyrhythmical complexity with an Afro-beat)--to encompass musical styles that really are quite different but which nonetheless are typically classified as jazz? With this ongoing problem of musical definition in mind, we will examine works in literature, painting, photography, film, and choreography which may be defined as "jazz works" or ones that are "jazz-shaped": which use jazz as a model or metaphor. What is jazz-like about these works? What's jazz-like about the ways they were produced? And how, to get to the other problem in the course's title--is jazz American? What is the relationship of art to nation? What is the logic of American exceptionalism? What do we make of the many international dimensions of jazz music-of, for instance, its many non-

American practitioners? What is (or was) a jazz culture? What are (or were) its dates?

Spring 2015: ENGL W4612

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4612	001/16048	T Th 10:10am - 11:25am 503 Hamilton Hall	Krin Gabbard	3	31

CLEN W3740 Emerson, Nietzsche, and Wm James. 4 points.

Prerequisites: Instructor's permission

(Seminar) **Application Instructions:** E-mail Professor Posnock (rp2045@columbia.edu) with the subject heading, "Emerson, Nietzsche, James 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 2015: CLEN W3740

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3740	001/60305	T 4:10pm - 6:00pm 317 Hamilton Hall	Ross Posnock	4	13/25

ENGL W4602 Melville and others. 3 points.

(Lecture)

SPECIAL TOPICS

CLEN W3792 Film and Law. 4 points.

Prerequisites: Instructor's permission

(Seminar). 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? 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. Films include *The Trial*, *Anatomy of a Murder*,

Judgment at Nuremberg, *Rear Window*, *Woyzeck*, *Capturing the Friedmans*, episodes of *Cops*, *Law and Order*, *The Wire*, and others. **Application Instructions:** E-mail Professor Julie Peters (jsp2@columbia.edu) with the subject heading "Law and Film 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 2015: CLEN W3792

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3792	001/25031	Th 2:10pm - 4:00pm 612 Philosophy Hall	Julie Peters	4	13

ENGL W3451 Imperialism and Cryptography. 4 points.

Prerequisites: Instructor's permission (Seminar). This course focuses on plots of empire in the British novel of the 19th and early 20th centuries. It examines not only how empire was represented but also how the novel form gave visibility to the strategies of empire and also showed the tacit purposes, contradictions, and anxieties of British imperialism. The seminar is structured around the themes of: the culture of secrecy; criminality and detection; insurgency, surveillance, and colonial control; circulation and exchange of commodities; messianism and political violence. Specifically, the course will focus on how the culture of secrecy that accompanied imperial expansion defined the tools of literary imagination in the nineteenth and twentieth centuries. While most studies of culture and imperialism examine the impact of colonial expansion on the geography of narrative forms, this seminar looks more closely at the language of indirection in English novels and traces metaphors and symbols to imperialism's culture of secrecy. It begins with the simple observation that both colonizers and colonized felt the need to transmit their communications without having their messages intercepted or decoded. Translated into elusive Masonic designs and prophecy (as in *Kim*), codes of collective action (as in *Sign of Four*), or extended dream references (as in *The Moonstone*), the English novel underscores the exchange of information as one of the key activities of British imperialism. Forcing hidden information into the open also affects the ways that colonial 'otherness' is defined (as in *The Beetle*). How espionage and detection correlate with impenetrability and interpretation will be one among many themes we will examine in this course. The seminar will supplement courses in the nineteenth-century English novel, imperialism and culture, and race, gender, and empire, as well as provide a broad basis for studies of modernism and symbolism. Readings include Rudyard Kipling, *Kim* and "Short Stories"; Arthur Conan Doyle's *Sign of Four*; Wilkie Collins, *The Moonstone*; Richard Marsh, *The Beetle*; RL Stevenson, *Dr Jekyll and Mr. Hyde*; Rider Haggard, *She*; Haggard, *King Solomon's Mines*;

Joseph Conrad, *The Secret Agent*. Course requirements: One oral presentation; two short papers, each 4-5 pages (double-spaced); and a final paper, 7-10 pages (double-spaced).

Application instructions: E-mail Professor Viswanathan (gv6@columbia.edu) with the subject heading "Imperialism and Cryptography 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.

Spring 2015: ENGL W3451

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3451	001/74895	T 4:10pm - 6:00pm 612 Philosophy Hall	Gauri Viswanathan	4	11/25

WMST W3625 Memoir and Embodiment. 4 points.

Recent decades have witnessed a flood of life writing about the body, much of it by women and much of it about experiences of illness and disability. This development represents a significant change, as autobiography has historically been reserved for the most accomplished and able-bodied among us. Our course will study the rise of what G' Thomas Couser calls "the some body memoir," asking how it revises traditional autobiography as it attempts to carve out literary space for voices and bodies that have not historically been represented in public. We will consider how these new memoirs talk back to doctors and other health care professionals who medicalize the disabled body, as well as social environments that stigmatize and exclude the ill and disabled. We will also ask how race and gender inform stories of illness and disability, as well as investigating differences between physical and mental illness and/or disability. Each week we will read one memoir, paired with other writings meant to prompt discussion and critical examination. In addition to more traditional academic writing, students will also have opportunities to experiment with their own life writing.

Spring 2015: WMST W3625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3625	001/28805	T 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Rachel Adams	4	10/18

ENGL W3980 Writing Machines. 4 points.

Prerequisites: Instructor's permission (Seminar). In Jack London's 1906 short story "The Apostate," an exposé of child labor, the narrator notes of a young millworker: "There had never been a time when he had not been in intimate relationship with machines." Drawing on novels, short stories, dramas, and essays by American and English writers from 1880 to WWII, this course seeks to understand what it means to become "intimate with machines." How did technology shape perception, consciousness, identity, and the understanding of the human

in fin de siècle literature? What were the effects of new "writing machines," like the telegraph, phonograph, and typewriter, on traditional conceptions of authorship? How did technology intersect with class, race, and gender politics? What fears and fantasies did new inventions inspire? We will discuss how writers represented the cultural and social impact of technology and why they often felt compelled to invent new literary styles, forms, and movements--such as realism, aestheticism, and modernism--in order to do so. Texts by Herman Melville, Bram Stoker, Charlotte Perkins Gilman, Jack London, Sophie Treadwell, Thomas Alva Edison, Henry James, Virginia Woolf, and others. **Application Instructions:** E-mail Professor Biers (klb2134@columbia.edu) with the subject heading, "Writing Machines 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.

Spring 2015: ENGL W3980

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3980	001/61322	T 2:10pm - 4:00pm 201d Philosophy Hall	Katherine Biers	4	6/25

WMST G4000 (Section 1) Genealogies of Feminism: Slavery, Coloniality and the Human. 4 points.

This course examines several genealogies of contemporary critical theory in which the body and processes of embodiment are seen as exemplary sites for the production of truth and power. The purpose of the course is to understand how these authors, and these genealogies of thought, variously links bodies to power: power over life and death, power to cripple and rot certain worlds while over-investing others with wealth and hope. We will also attempt to understand how the theoretical landscapes explored and projected in these texts might relate to practical political and sociological struggles in the contemporary world.

Spring 2015: WMST G4000 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4000	001/24978	T 2:10pm - 4:00pm 301m Fayerweather	Neferti Tadiar, Saidiya Hartman	4	21/25

CLEN W3851 Decolonizing Fictions: Indian Writing in English. 4 points.

Prerequisites: Instructor's permission (Seminar). As the great imperial powers of Britain, France, and Belgium, among others, ceded self-rule to the colonies they once controlled, formerly colonized subjects engaged in passionate discussion about the shape of their new nations, in essays, fiction, poetry, and theatre. Despite the common goal of independence, the heated debates showed that the postcolonial future was still up for grabs, as the boundary

lines between and within nations were once again redrawn. Even such cherished notions as nationalism were disputed, and thinkers like the Nobel laureate Rabindranath Tagore sounded the alarm about the pitfalls of narrow ethnocentric thinking. Their call for a philosophy of internationalism went against the grain of ethnic and racial particularism, which had begun to take on the character of national myth. The conflict of perspectives showed how deep were the divisions among the various groups vying to define the goals of the postcolonial nation, even as they all sought common cause in liberation from colonial rule. Nowhere was this truer than in India. The land that the British rulers viewed as a test case for the implementation of new social philosophies took it upon itself to probe their implications for the future citizenry of a free, democratic republic. We will read works by Indian writers responding to decolonization and, later, globalization as an invitation to rethink the shape of their societies. Ostensibly a gesture of resistance against imperial control, anti-colonialism also sparked debates about gender relations, the place of minorities in the nation, religious difference and secularism, internationalism and models of world unity, among other issues. With the help of literary works and historical accounts, this course will explore the challenges of imagining a post-imperial society in a globalized era without reproducing the structures and subjectivities of the colonial state. Readings will include Rabindranath Tagore, *The Home and the World*; Tagore, *Nationalism*; M.K. Gandhi, *Hind Swaraj*; B.R. Ambedkar, "Gandhism"; Mulk Raj Anand, *Untouchable*; "Stories of the Partition of India and Pakistan"; Bapsi Sidhwa, *Ice Candy Man*; Amitav Ghosh, *The Shadow Lines*; Arundhati Roy, *God of Small Things*; Arvind Adiga, *The White Tiger*. Course requirements: One oral presentation; two short papers, each 4-5 pages (double-spaced); and a final paper, 7-10 pages (double-spaced). **Application instructions:** E-mail Professor Viswanathan (gv6@columbia.edu) with the subject heading "Decolonizing Fictions 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.

Spring 2015: CLEN W3851

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3851	001/65947	W 4:10pm - 6:00pm 612 Philosophy Hall	Gauri Viswanathan	4	12/25

ENGL W3505 Gay and Lesbian Marriage Literature. 4 points.

Prerequisites: Instructor's permission (Seminar). Seminal twentieth-century works are analyzed in terms of the formation of a modernist gay literary style, with references to the earlier history of homosexual literature. Close reading of authors from Europe and the United States, such as Mann, Proust, Baldwin, Cather, Anzaldua, Ashbery, Cavafy, Stein, Cixous, Pasolini, and Lorde. Discussion of lesbian and gay visual and performing artists in order to clarify literary

themes of veiling, amplification, gesture, camp, and the body. The course will include lesbian and gay theory, in particular Foucault, Barthes, Butler, Sedgwick, Irigaray. The course also considers the newer, post-AIDS literary forms that congeal the most recent cultural knowledge of the continuing AIDS crisis. How do recent literary forms describe and define: 1.) the medicalization of AIDS, 2.) melancholy and mourning as a response, 3.) literatures of self-healing, 4.) the expressive portrayal of AIDS bodies, 5.) notions of individual vs. social immunity, 6.) the recent social history of immunology, 7.) the scarcity of socio-cultural critique of AIDS etiology, and 8.) the intermittent coverage of "living with AIDS" stories.

Application Instructions: E-mail Professor Robinson-Appels (jr2168@columbia.edu) with the subject heading, "Gay and Lesbian Literature 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.

Spring 2015: ENGL W3505

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3505	001/24174 F	6:10pm - 8:00pm 301m Fayerweather	Jonathan Robinson-Appels	4	30/25

CSEN W1002 Computing in Context. 4 points.

CC/GS: Partial Fulfillment of Science Requirement

This is a computer science course for liberal arts majors. By taking this class you will gain new super-powers: the ability to think algorithmically, to bring algorithms to life as code (in Python), and to bring code to bear on relevant problems in History, Economics, or Literary Theory (you will pick a track). Taught in conjunction with faculty from Arts, Sciences, and Engineering, this unprecedented course is an opportunity to gain a measure of digital literacy to empower every student, scholar, and citizen. Students may take for credit either ENGL E1006 or CSEN W1002, but not both.

Spring 2015: CSEN W1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSEN 1002	001/69696 T Th	2:40pm - 3:55pm 501 Schermerhorn Hall	Karl Sigman, Matthew Jones, Adam Cannon, Dennis Tenen	4	124/150

ENGL W3872 Independent Study. 4 points.

If a student wishes to pursue a research project or a course of study not offered by the department, he or she may apply for an Independent Study. **Application:** 1. cover sheet with signatures of the professor who will serve as the project sponsor and departmental administrator or

director of undergraduate studies 2. project description in 750 words, including any preliminary work in the field, such as a lecture course(s) or seminar(s) 3. bibliography of primary and secondary works to be read or consulted. Please visit the English and Comparative Literature Department website at <http://english.columbia.edu/undergraduate/forms> for the cover sheet form or see the administrator in 602 Philosophy Hall for the cover sheet form and to answer any other questions you may have.

Spring 2015: ENGL W3872

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3872	001/75522		Michael Golston	4	1

ENGL W3999 Senior Essay. 3 points.

Prerequisites: Permission of the department.

This course is open only to those who have applied and been accepted into the department's senior essay program. For information about the program, including deadline for application, please visit <http://english.columbia.edu/undergraduate/senior-essay-program>.

Spring 2015: ENGL W3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3999	001/81596		Erik Gray	3	27

UNIVERSITY WRITING

ENGL C1010 University Writing. 3 points.

University Writing is designed to help undergraduates read and write essays in order to participate in the academic conversations that form Columbia's intellectual community. The course gives special attention to the practices of close reading, rhetorical analysis, research, collaboration, and substantive revision. By writing multiple drafts of essays typically ranging from three to ten pages, students will learn that writing is a process of forming and refining their ideas and their prose. Rather than approaching writing as an innate talent, the course teaches writing as a unique skill that can be practiced and developed.

Fall 2014: ENGL C1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	002/88005 M W	8:40am - 9:55am 412 Pupin Laboratories	Rosa Schneider	3	14/14
ENGL 1010	003/12191 M W	8:40am - 9:55am 411 Hamilton Hall	Hannah Rogers	3	14/14
ENGL 1010	004/11030 M W	8:40am - 9:55am 616 Hamilton Hall	Sarah Arkebauer	3	14/14
ENGL 1010	006/23321 M W	10:10am - 11:25am 201b Philosophy Hall	Gabriel Bloomfield	3	14/14

ENGL 1010	007/64692	M W 10:10am - 11:25am	Gregory Pardlo	3	14/14	ENGL 1010	004/63013	M W 8:40am - 9:55am	Hannah Rogers	3	14/14
		511 Hamilton Hall						607 Hamilton Hall			
ENGL 1010	010/60797	M W 11:40am - 12:55pm	Christina Iglesias	3	14/14	ENGL 1010	007/28448	M W 10:10am - 11:25am	Amber Medland	3	14/14
		315 Hamilton Hall						201b Philosophy Hall			
ENGL 1010	013/61846	M W 1:10pm - 2:25pm	Shannon Jilek	3	14/14	ENGL 1010	010/87031	M W 11:40am - 12:55pm	Samuel Mitchell	3	14/14
		313 Pupin Laboratories						201b Philosophy Hall			
ENGL 1010	014/62196	M W 1:10pm - 2:25pm	Samuel Mitchell	3	14/14	ENGL 1010	012/21248	M W 1:10pm - 2:25pm	Amir Fainaru	3	13/14
		407 Hamilton Hall						408a Philosophy Hall			
ENGL 1010	016/63146	M W 2:40pm - 3:55pm	Brian Bartell	3	14/14	ENGL 1010	013/23450	M W 1:10pm - 2:25pm	Julia Drake	3	13/14
		318 Hamilton Hall						307 Mathematics Building			
ENGL 1010	017/66548	M W 2:40pm - 3:55pm	Sabrina Alli	3	14/14	ENGL 1010	014/27096	M W 1:10pm - 2:25pm	Chin-chi Wang	3	14/14
		411 Hamilton Hall						407 Hamilton Hall			
ENGL 1010	018/66996	M W 2:40pm - 3:55pm	Alexandra Watson	3	14/14	ENGL 1010	015/25514	M W 2:40pm - 3:55pm	Simon Porzak	3	13/14
		616 Hamilton Hall						201b Philosophy Hall			
ENGL 1010	021/67996	M W 4:10pm - 5:25pm	Benjamin VanWagoner	3	14/14	ENGL 1010	017/76096	M W 2:40pm - 3:55pm	Rachel Schwerin	3	14/14
		201b Philosophy Hall						408a Philosophy Hall			
ENGL 1010	022/68247	M W 4:10pm - 5:25pm	Eric Kim	3	14/14	ENGL 1010	018/77796	M W 2:40pm - 3:55pm	Samantha Schnell	3	13/14
		408a Philosophy Hall						318 Hamilton Hall			
ENGL 1010	024/70946	M W 5:40pm - 6:55pm	Valerio Amoretti	3	14/14	ENGL 1010	020/92996	M W 4:10pm - 5:25pm	Christopher Williams	3	14/14
		507 Hamilton Hall						201b Philosophy Hall			
ENGL 1010	025/71346	M W 5:40pm - 6:55pm	Kristin Slaney	3	13/14	ENGL 1010	021/96397	M W 4:10pm - 5:25pm	Eric Kim	3	14/14
		407 Hamilton Hall						408a Philosophy Hall			
ENGL 1010	026/71647	M W 5:40pm - 6:55pm	Samantha Miller	3	13/14	ENGL 1010	022/97499	M W 4:10pm - 5:25pm	Leah Zander	3	14/14
		313 Hamilton Hall						307 Mathematics Building			
ENGL 1010	027/71897	M W 5:40pm - 6:55pm	Leah Zander	3	13/14	ENGL 1010	025/15847	M W 5:40pm - 6:55pm	Justin Snider	3	14/14
		316 Hamilton Hall						201b Philosophy Hall			
ENGL 1010	030/28196	T Th 8:40am - 9:55am	Amber Medland	3	14/14	ENGL 1010	026/18551	M W 5:40pm - 6:55pm	Sabrina Alli	3	14/14
		616 Hamilton Hall						408a Philosophy Hall			
ENGL 1010	031/28646	T Th 8:40am - 9:55am	Campbell Birch	3	14/14	ENGL 1010	027/21999	M W 5:40pm - 6:55pm	Alexandra Watson	3	13/14
		313 Hamilton Hall						313 Hamilton Hall			
ENGL 1010	034/28530	T Th 10:10am - 11:25am	Alexander Lash	3	14/14	ENGL 1010	028/25780	T Th 8:40am - 9:55am	Campbell Birch	3	14/14
		408a Philosophy Hall						201b Philosophy Hall			
ENGL 1010	037/63007	T Th 11:40am - 12:55pm	Michael West	3	13/14	ENGL 1010	029/63014	T Th 8:40am - 9:55am	Sarah Arkebauer	3	13/14
		412 Pupin Laboratories						408a Philosophy Hall			
ENGL 1010	040/65942	T Th 1:10pm - 2:25pm	Jordan Kisner	3	14/14	ENGL 1010	031/64029	T Th 8:40am - 9:55am	Shannon Jilek	3	14/14
		307 Mathematics Building						318 Hamilton Hall			
ENGL 1010	041/24691	T Th 1:10pm - 2:25pm	Emily Madison	3	14/14	ENGL 1010	034/67002	T Th 10:10am - 11:25am	Alexander Lash	3	14/14
		425 Pupin Laboratories						201b Philosophy Hall			
ENGL 1010	044/88006	T Th 2:40pm - 3:55pm	Emma Crandall	3	12/14	ENGL 1010	035/88697	T Th 11:40am - 12:55pm	Tana Wojczuk	3	14/14
		201b Philosophy Hall						201b Philosophy Hall			
ENGL 1010	045/29568	T Th 2:40pm - 3:55pm	Amir Fainaru	3	14/14	ENGL 1010	037/25532	T Th 11:40am - 12:55pm	Eliza Schrader	3	14/14
		509 Hamilton Hall						502 Northwest Corner			
ENGL 1010	047/67196	T Th 4:10pm - 5:25pm	Abigail Rabinowitz	3	14/14	ENGL 1010	040/21597	T Th 1:10pm - 2:25pm	Michael West	3	14/14
		502 Northwest Corner						408a Philosophy Hall			
ENGL 1010	048/60530	T Th 4:10pm - 5:25pm	Samantha Schnell	3	13/14	ENGL 1010	041/82046	T Th 1:10pm - 2:25pm	Gabriel Bloomfield	3	14/14
		313 Pupin Laboratories						307 Mathematics Building			
ENGL 1010	049/61529	T Th 4:10pm - 5:25pm	Eugene Petracca	3	14/14	ENGL 1010	043/23327	T Th 2:40pm - 3:55pm	Jordan Kisner	3	14/14
		222 Pupin Laboratories						413 Hamilton Hall			
ENGL 1010	052/80779	T Th 5:40pm - 6:55pm	Rachel Schwerin	3	10/14	ENGL 1010	044/63532	T Th 2:40pm - 3:55pm	Samantha Miller	3	14/14
		222 Pupin Laboratories						502 Northwest Corner			
ENGL 1010	053/81529	T Th 5:40pm - 6:55pm	Chin-chi Wang	3	14/14	ENGL 1010	045/61597	T Th 2:40pm - 3:55pm	Brian Bartell	3	14/14
		313 Pupin Laboratories						601b Fairchild Life Sciences Bldg			
ENGL 1010	054/85529	T Th 5:40pm - 6:55pm	Kristen Martin	3	13/14	ENGL 1010	048/18348	T Th 4:10pm - 5:25pm	Kristen Martin	3	14/14
		408a Philosophy Hall						307 Mathematics Building			
Spring 2015: ENGL C1010						ENGL 1010	049/21598	T Th 4:10pm - 5:25pm	Caitlin Rimshnick	3	14/14
Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment			502 Northwest Corner			
ENGL 1010	002/28696	M W 8:40am - 9:55am	Rosa Schneider	3	13/14	ENGL 1010	051/27532	T Th 5:40pm - 6:55pm	Kristin Slaney	3	12/14
		201b Philosophy Hall						408a Philosophy Hall			
ENGL 1010	003/23326	M W 8:40am - 9:55am	Christina Iglesias	3	14/14	ENGL 1010	052/29579	T Th 5:40pm - 6:55pm	Valerio Amoretti	3	12/14
		408a Philosophy Hall						502 Northwest Corner			

ENGL 1010	053/28449	T Th 5:40pm - 6:55pm	Eugene Petracca	3	11/14
ENGL 1010	054/64280	T Th 5:40pm - 6:55pm	Kathleen Ross	3	11/14

ENGL C1011 University Writing: Readings in American Studies. *3 points.*

Fall 2014: ENGL C1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1011	001/25961	M W 8:40am - 9:55am 201b Philosophy Hall	Valeria Tsygankova	3	14/14
ENGL 1011	002/24703	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Tana Wojczuk	3	14/14
ENGL 1011	003/66648	T Th 8:40am - 9:55am 408a Philosophy Hall	Craig Gurian	3	13/14
ENGL 1011	004/72798	T Th 10:10am - 11:25am 407 Mathematics Building	Elina Mishuris	3	14/14

Spring 2015: ENGL C1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1011	001/61046	M W 10:10am - 11:25am 652 Schermerhorn Hall	Valeria Tsygankova	3	14/14
ENGL 1011	002/92247	M W 11:40am - 12:55pm 325 Pupin Laboratories	Elina Mishuris	3	13/14
ENGL 1011	003/79692	T Th 10:10am - 11:25am 424 Pupin Laboratories	Naima Coster	3	14/14
ENGL 1011	004/82498	M W 5:40pm - 6:55pm 316 Hamilton Hall	Benjamin Barasch	3	13/14

ENGL C1012 University Writing: Readings in Gender and Sexuality. *3 points.*

Fall 2014: ENGL C1012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1012	001/61648	M W 4:10pm - 5:25pm 502 Northwest Corner	Ronna Popkin	3	14/14
ENGL 1012	002/62947	M W 5:40pm - 6:55pm 201b Philosophy Hall	Trevor Corson	3	14/14
ENGL 1012	003/71400	T Th 10:10am - 11:25am 307 Mathematics Building	Victoria Wiet	3	14/14
ENGL 1012	004/96849	T Th 1:10pm - 2:25pm 201b Philosophy Hall	Glenn Gordon	3	14/14
ENGL 1012	005/85283	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Susan Hanrahan	3	14/14

Spring 2015: ENGL C1012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1012	002/77280	M W 5:40pm - 6:55pm 502 Northwest Corner	Trevor Corson	3	12/14
ENGL 1012	003/85279	T Th 1:10pm - 2:25pm 325 Pupin Laboratories	Ronna Popkin	3	14/14
ENGL 1012	004/86048	T Th 4:10pm - 5:25pm 201b Philosophy Hall	Emma Crandall	3	14/14

ENGL C1013 University Writing: Readings in Sustainable Development. *3 points.*

Fall 2014: ENGL C1013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1013	001/84692	M W 11:40am - 12:55pm 408a Philosophy Hall	Joseph Cross	3	14/14
ENGL 1013	002/68002	T Th 8:40am - 9:55am 201b Philosophy Hall	Adam Winters	3	13/14
ENGL 1013	003/17150	T Th 5:40pm - 6:55pm 412 Pupin Laboratories	Jaime Green	3	14/14

Spring 2015: ENGL C1013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1013	001/11846	M W 8:40am - 9:55am 652 Schermerhorn Hall	Joseph Cross	3	13/14
ENGL 1013	002/64696	T Th 10:10am - 11:25am 307 Mathematics Building	Adam Winters	3	14/14
ENGL 1013	003/28783	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Abigail Rabinowitz	3	14/14

ENGL C1014 University Writing: Readings in Human Rights. *3 points.*

Fall 2014: ENGL C1014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1014	001/61298	M W 10:10am - 11:25am 307 Mathematics Building	Nina Sharma	3	14/14
ENGL 1014	002/12783	M W 1:10pm - 2:25pm 201b Philosophy Hall	Rebecca Strauss	3	14/14
ENGL 1014	003/81776	M W 4:10pm - 5:25pm 307 Mathematics Building	Andrea Crow	3	13/14
ENGL 1014	004/77700	T Th 11:40am - 12:55pm 407 Hamilton Hall	Meredith Shepard	3	14/14
ENGL 1014	005/12299	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Seth Williams	3	14/14

Spring 2015: ENGL C1014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1014	001/60908	M W 11:40am - 12:55pm 315 Hamilton Hall	Meredith Shepard	3	13/14
ENGL 1014	002/14697	M W 1:10pm - 2:25pm 502 Northwest Corner	Andrea Crow	3	14/14
ENGL 1014	003/93247	T Th 11:40am - 12:55pm 408a Philosophy Hall	Rebecca Strauss	3	14/14
ENGL 1014	004/60942	T Th 5:40pm - 6:55pm 652 Schermerhorn Hall	Nina Sharma	3	14/14

ENGL C1015 University Writing: Readings in Data Sciences and Engineering. *3 points.*

Fall 2014: ENGL C1015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1015	001/82597	M W 2:40pm - 3:55pm 502 Northwest Corner	Simon Porzak	3	14/14

ENGL 1015	002/83298	T Th 1:10pm - 2:25pm	Catherine Kirch	3	13/14
		652 Schermerhorn Hall			
ENGL 1015	003/87950	T Th 2:40pm - 3:55pm	Aled Roberts	3	14/14
		652 Schermerhorn Hall			

Spring 2015: ENGL C1015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1015	001/12192	M W 2:40pm - 3:55pm	Aled Roberts	3	14/14
		424 Pupin Laboratories			
ENGL 1015	002/68497	T Th 1:10pm - 2:25pm	Catherine Kirch	3	14/14
		315 Hamilton Hall			

ENGL C1020 University Writing: for International Students. 3 points.**Fall 2014: ENGL C1020**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1020	001/23336	M W 11:40am - 12:55pm	Sneha Desai	3	14/14
		201b Philosophy Hall			
ENGL 1020	002/81096	T Th 11:40am - 12:55pm	Atefeh Akbari Shahmirzadi	3	13/14
		201b Philosophy Hall			
ENGL 1020	003/13698	T Th 5:40pm - 6:55pm	Ngara N'Diaye	3	12/14
		201b Philosophy Hall			

Spring 2015: ENGL C1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1020	001/81648	M W 4:10pm - 5:25pm	Christopher Edling	3	14/14
		114 Knox Hall			
ENGL 1020	002/81759	T Th 4:10pm - 5:25pm	Ngara N'Diaye	3	14/14
		652 Schermerhorn Hall			

ENGL F1010 University Writing. 3 points.

Prerequisites: Non-native English speakers must reach level 10 in the American Language Program prior to registering for English F1010.

University Writing, required of all GS students in their first semester, facilitates students' entry into the intellectual life of the University by helping them to become more capable and independent academic readers and writers. With its small section size and emphases on critical analysis, revision and the writing process, collaboration, and research, the course provides an occasion for students to develop academic habits and skills important to their success in future courses. In planning their first semesters of study at Columbia, GS students should start by choosing the section of English F1010 - University Writing that best fits their schedules

Fall 2014: ENGL F1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	002/11531	T Th 8:40am - 9:55am	Rachel Dunn	3	14/14
		609 Hamilton Hall			
ENGL 1010	003/13532	M W 10:10am - 11:25am	Emma O'Loughlin	3	14/14
		408a Philosophy Hall			

ENGL 1010	005/27280	T Th 10:10am - 11:25am	Elizabeth Metzger	3	11/14
		201b Philosophy Hall			
ENGL 1010	006/28779	M W 11:40am - 12:55pm	Tana Wojczuk	3	13/14
		652 Schermerhorn Hall			
ENGL 1010	007/23322	M W 11:40am - 12:55pm	Caitlin Rimshnick	3	14/14
		325 Pupin Laboratories			
ENGL 1010	009/60820	M W 1:10pm - 2:25pm	Simon Porzak	3	13/14
		502 Northwest Corner			
ENGL 1010	010/88007	T Th 1:10pm - 2:25pm	Erica Richardson	3	14/14
		412 Pupin Laboratories			
ENGL 1010	011/60821	M W 2:40pm - 3:55pm	Rebecca Strauss	3	13/14
		201b Philosophy Hall			
ENGL 1010	013/62279	M W 4:10pm - 5:25pm	Sarah Thomas	3	14/14
		224 Pupin Laboratories			
ENGL 1010	015/62046	M W 5:40pm - 6:55pm	Justin Snider	3	14/14
		408a Philosophy Hall			
ENGL 1010	016/62546	T Th 5:40pm - 6:55pm	Miranda Pennington	3	13/14
		307 Pupin Laboratories			
ENGL 1010	019/63697	M W 7:10pm - 8:25pm	Kathleen Ross	3	13/14
		408a Philosophy Hall			
ENGL 1010	020/65997	T Th 7:10pm - 8:25pm	Harald Sundt	3	13/14
		201b Philosophy Hall			
ENGL 1010	021/66346	T Th 1:10pm - 2:25pm	Elliot Ross	3	10/14
		408a Philosophy Hall			
ENGL 1010	022/61649	M W 1:10pm - 2:25pm	John Kuhn	3	14/14
		408a Philosophy Hall			
ENGL 1010	023/69282	M W 8:40am - 9:55am	Margie Rosebrock	3	13/14
		607 Hamilton Hall			
ENGL 1010	024/19702	M W 1:10pm - 2:25pm	Matthew Margini	3	13/14
		103 Knox Hall			
ENGL 1010	025/92094	T Th 6:10pm - 7:25pm	Matthew Main	3	14/14
		407 Hamilton Hall			
ENGL 1010	026/93654	M W 6:10pm - 7:25pm	Alexandra Watson	3	10/14
		413 Hamilton Hall			

Spring 2015: ENGL F1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	001/17597	M W 8:40am - 9:55am	Benjamin VanWagoner	3	14/14
		307 Mathematics Building			
ENGL 1010	002/21196	T Th 8:40am - 9:55am	Candace Cunard	3	11/14
		652 Schermerhorn Hall			
ENGL 1010	003/23650	M W 10:10am - 11:25am	Gregory Pardlo	3	14/14
		408a Philosophy Hall			
ENGL 1010	004/26747	T Th 10:10am - 11:25am	Matthew Margini	3	14/14
		408a Philosophy Hall			
ENGL 1010	006/87781	M W 11:40am - 12:55pm	Erica Richardson	3	13/14
		408a Philosophy Hall			
ENGL 1010	007/95944	T Th 11:40am - 12:55pm	Elliot Ross	3	13/14
		318 Hamilton Hall			
ENGL 1010	011/21048	M W 1:10pm - 2:25pm	Sarah Thomas	3	14/14
		652 Schermerhorn Hall			
ENGL 1010	013/71997	T Th 1:10pm - 2:25pm	Emily Madison	3	14/14
		607 Hamilton Hall			
ENGL 1010	016/67055	M W 4:10pm - 5:25pm	Joshua Swidzinski	3	14/14
		502 Northwest Corner			
ENGL 1010	017/76048	T Th 4:10pm - 5:25pm	Abigail Rabinowitz	3	13/14
		408a Philosophy Hall			
ENGL 1010	019/85532	M W 5:40pm - 6:55pm	Matthew Main	3	14/14
		315 Hamilton Hall			
ENGL 1010	021/11898	T Th 5:40pm - 6:55pm	Emma Crandall	3	14/14
		201b Philosophy Hall			

ENGL 024/82997 T Th 7:10pm - 8:25pm Sara Novic 3 12/14
1010 201b Philosophy Hall

FALL 2014 MEDIEVAL

ENGL W3245 Experimental Poetry in the Middle Ages. 3 points.

(Lecture). The later English Middle Ages bear witness to an astonishingly intense period of literary experimentation. Almost all of this experimentation is in poetry; nonrhythmic prose is not a coherent medium (with cultural prestige, genres, and so on) in literary English composition until after the invention of the printing press in about 1450. The experimental impulse originates from a fundamental ling. change: in the aftermath of the Norman Conquest (1066), French poetic practices collide with Anglo-Saxon practices to produce the first flowering of Middle English poetry. New forms arise both in narrative and lyric poetry and in both religious and secular contexts, though one upshot of the experimental energy of the period is that both of these oppositions -- narrative versus lyric, religious versus secular -- are examined and reinvented by the end of the Middle Ages, particularly in the large-scale narrative fictions of the major poets of Edwardian, Ricardian, and Lancastrian England. In this course, we will read some of the most prominent and influential of these poetic experiments -- including *Piers Plowman*, some of Chaucer's works, the *Confessio amantis*, and some late medieval verse dramas. We will be thinking at all turns about how these poems encounter literary tropes, forms, traditions, and problems, and how they devise formal and thematic ways of addressing, reshaping, and sometimes radically reinventing those problems for a new, emerging vernacular readership in Late Middle Ages. But we will pair these experimental poems with more obviously experimental poetry -- poems written in the late 20th and early 21st centuries by American and Canadian writers.

Fall 2014: ENGL W3245

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3245	001/77439	T Th 10:10am - 11:25am 703 Hamilton Hall	Eleanor Johnson	3	49

ENGL W3920 Troilus and Criseyde. 4 points.

Prerequisites: Permission of instructor.
(Seminar). **Application Instructions:** E-mail Professor David Yerkes (dmy1@columbia.edu) by April 11 with the subject heading "Troilus and Criseyde 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 2014: ENGL W3920

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3920	001/68446	T 12:10pm - 2:00pm 522c Kent Hall	David Yerkes	4	9/25

ENGL W4091 Introduction to Old English Language & Literature. 3 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 2014: ENGL W4091

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4091	001/71086	M W 10:10am - 11:25am 754 Ext Schermerhorn Hall	Patricia Dailey	3	11

RENAISSANCE

ENGL W3816 Epic Fails and New World Dreams: Narratives and Images of the Encounter 1492-1692. 4 points.

Prerequisites: Permission of instructor.
(Seminar) (Prof. Bianca F.-C. Calabresi) This course examines how European exposure to Africa and the Americas influenced transatlantic literature from Columbus to Aphra Behn, asking how art and texts from all three continents reflected, responded to, and shaped the contact zones created by early modern expansion. Topics include the creation of geographic identities and selves; visual versus verbal representations of 'savages'; gender and sexuality at home and abroad; old genres and new technologies; utopian communities; travel for pleasure, profit, and pain. Authors include More, Milton, Montaigne, Donne, Guaman Poma, Shakespeare, Sor Juana de la Cruz, & the Basque trans-exnun, Catalina de Erauso. All texts available in the original and in translation. **Application instructions:** E-mail Professor Calabresi (bc16@columbia.edu) by April 14 with the subject heading "Epic Fails 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 2014: ENGL W3816

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3816	001/93443	M 11:00am - 12:50pm 613 Hamilton Hall	Bianca Calabresi	4	3

ENGL W3259 Milton (Seminar). 4 points.

Prerequisites: Permission of the instructor.
(Seminar). Application instructions: E-mail Professor Komoroski (c/o pbr2101@columbia.edu) April 11 with the subject heading "Milton 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 2014: ENGL W3259

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3259	001/66997	Th 11:00am - 12:50pm 401 Hamilton Hall	Michael Komorowski	4	10

ENGL W3335 Shakespeare I. 3 points.

(Lecture). Shakespeare's early comedies, histories, tragedies, and poetry from *Titus Andronicus* to *Hamlet*. Note: No auditors or LLL. Enrollment is limited to 60.

Fall 2014: ENGL W3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3335	001/11585	M W 6:10pm - 7:25pm 614 Schermerhorn Hall	Molly Murray	3	85

ENGL W3337 Tudor-Stuart Drama. 4 points.

(Seminar). In this seminar we will engage popular theater from the late 16c and early 17c, focusing on revenge tragedy, satire, and tragicomedy, investigating the performance of religion, sex, magic, and family in the works of Marlowe, Kyd, Jonson, Middleton, Webster, and Shakespeare.

Fall 2014: ENGL W3337

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3337	001/60836	Th 4:10pm - 6:00pm 602 Philosophy Hall	Edward Tayler	4	10/15

Spring 2015: ENGL W3337

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3337	001/63790	W 2:10pm - 4:00pm 201d Philosophy Hall	Andrea Solomon	4	11/25

ENGL W4103 English Literature 1500-1600. 3 points.

(Lecture). This lecture course examines sixteenth-century English literature in the light of the new religious, social and political challenges of the period. Texts, primarily poetry and prose, include lyric poetry by Thomas Wyatt, Henry Howard, earl of Surrey, and John Donne; sonnet sequences by Philip Sidney and William Shakespeare; early narrative works by George Gascoigne and Thomas Nashe; works of Early English literary criticism; travel writings by Walter Raleigh and Thomas Harriot; as well as longer texts including More's *Utopia* and Spenser's *Faerie Queene*.

Fall 2014: ENGL W4103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4103	001/17191	M W 1:10pm - 2:25pm 516 Hamilton Hall	Alan Stewart	3	21

18TH AND 19TH CENTURY

ENGL W3962 The Novel of Manners. 4 points.

Prerequisites: Permission of the instructor.
(Instructor: Prof. Dames) (Seminar). A study of the novelistic genre, in nineteenth and twentieth-century Britain and the US, that centers on the vexed relation between individual consciousness and social behavior, particularly as revealed by the small customary norms known as "manners." How manners express, encode, inhibit, or produce things like social conflict, ethics, and desire will be our theme. We will also give special attention to manners as a crucial cultural battleground between aristocratic status and bourgeois striving: not just the details of eating, dress, gesture, and speech, in other words, but also how those details tell the story of modern subjectivity. Novels to be selected from among Austen, Gaskell, Trollope, Meredith, James, Wharton, Waugh, Pym, Hollinghurst; supplementary reading from Trilling, Geertz, Douglas, Goffman, Elias, Bourdieu, and others; likely attention to at least one cinematic example, such as Renoir's *La règle du jeu*. **Application Instructions:** E-mail Professor Nicholas Dames (nd122@columbia.edu) by April 11 with the subject heading "Novel of Manners 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 2014: ENGL W3962

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3962	001/25013	W 9:00am - 10:50am 507 Philosophy Hall	Nicholas Dames	4	16

ENGL W4402 Romantic Poetry. 3 points.

(Lecture). This course examines major British poets of the period 1789-1830. We will be focusing especially on the poetry and poetic theory of William Blake, William Wordsworth, Samuel Taylor Coleridge, Lord Byron, Percy Shelley, and John Keats. We will also be reading essays, reviews, and journal entries by such figures as Robert Southey, William Hazlitt, and Dorothy Wordsworth. The class is open to all undergraduate and graduate students.

Fall 2014: ENGL W4402

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4402	001/65227	T Th 10:10am - 11:25am 501 Northwest Corner	Erik Gray	3	101

ENGL W4405 Victorian Literature. 3 points.

(Lecture).

Fall 2014: ENGL W4405

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4405	001/93633	M W 11:40am - 12:55pm 516 Hamilton Hall	James Adams	3	36/80

20TH AND 21ST CENTURY**CLEN W3390 The Art of the Novel. 4 points.**

Prerequisites: Permission of the instructors.
(Seminar). The phrase "the art of the novel," a reminder that the ascension of the genre to the status of "high art" rather than merely popular entertainment is still relatively recent, comes from Henry James, himself both a novelist and an influential critic of the novel. The premise of this co-taught seminar is that it is intellectually productive to bring together the perspectives of the novelist and the critic, looking both at their differences and at their common questions and concerns. In addition to fiction and criticism by Orhan Pamuk, students will read novels by Stendhal, Dostoevsky, and Tolstoy. **Application instructions:** E-mail Professor Robbins (bwr2001@columbia.edu) by April 11 with the subject heading "Art of the Novel 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 2014: CLEN W3390

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3390	001/69136	T 4:10pm - 6:00pm 612 Philosophy Hall	Bruce Robbins	4	17/25

CLEN W3942 The Rise of the African Novel. 4 points.

Prerequisites: Permission of instructor.

(Seminar). **Application Instructions:** E-mail Professor Joseph Slaughter (jrs272@columbia.edu) by April 11 with the subject heading "African novel 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 2014: CLEN W3942

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 3942	001/28651	T 2:10pm - 4:00pm 612 Philosophy Hall	Joseph R Slaughter	4	7

CLEN W4550 Narrative and Human Rights. 3 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 thematics, 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-Na'im, 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 2014: CLEN W4550

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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CLEN 001/27790 M W 6:10pm - 7:25pm Joseph R 3 57/92
4550 312 Mathematics Building Slaughter

CLEN W4560 Backgrounds to Contemporary Theory. 3 points.

(Lecture). In chapter 4 of Hegel's *Phenomenology of Mind*, a story is told about a confrontation between a Lord (Herr) and a Bondsman (Knecht). The story conveys how consciousness is born. This story, subsequently better known as the confrontation between Master and Slave, has been appropriated and revised again and again in figures like Marx and Nietzsche, Sartre, De Beauvoir, and Fanon, Freud and Lacan, Emmanuel Levinas, Carl Schmitt, Slavoj Žižek, and Judith Butler. The premise of this course is that one can understand much of which is (and isn't) most significant and interesting in contemporary cultural theory by coming to an understanding Hegel's argument, and tracing the paths by which thinkers revise and return to it as well as some of the arguments around it. This course is intended for both graduates and undergraduates. There are no prerequisites, but the material is strenuous, and students will clearly have an easier time if they start out with some idea of what the thinkers above are doing and why. Helpful preparatory readings might include Genevieve Lloyd, *The Man of Reason: "Male" and "Female" in Western Philosophy* and Judith Butler, *Gender Trouble*. Requirements: For undergraduates: two short papers (6-8 pages). For graduate students, either two short papers or one longer paper (12-15 pages).

Fall 2014: CLEN W4560

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4560	001/74376	M W 10:10am - 11:25am 603 Hamilton Hall	Bruce Robbins	3	23

ENGL W3230 Literature of James Joyce. 3 points.

The primary aim of this course is to read the works of James Joyce carefully and thoughtfully. The readings in Joyce are ample, including *Dubliners*, *Portrait of the Artist*, *Exiles*, *Ulysses*, and selected essays from Joyce's *Critical Writings*, with small forays into *Finnegans Wake* for the obsessed.

Fall 2014: ENGL W3230

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3230	001/63319	M W 2:40pm - 3:55pm 602 Hamilton Hall	Philip Kitcher	3	68

ENGL W3729 The Bloomsbury Group. 4 points.

Prerequisites: Permission of instructor.

(Seminar). The Bloomsbury Group was an intellectual and social coterie of British writers, painters and critics, and an economist who were at the height of their powers during the interwar period. More than one hundred years have passed since the Bloomsbury Group came together in a drawing

room in a then-unfashionable London neighborhood, and the influence of its members is arguably more pervasive than ever. The economic theories of Maynard Keynes are debated in newspapers around the world. The face of Virginia Woolf looms on Barnes & Noble shopping bags. The homes and haunts of Bloomsbury receive thousands of pilgrims a year. Adored by some and derided by others, the Bloomsbury Group remains, as it has always been, difficult to ignore. This course will introduce students to the history, philosophy, and achievements of the Bloomsbury Group. It will survey the work of the Bloomsbury Group across its myriad forms, encompassing literature, art, criticism, economics, publishing, social protest, and interior design. It will assess the individual and collective achievements of group members and consider the Bloomsbury Group as a coterie, a workshop, and an institution. Given the controversies that have surrounded the group from the moment of its inception, we will also study the reception history of Bloomsbury and analyze, in particular, its polarization along national lines. **Application Instructions:** E-mail Professor Victoria Rosner (vpr4@columbia.edu) by April 11 with the subject heading "Bloomsbury Group 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 2014: ENGL W3729

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3729	001/29496	M 2:10pm - 4:00pm 402 Hamilton Hall	Victoria Rosner	4	9

ENGL W4502 Late Modernism. 3 points.

(Lecture). The term "modernism" is unusual in that refers simultaneously to a style, an idea, and a period. Critics often argue about the beginning of the modernist period, some joining Virginia Woolf in dating it from "on or about 1910" (when "human character changed"), others pushing it back to 1890 or earlier. There is even more debate about when - or if - modernism ends. In the 1980s, critical theorists such as Fredric Jameson posited the existence of a decisive break between modernism and so-called postmodernism. More recently, scholars have become interested in the longevity and temporal unevenness of modernism as an aesthetic and social phenomenon. Inspired by such scholarship, this lecture class examines the evidence for a concept of "late modernism." We will examine late modernism in a number of guises: as an extension of modernist aesthetics into the late twentieth century; as an elegiac, negative, or inward turn within the modernist avant-garde; and as a symptom of an unevenly globalized modernity. Literary readings by the likes of W. H. Auden, Djuna Barnes, Samuel Beckett, Basil Bunting, T. S. Eliot, B. S. Johnson, Ann Quin, Jean Rhys, and Virginia

Woolf. Critical and theoretical readings will come from figures such as T. W. Adorno, Clement Greenberg, Fredric Jameson, and Edward Said.

Fall 2014: ENGL W4502

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4502	001/84781	M W 2:40pm - 3:55pm 201a Philosophy Hall	Matthew Hart	3	9

AMERICAN

ENGL W3267 Foundations of American Literature. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., Discussion Section Required

(Lecture). This course is an introduction to American thought and expression from the first English settlements to the eve of the Civil War. The course will proceed through a combination of lecture and discussion-with the aim of deepening our understanding of the origins and development of literature and culture in the United States.

Fall 2014: ENGL W3267

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3267	001/66771	M W 10:10am - 11:25am 517 Hamilton Hall	Andrew Delbanco, Zachary Roberts	3	83/80

ENGL W3400 African-American Literature I. 3 points.

(Lecture).

Fall 2014: ENGL W3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3400	001/17050	T Th 1:10pm - 2:25pm 602 Hamilton Hall	Farah Griffin	3	61

ENGL W3618 Native American Literature. 4 points.

(Seminar) This course will serve as a survey of Native American literature from the 1960s to the present. We will begin with some of the foundational novels of the Native American Renaissance beginning in the late 1960s, then moving to more contemporary Native-authored drama, poetry, and critical and theoretical essays. We will examine the ways that these Native authors represent themselves and their communities. Among these representations are didactic narratives designed to instruct outgroup, non-Native readers to Indian cultures, histories and practices. However, these texts are also in dialogue with a wide array of other texts from Native and non-Native authors. Moreover, and more interestingly, we will examine these narratives to understand them from the Indigenous practices that overturn implicit or presupposed aesthetic privileging of

European traditions. **Application instructions:** E-mail Professor Gamber (jbg2134@columbia.edu) April 11 with the subject heading "Native American Literature 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 2014: ENGL W3618

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3618	001/78279	M 12:10pm - 2:00pm 309 Hamilton Hall	John Gamber	4	13

ENGL W3718 Reading the Women's Prison, 1890-1940. 4 points.

Prerequisites: Permission of instructor (Seminar). In recent years, the prison has emerged as a central theme and figure in American literary studies, yet despite the fact that women are the fastest-growing group of incarcerated people in the US, the majority of scholarship has focused on men in prison. This course asks: what literary traditions emerge from the women's prison, and how has the women's prison in the US been developed through narrative forms? We will explore how literary questions of narrative and genre have shaped, and are shaped by, the conceptualization of women's crime and the development of the women's prison as an institution from the early 20th century onward. How have narratives about women's crime and incarceration enabled and responded to formations of race, gender and sexuality? How have genres such as naturalism, with its often fatalistic emplotment of women's lives, or modernism, with its possibilities for formal experimentation, allowed for different engagements with imprisonment? How do different mediums, such as dramatic performance, photography or sociological inquiry inform representations of women's crime and what are their relationships to literary fiction? Working across a range of literary and textual sites, including the novel, photography and institutional case files, we will read works by authors such as Theodore Dreiser, Paul Laurence Dunbar, Charlotte Perkins Gilman, Emma Goldman, Ann Petry, and Ida B. Wells. This course will satisfy the geography requirement in American literature and the genre requirement in prose fiction/narrative. There are no prerequisites. **Application Instructions:** E-mail Instructor Emily Hainze (ehh2122@columbia.edu) with the subject heading "Women's Prison 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 admit them as approved.

Fall 2014: ENGL W3718

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3718	001/94265	Th 11:00am - 12:50pm 201d Philosophy Hall	Emily Hainze	4	6

ENGL W3733 Dewey to Obama: American Public Intellectuals. 4 points.

(Seminar). In his 1837 address to the Phi Beta Cappa Society, Ralph Waldo Emerson asserts that the American scholar is "one, who raises himself from private considerations, and breathes and lives on public and illustrious thoughts. He is the world's eye. He is the world's heart." One hundred and seventy six years later, what does it mean for an American woman or man to take on the role of a public intellectual, or to be cast as one? In particular how have public intellectuals taken on the role to tell us unpleasant or complex truths about ourselves? With the election of Barack Obama to the presidency in 2008, these questions acquired a renewed visibility and weight for Americans, who heard him offer his views on race in his speech "A More Perfect Union." In this course, we will consider how writers from many quarters of American life have extended and complicated Emerson's notion of the public intellectual. We will examine essays, speeches, open letters, and recordings by public intellectuals from the Progressive Era until the present. This course is organized to dramatize both the work of public intellectuals, and to engage with theories regarding the definition and roles of public intellectuals. In particular, we will consider how the essay as a genre adapted formally to the needs of changing publics. Course texts will include work by Randolph Bourne, E. B. White, James Baldwin, Martin Luther King, Jr., Susan Sontag, Edward Said, Cornell West, Barbara Ehrenreich, Rachel Carson, Andrew Sullivan, and Barack Obama. To help us to discuss key issues and themes, we will read short excerpts from cultural theorists on intellectual history such as John Dewey, Richard Posner, bell hooks, Richard Hofstadter, and Cornell West who have posed questions about the rights and responsibilities of the public intellectual inside and outside of academic contexts. **Application Instructions:** E-mail Professor Wallack (nw2108@columbia.edu) by April 11 with the subject heading, "Dewey to Obama 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 2014: ENGL W3733

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 3733	001/74895	T 11:00am - 12:50pm 511 Kent Hall	Nicole Wallack	4	9
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ENGL W3734 American Literature and Corporate Culture. 4 points.

Prerequisites: Permission of instructor.

(Seminar). "It is not expected of critics as it is of poets that they should help us to make sense of our lives; they are bound only to attempt the lesser feat of making sense of the ways we try to make sense of our lives." - Frank Kermode This seminar will focus on American literature during the rise of U.S. corporate power in the nineteenth and twentieth centuries. The legal and economic entity of the corporation established new social hierarchies and systems of power, changed the roles of government and families, and wrought new forms of relationships between individuals. American culture demonstrated both an enchantment with the possibilities of a growing economy and a looming anxiety about the systematization of personal relationships. Authors and critics grappled with an American society that seemed to offer unprecedented opportunity for social rise but only within a deeply threatening and impersonal structure. We'll examine the ways that literary and popular culture depicted corporations and the ways that corporate structure influenced literary aesthetics and form. **Application instructions:** E-mail Professor Aaron Ritzenberg (ajr2186@columbia.edu) by April 11 with the subject heading "American Literature and Corporate Culture 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 2014: ENGL W3734

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3734	001/76046	M 2:10pm - 4:00pm 201d Philosophy Hall	Aaron Ritzenberg	4	14

ENGL W3740 Toni Morrison. 4 points.

Prerequisites: Permission of the instructor.

(Seminar). **Application Instructions:** E-mail Professor Griffin (fjg8@columbia.edu) with the subject heading, "Toni Morrison 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 2014: ENGL W3740

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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ENGL 001/27065 W 12:10pm - 2:00pm Marcellus 4 14
3740 309 Hamilton Hall Blount

Spring 2015: ENGL W3740

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3740	001/64434	W 10:10am - 12:00pm 300 Union Theological Seminary	Farah Griffin	4	23/25

ENGL W3965 Food Writing. 4 points.

Prerequisites: Permission of the instructor.

(Seminar). **Application instructions:** E-mail Professor Adams (rea15@columbia.edu) by April 11 with the subject heading "Food Writing 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 2014: ENGL W3965

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3965	001/23742	W 2:10pm - 4:00pm 301m Fayerweather	Rachel Adams	4	14/25

ENGL W3967 Radical Poetries. 4 points.

Prerequisites: Permission of the instructor.

(Seminar). This class will look at major developments in experimental, innovative, and avant-garde poetry and poetics from 1950 to the present, paying attention to parallel developments in the visual arts. Surrealism, Constructivism, Black Mountain, Minimalism, Conceptualism, L=A=N=G=U=A=G=E, Flarf. **Application Instructions:** E-mail Professor Michael Golston (mg2242@columbia.edu) by April 11 with the subject heading "Radical Poetries 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 2014: ENGL W3967

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3967	001/63790	M 6:10pm - 8:00pm 507 Philosophy Hall	Michael Golston	4	13

ENGL W4602 Melville and others. 3 points.

(Lecture)

ENGL W4603 Realism/Naturalism: Urban Life and Literature. 3 points.

(Lecture). The course will provide a trans-atlantic comparative perspective on the emergent world of urban modernity and mass market capitalism, including the pleasures and perils of city life--department stores, prostitution, hotels, railway cars. In addition to some of the great American novelists after the Civil War--Henry James, Stephen Crane, Frank Norris, Theodore Dreiser, Edith Wharton--we will also read the great French novelist Emile Zola and Georg Simmel, the Berlin theorist of urban phenomenology.

Fall 2014: ENGL W4603

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4603	001/21431	M W 4:10pm - 5:25pm 304 Hamilton Hall	Ross Posnock	3	6/90

ENGL W4604 American Modernism. 3 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 (<http://www.columbia.edu/cu/english/syllabi/4604adams.htm>) (which will be somewhat revised).

Fall 2014: ENGL W4604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4604	001/29685	T Th 2:40pm - 3:55pm 407 Hamilton Hall	Rachel Adams	3	20

SPECIAL TOPICS

CLEN W4995 Special Topics in Modern Literature: Reading Lacan. 3 points.

(Seminar). (Tues 11am-12:50pm) Reading Lacan's Seminar XVII: The Other Side of Psychoanalysis with Freud's Group Psychology, Julio Cortázar's The Pursuer, Laclos's Liaisons dangereuses, Marguerite Duras, The Ravage of Lol Stein, etc., and focusing on: 1. libidinal bonds versus discourse and social bonds 2. the analytic subversion of the master discourse and the university discourse 3. the meaning of delusion, hysteria, and of what Lacan calls "the affective universe," "the field of

the signifier," and "the power of the impossible or the real," 4. the distinctions between psychoanalysis and psychology or why Lacan said "psychology is an error of perspective on the human being," and 5. how all of this relates to contemporary pathological life, and social, political, and capitalistic realities.

Fall 2014: CLEN W4995

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLEN 4995	001/05702	T 11:00am - 12:50pm 207 Milbank Hall	Maire Jaanus	3	5

ENGL W3840 Love Poetry. 4 points.

Prerequisites: Permission of instructor.

(Seminar). The aim of this course is to try to develop our own theories about the relation between poetry and erotic love, as each of these is understood and practiced. We will read a wide range of Western love poetry - especially lyric but also narrative - from antiquity to the present, though not necessarily in chronological order. These readings will be complemented by theoretical writings about love and by recent criticism of the major authors and genres we discuss.

Application instructions: Students wishing to apply for this seminar are asked to submit a two-page application. The first page should give basic information: your name and year and email; what related courses you have already taken; and a brief description of why you are interested in the course. The second page should offer a one-page (single space) close reading of a love poem of your choosing. Please also include a copy of the poem you discuss; this may be on a third page. Please submit the application to Prof. Gray either by email at eg2155@columbia.edu or in hard copy to his mailbox in 602 Philosophy by April 11, 2014

Fall 2014: ENGL W3840

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3840	001/10129	F 11:00am - 12:50pm 507 Philosophy Hall	Erik Gray	4	11

ENGL W3891 Introduction to Classical Rhetoric: The Ancients and Their Modern Echoes. 4 points.

Prerequisites: Permission of instructor.

(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 2014: ENGL W3891

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3891	001/72146	Th 4:10pm - 6:00pm 402 Hamilton Hall	Susan Mendelsohn	4	11

ENGL W3950 Satire and Sensibility. 4 points.

Prerequisites: Permission of the instructor.

(Seminar). British verse, novels, and critical prose from early and mid-18th century with a view to the satirical and the sentimental as related and complementary dispositions, variously nuanced in the elicitation of scorn and pathos, but reflecting in the main a tragicomic outlook of literary consequence. Our reading, then, of poetry and fiction - diversely savage, good-natured, hilarious, and exquisite in derision of vice and folly - shall run the gamut of satiric modalities, from invective to irony, which, bristling at the social frontiers of liberty and faith, wit and learning, commerce and luxury, sex and marriage, melancholy and imagination, also targets, and often with charming self-deprecation, the literary disposition itself. In that vein we shall examine aesthetic, religious, and philosophical perspectives that came to bear in the satirist's skillful tacking of blame and praise; likewise, we shall examine stylistic and formal innovations that emerged in adaptations of classical and biblical models to contemporary circumstances. Further, we shall observe, in some novels, an aspect of the satirical and the sentimental combined, which obtains not only in the rhetorical artistry and excess of characters' speeches, but in the way that lyric is incorporated into the fiction, and where characters themselves compose, recite, or criticize poetry. Critical and philosophical writings of the period include, among others, essays by Dryden, Shaftesbury, and Addison. Verse genres include ode, epistle, georgic, elegy, hybrids and mock emulations: Finch, Swift, Pope, Gay, Montagu, Gray, Goldsmith, and others. Our novels and fictional prose include Swift's *Gulliver's Travels*, Fielding's *Tom Jones*, Johnson's *Rasselas*, Goldsmith's *Vicar of Wakefield*, and Sterne's *Tristram Shandy*. **Application Instructions:** E-mail Professor Marianne Giordani (mg2644@columbia.edu) with the subject heading "Satire and Sensibility 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 2014: ENGL W3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3950	001/19992	W 6:10pm - 8:00pm 201d Philosophy Hall	Marianne Giordani	4	16/25

Spring 2015: ENGL W3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 3950	001/62396	W 6:10pm - 8:00pm 201d Philosophy Hall	Marianne Giordani	4	11/14

ENGL W4911 Code and Poetry: Critical Practices in Humanities Computing. 3 points.

(Lecture). For many, even those with a technical education, computing remains an unreflective activity. Machines do things *for* us: they "process" words, "manage" content, and "serve" web pages. These agents, located at the core of human-computer interaction, shape our understanding of each other and of the world in significant ways, and yet they remain opaque, obscured within the black boxes of restricted access and proprietary software. The goal of this class is to bring our everyday encounter with technology into the light, to peel back the lid, and to take control. We will do this first by exploring the foundational concepts invoked in the discussion about new media; noise and information, data and metadata, artificial and natural languages, digital and analog media. Second, we will build on these theoretical foundations to gain a measure of computational proficiency, learning about the basics of algorithmic thinking, computer architecture, internet infrastructure, file and operating systems, communication protocols, web standards, and cryptography. Finally, we will contextualize our practice historically. The course will connect core concepts in computer science to long-standing problems posed by philosophy, literary theory, and social thought.

Fall 2014: ENGL W4911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4911	001/63291	M W 11:40am - 12:55pm 520 Mathematics Building	Dennis Tenen	3	19

ENGL W4011 Introduction to Scholarly Editing. 4 points.

(Seminar). Each student will choose his or her own editorial project (in the very broadest sense), which can be in any field, and will get feedback from everyone else and their projects.

Application Instructions: E-mail Professor David Yerkes (dmy1@columbia.edu) by April 11 with the subject heading

"Scholarly Editing 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.

ENGL W4901 History of the English Language. 3 points.

(Lecture). A survey of the history of the English language from before Old English to 21st Century Modern English, with no background in linguistics required. Grammar, dialectal variety, and social history will be covered to roughly equal extents. Requirements include three examinations, one of them an extended take-home exercise. Lecture format with some discussion depending on the topic.

Fall 2014: ENGL W4901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4901	001/66511	T Th 1:10pm - 2:25pm 517 Hamilton Hall	John McWhorter	3	51

ENGL W4917 Literatures of Disability. 3 points.

(Lecture).

Fall 2014: ENGL W4917

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 4917	001/04201	M W 10:10am - 11:25am 405 Barnard Hall	Christopher Baswell	3	9

ENTA W3785 Studies in Drama: Modern Drama and the Culture of Performance. 4 points.

Prerequisites: Instructor's permission (Seminar). "All the world's a stage" according to Shakespeare, but also according to twentieth century philosophers, sociologists, cultural critics, media theorists, and even corporate executives, who have frequently turned to theater and performance as resonant metaphors for modern culture. These metaphors have come to pervade the way we describe our lives: we "perform" workplace tasks and social "roles;" we describe ourselves as "drama queens", "players", "or just "acting out"; we "stage" ourselves daily on social media for intimate friends and strangers alike, who follow our doings like an audience of fans. But how useful or accurate is this language for describing the world we inhabit? And what distinguishes theater and drama as art forms if life itself has now become a performance? To answer these questions, we will consult some of the most influential theories of theatricality and performance as a condition of modern life. We will also read modern and post-modern drama on the same theme by playwrights such as Pirandello, Beckett, Brecht, Albee, and Parks. **Application Instructions:** E-mail Professor Biers (klb2134@columbia.edu) with the subject

heading "Drama 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 2014: ENTA W3785

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3785	001/77034 F	6:10pm - 8:00pm 402 Hamilton Hall	Jonathan Robinson-Appels	4	42/50

Spring 2015: ENTA W3785

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3785	001/61145 Th	2:10pm - 4:00pm 707 Hamilton Hall	Katherine Biers	4	9/25

ENTA W3701 Drama, Theatre, Theory. 4 points.

Prerequisites: Permission of the instructor. (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, Castelvetto, Craig, Genet, Grotowski, Ibsen, Littlewood, Marlowe, Parks, Schechner, Shakespeare, Sowerby, Weiss, and Zeami. **Application Instructions:** E-mail Professor Austin Quigley (aeq1@columbia.edu) by April 11 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 2014: ENTA W3701

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3701	001/70874 W	4:10pm - 6:00pm 401 Hamilton Hall	Austin Quigley	4	13/25

ENTA W3338 Playing Shakespeare: Text, Film, Performance. 4 points.

Prerequisites: Permission of the instructor. (Seminar). A Midsummer Night's Dream via Max Reinhardt, Michael Hoffman, and the Titan Theatre Company. Macbeth

via Orson Welles, Akira Kurosawa, and Punchdrunk. The Tempest via Derek Jarman, Peter Greenaway, and La MaMa. The premise of this course is that the textual interpretation of Shakespeare's plays is inseparable from performance interpretation, and that both are deepened by an understanding of literary and performance history and theory. Focusing on three plays whose performance history is particularly rich, we'll develop tools for the close reading of action, space, gesture, expression, scene, image etc., as well as the language of film, and learn to see how close reading of the text, alongside an understanding of performance history, can open up new interpretive possibilities for performance and film. Discussion supplemented by workshop-type exercises (adaptation, scenographic design, staging scenes, etc.) Please attend the first session (only those who attend the first session will be admitted to the seminar); the final seminar list will be determined after the first session.

Fall 2014: ENTA W3338

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ENTA 3338	001/66098 Th	12:10pm - 2:00pm 301m Fayerweather	Julie Peters	4	15

AMST W3930 (Section 5) Topics in American Studies: Salinger, Lowell, McCullers: Freaks & Aesthetes in 1950s Families. 4 points.

Attend first class for instructor permission.

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.

Fall 2014: AMST W3930 (Section 5)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMST 3930	005/92068 Th	2:10pm - 4:00pm 317 Hamilton Hall	Ross Posnock	4	20/18

UNIVERSITY WRITING

ENGL C1010 University Writing. 3 points.

University Writing is designed to help undergraduates read and write essays in order to participate in the academic conversations that form Columbia's intellectual community. The course gives special attention to the practices of close reading, rhetorical analysis, research, collaboration, and substantive revision. By writing multiple drafts of essays

typically ranging from three to ten pages, students will learn that writing is a process of forming and refining their ideas and their prose. Rather than approaching writing as an innate talent, the course teaches writing as a unique skill that can be practiced and developed.

Fall 2014: ENGL C1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	002/88005	M W 8:40am - 9:55am 412 Pupin Laboratories	Rosa Schneider	3	14/14
ENGL 1010	003/12191	M W 8:40am - 9:55am 411 Hamilton Hall	Hannah Rogers	3	14/14
ENGL 1010	004/11030	M W 8:40am - 9:55am 616 Hamilton Hall	Sarah Arkebauer	3	14/14
ENGL 1010	006/23321	M W 10:10am - 11:25am 201b Philosophy Hall	Gabriel Bloomfield	3	14/14
ENGL 1010	007/64692	M W 10:10am - 11:25am 511 Hamilton Hall	Gregory Pardlo	3	14/14
ENGL 1010	010/60797	M W 11:40am - 12:55pm 315 Hamilton Hall	Christina Iglesias	3	14/14
ENGL 1010	013/61846	M W 1:10pm - 2:25pm 313 Pupin Laboratories	Shannon Jilek	3	14/14
ENGL 1010	014/62196	M W 1:10pm - 2:25pm 407 Hamilton Hall	Samuel Mitchell	3	14/14
ENGL 1010	016/63146	M W 2:40pm - 3:55pm 318 Hamilton Hall	Brian Bartell	3	14/14
ENGL 1010	017/66548	M W 2:40pm - 3:55pm 411 Hamilton Hall	Sabrina Alli	3	14/14
ENGL 1010	018/66996	M W 2:40pm - 3:55pm 616 Hamilton Hall	Alexandra Watson	3	14/14
ENGL 1010	021/67996	M W 4:10pm - 5:25pm 201b Philosophy Hall	Benjamin VanWagoner	3	14/14
ENGL 1010	022/68247	M W 4:10pm - 5:25pm 408a Philosophy Hall	Eric Kim	3	14/14
ENGL 1010	024/70946	M W 5:40pm - 6:55pm 507 Hamilton Hall	Valerio Amoretti	3	14/14
ENGL 1010	025/71346	M W 5:40pm - 6:55pm 407 Hamilton Hall	Kristin Slaney	3	13/14
ENGL 1010	026/71647	M W 5:40pm - 6:55pm 313 Hamilton Hall	Samantha Miller	3	13/14
ENGL 1010	027/71897	M W 5:40pm - 6:55pm 316 Hamilton Hall	Leah Zander	3	13/14
ENGL 1010	030/28196	T Th 8:40am - 9:55am 616 Hamilton Hall	Amber Medland	3	14/14
ENGL 1010	031/28646	T Th 8:40am - 9:55am 313 Hamilton Hall	Campbell Birch	3	14/14
ENGL 1010	034/28530	T Th 10:10am - 11:25am 408a Philosophy Hall	Alexander Lash	3	14/14
ENGL 1010	037/63007	T Th 11:40am - 12:55pm 412 Pupin Laboratories	Michael West	3	13/14
ENGL 1010	040/65942	T Th 1:10pm - 2:25pm 307 Mathematics Building	Jordan Kisner	3	14/14
ENGL 1010	041/24691	T Th 1:10pm - 2:25pm 425 Pupin Laboratories	Emily Madison	3	14/14
ENGL 1010	044/88006	T Th 2:40pm - 3:55pm 201b Philosophy Hall	Emma Crandall	3	12/14
ENGL 1010	045/29568	T Th 2:40pm - 3:55pm 509 Hamilton Hall	Amir Fainaru	3	14/14
ENGL 1010	047/67196	T Th 4:10pm - 5:25pm 502 Northwest Corner	Abigail Rabinowitz	3	14/14

ENGL 1010	048/60530	T Th 4:10pm - 5:25pm 313 Pupin Laboratories	Samantha Schnell	3	13/14
ENGL 1010	049/61529	T Th 4:10pm - 5:25pm 222 Pupin Laboratories	Eugene Petracca	3	14/14
ENGL 1010	052/80779	T Th 5:40pm - 6:55pm 222 Pupin Laboratories	Rachel Schwerin	3	10/14
ENGL 1010	053/81529	T Th 5:40pm - 6:55pm 313 Pupin Laboratories	Chin-chi Wang	3	14/14
ENGL 1010	054/85529	T Th 5:40pm - 6:55pm 408a Philosophy Hall	Kristen Martin	3	13/14

Spring 2015: ENGL C1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	002/28696	M W 8:40am - 9:55am 201b Philosophy Hall	Rosa Schneider	3	13/14
ENGL 1010	003/23326	M W 8:40am - 9:55am 408a Philosophy Hall	Christina Iglesias	3	14/14
ENGL 1010	004/63013	M W 8:40am - 9:55am 607 Hamilton Hall	Hannah Rogers	3	14/14
ENGL 1010	007/28448	M W 10:10am - 11:25am 201b Philosophy Hall	Amber Medland	3	14/14
ENGL 1010	010/87031	M W 11:40am - 12:55pm 201b Philosophy Hall	Samuel Mitchell	3	14/14
ENGL 1010	012/21248	M W 1:10pm - 2:25pm 408a Philosophy Hall	Amir Fainaru	3	13/14
ENGL 1010	013/23450	M W 1:10pm - 2:25pm 307 Mathematics Building	Julia Drake	3	13/14
ENGL 1010	014/27096	M W 1:10pm - 2:25pm 407 Hamilton Hall	Chin-chi Wang	3	14/14
ENGL 1010	015/25514	M W 2:40pm - 3:55pm 201b Philosophy Hall	Simon Porzak	3	13/14
ENGL 1010	017/76096	M W 2:40pm - 3:55pm 408a Philosophy Hall	Rachel Schwerin	3	14/14
ENGL 1010	018/77796	M W 2:40pm - 3:55pm 318 Hamilton Hall	Samantha Schnell	3	13/14
ENGL 1010	020/92996	M W 4:10pm - 5:25pm 201b Philosophy Hall	Christopher Williams	3	14/14
ENGL 1010	021/96397	M W 4:10pm - 5:25pm 408a Philosophy Hall	Eric Kim	3	14/14
ENGL 1010	022/97499	M W 4:10pm - 5:25pm 307 Mathematics Building	Leah Zander	3	14/14
ENGL 1010	025/15847	M W 5:40pm - 6:55pm 201b Philosophy Hall	Justin Snider	3	14/14
ENGL 1010	026/18551	M W 5:40pm - 6:55pm 408a Philosophy Hall	Sabrina Alli	3	14/14
ENGL 1010	027/21999	M W 5:40pm - 6:55pm 313 Hamilton Hall	Alexandra Watson	3	13/14
ENGL 1010	028/25780	T Th 8:40am - 9:55am 201b Philosophy Hall	Campbell Birch	3	14/14
ENGL 1010	029/63014	T Th 8:40am - 9:55am 408a Philosophy Hall	Sarah Arkebauer	3	13/14
ENGL 1010	031/64029	T Th 8:40am - 9:55am 318 Hamilton Hall	Shannon Jilek	3	14/14
ENGL 1010	034/67002	T Th 10:10am - 11:25am 201b Philosophy Hall	Alexander Lash	3	14/14
ENGL 1010	035/88697	T Th 11:40am - 12:55pm 201b Philosophy Hall	Tana Wojczuk	3	14/14
ENGL 1010	037/25532	T Th 11:40am - 12:55pm 502 Northwest Corner	Eliza Schrader	3	14/14
ENGL 1010	040/21597	T Th 1:10pm - 2:25pm 408a Philosophy Hall	Michael West	3	14/14

ENGL 1010	041/82046	T Th 1:10pm - 2:25pm	Gabriel Bloomfield	3	14/14
ENGL 1010	043/23327	T Th 2:40pm - 3:55pm	Jordan Kisner	3	14/14
ENGL 1010	044/63532	T Th 2:40pm - 3:55pm	Samantha Miller	3	14/14
ENGL 1010	045/61597	T Th 2:40pm - 3:55pm	Brian Bartell	3	14/14
ENGL 1010	048/18348	T Th 4:10pm - 5:25pm	Kristen Martin	3	14/14
ENGL 1010	049/21598	T Th 4:10pm - 5:25pm	Caitlin Rimshnick	3	14/14
ENGL 1010	051/27532	T Th 5:40pm - 6:55pm	Kristin Slaney	3	12/14
ENGL 1010	052/29579	T Th 5:40pm - 6:55pm	Valerio Amoretti	3	12/14
ENGL 1010	053/28449	T Th 5:40pm - 6:55pm	Eugene Petracca	3	11/14
ENGL 1010	054/64280	T Th 5:40pm - 6:55pm	Kathleen Ross	3	11/14

ENGL C1011 University Writing: Readings in American Studies. *3 points.*

Fall 2014: ENGL C1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1011	001/25961	M W 8:40am - 9:55am	Valeria Tsygankova	3	14/14
ENGL 1011	002/24703	M W 1:10pm - 2:25pm	Tana Wojczuk	3	14/14
ENGL 1011	003/66648	T Th 8:40am - 9:55am	Craig Gurian	3	13/14
ENGL 1011	004/72798	T Th 10:10am - 11:25am	Elina Mishuris	3	14/14

Spring 2015: ENGL C1011

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1011	001/61046	M W 10:10am - 11:25am	Valeria Tsygankova	3	14/14
ENGL 1011	002/92247	M W 11:40am - 12:55pm	Elina Mishuris	3	13/14
ENGL 1011	003/79692	T Th 10:10am - 11:25am	Naima Coster	3	14/14
ENGL 1011	004/82498	M W 5:40pm - 6:55pm	Benjamin Barasch	3	13/14

ENGL C1012 University Writing: Readings in Gender and Sexuality. *3 points.*

Fall 2014: ENGL C1012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1012	001/61648	M W 4:10pm - 5:25pm	Ronna Popkin	3	14/14
ENGL 1012	002/62947	M W 5:40pm - 6:55pm	Trevor Corson	3	14/14
ENGL 1012	003/71400	T Th 10:10am - 11:25am	Victoria Wiet	3	14/14

ENGL 1012	004/96849	T Th 1:10pm - 2:25pm	Glenn Gordon	3	14/14
ENGL 1012	005/85283	T Th 2:40pm - 3:55pm	Susan Hanrahan	3	14/14

Spring 2015: ENGL C1012

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1012	002/77280	M W 5:40pm - 6:55pm	Trevor Corson	3	12/14
ENGL 1012	003/85279	T Th 1:10pm - 2:25pm	Ronna Popkin	3	14/14
ENGL 1012	004/86048	T Th 4:10pm - 5:25pm	Emma Crandall	3	14/14

ENGL C1013 University Writing: Readings in Sustainable Development. *3 points.*

Fall 2014: ENGL C1013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1013	001/84692	M W 11:40am - 12:55pm	Joseph Cross	3	14/14
ENGL 1013	002/68002	T Th 8:40am - 9:55am	Adam Winters	3	13/14
ENGL 1013	003/17150	T Th 5:40pm - 6:55pm	Jaime Green	3	14/14

Spring 2015: ENGL C1013

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1013	001/11846	M W 8:40am - 9:55am	Joseph Cross	3	13/14
ENGL 1013	002/64696	T Th 10:10am - 11:25am	Adam Winters	3	14/14
ENGL 1013	003/28783	T Th 2:40pm - 3:55pm	Abigail Rabinowitz	3	14/14

ENGL C1014 University Writing: Readings in Human Rights. *3 points.*

Fall 2014: ENGL C1014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1014	001/61298	M W 10:10am - 11:25am	Nina Sharma	3	14/14
ENGL 1014	002/12783	M W 1:10pm - 2:25pm	Rebecca Strauss	3	14/14
ENGL 1014	003/81776	M W 4:10pm - 5:25pm	Andrea Crow	3	13/14
ENGL 1014	004/77700	T Th 11:40am - 12:55pm	Meredith Shepard	3	14/14
ENGL 1014	005/12299	T Th 4:10pm - 5:25pm	Seth Williams	3	14/14

Spring 2015: ENGL C1014

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1014	001/60908	M W 11:40am - 12:55pm	Meredith Shepard	3	13/14

ENGL 1014	002/14697	M W 1:10pm - 2:25pm	Andrea Crow	3	14/14
		502 Northwest Corner			
ENGL 1014	003/93247	T Th 11:40am - 12:55pm	Rebecca Strauss	3	14/14
		408a Philosophy Hall			
ENGL 1014	004/60942	T Th 5:40pm - 6:55pm	Nina Sharma	3	14/14
		652 Schermerhorn Hall			

ENGL C1015 University Writing: Readings in Data Sciences and Engineering. *3 points.*

Fall 2014: ENGL C1015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1015	001/82597	M W 2:40pm - 3:55pm	Simon Porzak	3	14/14
		502 Northwest Corner			
ENGL 1015	002/83298	T Th 1:10pm - 2:25pm	Catherine Kirch	3	13/14
		652 Schermerhorn Hall			
ENGL 1015	003/87950	T Th 2:40pm - 3:55pm	Aled Roberts	3	14/14
		652 Schermerhorn Hall			

Spring 2015: ENGL C1015

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1015	001/12192	M W 2:40pm - 3:55pm	Aled Roberts	3	14/14
		424 Pupin Laboratories			
ENGL 1015	002/68497	T Th 1:10pm - 2:25pm	Catherine Kirch	3	14/14
		315 Hamilton Hall			

ENGL C1020 University Writing: for International Students. *3 points.*

Fall 2014: ENGL C1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1020	001/23336	M W 11:40am - 12:55pm	Sneha Desai	3	14/14
		201b Philosophy Hall			
ENGL 1020	002/81096	T Th 11:40am - 12:55pm	Atefeh Akbari Shahmirzadi	3	13/14
		201b Philosophy Hall			
ENGL 1020	003/13698	T Th 5:40pm - 6:55pm	Ngara N'Diaye	3	12/14
		201b Philosophy Hall			

Spring 2015: ENGL C1020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1020	001/81648	M W 4:10pm - 5:25pm	Christopher Edling	3	14/14
		114 Knox Hall			
ENGL 1020	002/81759	T Th 4:10pm - 5:25pm	Ngara N'Diaye	3	14/14
		652 Schermerhorn Hall			

ENGL F1010 University Writing. *3 points.*

Prerequisites: Non-native English speakers must reach level 10 in the American Language Program prior to registering for English F1010.

University Writing, required of all GS students in their first semester, facilitates students' entry into the intellectual life of the University by helping them to become more capable and independent academic readers and writers. With its small section size and emphases on critical analysis, revision

and the writing process, collaboration, and research, the course provides an occasion for students to develop academic habits and skills important to their success in future courses. In planning their first semesters of study at Columbia, GS students should start by choosing the section of English F1010 - University Writing that best fits their schedules

Fall 2014: ENGL F1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	002/11531	T Th 8:40am - 9:55am	Rachel Dunn	3	14/14
		609 Hamilton Hall			
ENGL 1010	003/13532	M W 10:10am - 11:25am	Emma O'Loughlin	3	14/14
		408a Philosophy Hall			
ENGL 1010	005/27280	T Th 10:10am - 11:25am	Elizabeth Metzger	3	11/14
		201b Philosophy Hall			
ENGL 1010	006/28779	M W 11:40am - 12:55pm	Tana Wojczuk	3	13/14
		652 Schermerhorn Hall			
ENGL 1010	007/23322	M W 11:40am - 12:55pm	Caitlin Rimshnick	3	14/14
		325 Pupin Laboratories			
ENGL 1010	009/60820	M W 1:10pm - 2:25pm	Simon Porzak	3	13/14
		502 Northwest Corner			
ENGL 1010	010/88007	T Th 1:10pm - 2:25pm	Erica Richardson	3	14/14
		412 Pupin Laboratories			
ENGL 1010	011/60821	M W 2:40pm - 3:55pm	Rebecca Strauss	3	13/14
		201b Philosophy Hall			
ENGL 1010	013/62279	M W 4:10pm - 5:25pm	Sarah Thomas	3	14/14
		224 Pupin Laboratories			
ENGL 1010	015/62046	M W 5:40pm - 6:55pm	Justin Snider	3	14/14
		408a Philosophy Hall			
ENGL 1010	016/62546	T Th 5:40pm - 6:55pm	Miranda Pennington	3	13/14
		307 Pupin Laboratories			
ENGL 1010	019/63697	M W 7:10pm - 8:25pm	Kathleen Ross	3	13/14
		408a Philosophy Hall			
ENGL 1010	020/65997	T Th 7:10pm - 8:25pm	Harald Sundt	3	13/14
		201b Philosophy Hall			
ENGL 1010	021/66346	T Th 1:10pm - 2:25pm	Elliot Ross	3	10/14
		408a Philosophy Hall			
ENGL 1010	022/61649	M W 1:10pm - 2:25pm	John Kuhn	3	14/14
		408a Philosophy Hall			
ENGL 1010	023/69282	M W 8:40am - 9:55am	Margie Rosebrock	3	13/14
		607 Hamilton Hall			
ENGL 1010	024/19702	M W 1:10pm - 2:25pm	Matthew Margini	3	13/14
		103 Knox Hall			
ENGL 1010	025/92094	T Th 6:10pm - 7:25pm	Matthew Main	3	14/14
		407 Hamilton Hall			
ENGL 1010	026/93654	M W 6:10pm - 7:25pm	Alexandra Watson	3	10/14
		413 Hamilton Hall			

Spring 2015: ENGL F1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	001/17597	M W 8:40am - 9:55am	Benjamin VanWagoner	3	14/14
		307 Mathematics Building			
ENGL 1010	002/21196	T Th 8:40am - 9:55am	Candace Cunard	3	11/14
		652 Schermerhorn Hall			
ENGL 1010	003/23650	M W 10:10am - 11:25am	Gregory Pardlo	3	14/14
		408a Philosophy Hall			
ENGL 1010	004/26747	T Th 10:10am - 11:25am	Matthew Margini	3	14/14
		408a Philosophy Hall			

ENGL 1010	006/87781 M W 11:40am - 12:55pm 408a Philosophy Hall	Erica Richardson	3	13/14
ENGL 1010	007/95944 T Th 11:40am - 12:55pm 318 Hamilton Hall	Elliot Ross	3	13/14
ENGL 1010	011/21048 M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Sarah Thomas	3	14/14
ENGL 1010	013/71997 T Th 1:10pm - 2:25pm 607 Hamilton Hall	Emily Madison	3	14/14
ENGL 1010	016/67055 M W 4:10pm - 5:25pm 502 Northwest Corner	Joshua Swidzinski	3	14/14
ENGL 1010	017/76048 T Th 4:10pm - 5:25pm 408a Philosophy Hall	Abigail Rabinowitz	3	13/14
ENGL 1010	019/85532 M W 5:40pm - 6:55pm 315 Hamilton Hall	Matthew Main	3	14/14
ENGL 1010	021/11898 T Th 5:40pm - 6:55pm 201b Philosophy Hall	Emma Crandall	3	14/14
ENGL 1010	024/82997 T Th 7:10pm - 8:25pm 201b Philosophy Hall	Sara Novic	3	12/14

ETHNICITY AND RACE STUDIES

Center for the Study of Ethnicity and Race: 423 Hamilton; 212-854-0507
<http://www.columbia.edu/cu/cser/>

Interim Program Director: Prof. Audra Simpson;
 as3575@columbia.edu

Program Director: Prof. Frances Negrón-Muntaner (on leave academic year 2014-15), 422 Hamilton; 212-854-0507;
 fn2103@columbia.edu

Director of Undergraduate Studies: Prof. John Gamber, 416 Hamilton; 212-854-2058; jbg2134@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 advance its mission, the Center organizes conferences, seminars, exhibits, film screenings, and lectures that bring together faculty, undergraduate 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

The ethnicity and race studies major encompasses 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

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, Latinos, or Native Americans; 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 a student 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 highly 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, travel abroad can enrich every student's intellectual experience by providing an opportunity to learn about other perspectives on ethnicity and race.

In the past, students have 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 in what may be exciting programs for their areas.

DEPARTMENTAL HONORS

CSER majors may choose to write and/or produce an honors project. 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 W3990 Senior Project Seminar. Senior projects are due in early April.

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. Normally no more than 10% of graduating majors each year receive departmental honors.

FACULTY

EXECUTIVE COMMITTEE

- Catherine Fennel (Anthropology)
- John Gamber (English and Comparative Literature)
- Karl Jacoby (History)
- Claudio Lomnitz (Anthropology)
- Frances Negrón-Muntaner (English and Comparative Literature)
- Mae Ngai (History)
- Ana Maria Ochoa (Ethnomusicology)
- Gary Okihiro (School of International and Public Affairs)
- Gray Tuttle (East Asian Languages and Cultures)
- Christopher Washburne (Ethnomusicology)

AFFILIATED FACULTY

- Rachel Adams (English and Comparative Literature)
- Nadia Abu El-Haj (Anthropology, Barnard)
- Carlos Alonso (Latin American and Iberian Cultures)
- Janaki Bakhle (History)
- Christina Burnett (Law School)
- Kevin Fellezs (Music)
- Kaiama L. Glover (French, Barnard)
- Steven Gregory (Anthropology)
- Evan Haefeli (History)
- Kim Hall (English, Barnard)
- Marianne Hirsch (English and Comparative Literature)
- Maya Horn (History, Barnard)
- Jean Howard (English and Comparative Literature)
- Elizabeth Hutchinson (Art History, Barnard)
- Clara Irrazabal (Architecture, Planning and Preservation)
- Ira Katznelson (Political Science)
- George Lewis (Music)
- Natasha Lightfoot (History)
- Jose Moya (History, Barnard)
- Celia Naylor (History, Barnard)
- Greg Pflugfelder (East Asian Languages and Cultures)
- Pablo Piccato (History)
- Caterina Pizzigoni (History)

- Elizabeth A. Povinelli (Anthropology)
- Bruce Robbins (English and Comparative Literature)
- Samuel Roberts (History)
- Joseph Slaughter (English and Comparative Literature)
- Audra Simpson (Anthropology)
- Dennis Tenen (English and Comparative Literature)

REQUIREMENTS

MAJOR IN ETHNICITY AND RACE STUDIES

The major in ethnicity and race studies consists of a minimum of 27 points. Students take three core courses and write a senior research project. Following the core courses, students take a minimum of four elective courses, one of which must be a seminar:

Core Courses

CSER W1040 Critical Approaches to the Study of Ethnicity and Race
or CSER W1010 Introduction to Comparative Ethnic Studies

CSER W3928 Colonization/Decolonization

CSER W3919 Modes of Inquiry

Specialization

Students must complete at least four courses, in consultation with their major adviser, in one of the following areas of specialization:

Asian American studies

Comparative ethnic studies

Latino/a studies

Native American/Indigenous studies

Individualized courses of study

Senior Research Project

CSER W3990 Senior Project Seminar

The final requirement for the major is completion of a Senior Essay, to be written in the spring of the senior year. All CSER seniors are expected to present their paper at the annual undergraduate symposium in April. Students may fulfill this requirement in one of the following two ways:

One, by matriculating in the Senior Thesis course and writing the thesis under the supervision of the course faculty.

Two, 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 September 19, 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 concentration in ethnicity and race studies requires a minimum of 19 points. Students take two core courses and four elective courses, one of which must be a seminar:

Core Courses

CSER W1040 Critical Approaches to the Study of Ethnicity and Race
or CSER Introduction to Comparative Ethnic Studies W1010

CSER W3928 Colonization/Decolonization

Specialization

Students must complete at least four courses, in consultation with their major adviser, in one of the following areas of specialization:

Asian American studies

Comparative ethnic studies

Latino/a studies

Native American/Indigenous studies

Individualized courses of study

COURSES

FALL 2014

CSER W3490 Post 9/11 Immigration Policies. 4 points.
Enrollment limited to 22.

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 2014: CSER W3490

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3490	001/25746	Th 11:00am - 12:50pm 420 Hamilton Hall	Elizabeth OuYang	4	20/22

CSER W3922 Asian American Cinema. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
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 2014: CSER W3922

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3922	001/74773	Th 6:10pm - 8:00pm 420 Hamilton Hall	Eric Gamalinda	4	23/22

CSER W3924 Latin American and Latina/o Social Movements. 4 points.

In Latin America, a wave of new popular social movements have been transforming politics and social reality. In the United States, latino/as are building on decades of organizing and demographic growth to claim a new public persona and challenge their marginal status. What are the significant areas of political action, and how can we understand them? What claims can those disenfranchised for reasons of race, class, or national origin make on societies? Indigenous survival movements in Brazil, multi-ethnic electoral alliances in Bolivia, growing Afro-Colombian assertion, Dominican community organizing in New York City, and poetic post-marxist guerrillas in Mexico are just a few of the new forms of social activism that are transforming class, ethnic identity, and citizenship throughout the Americas, and combating the dominance of free-market social and economic policies. We will discuss a number of important social movements throughout the region, while developing tools for understanding social movements and their possibilities. This class is designed to give you an opportunity to do independent research; as a result, it will demand your intensive engagement, and your willingness both to master the information and tools

we go over in class, and to pursue a specific topic of your own choosing. Students will all write a term paper based on independent research.

Fall 2014: CSER W3924

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3924	001/69921	T 11:00am - 12:50pm 420 Hamilton Hall	Stuart Rockefeller	4	12/22

CSER W3919 Modes of Inquiry. 4 points.

Lab Required

Corequisites: students must register for Lab Session, which takes place on Mondays 2:10-3:10pm (meets five times a semester).

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 2014: CSER W3919

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3919	001/71377	W 2:10pm - 4:00pm 420 Hamilton Hall	Catherine Fennell	4	18/16

CSER W3921 Modes of Inquiry-Lab. 0 points.

Corequisites: Modes of Inquiry (CSER W3919)
This lab session meets 5 times a semester, for an hour.

Fall 2014: CSER W3921

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3921	001/14532	M 2:10pm - 4:00pm 402b International Affairs Bldg	Kin-Yee Ian Shin	0	14

CSER W3926 Latin Music and Identity. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

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 music's 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 music's political economy, and investigating the story it tells about migration and globalization.

Fall 2014: CSER W3926

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3926	001/77246	T 2:10pm - 4:00pm 420 Hamilton Hall	Edward Morales	4	20/22

CSER W3905 Asian Americans and the Psychology of Race. 4 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.

Fall 2014: CSER W3905

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3905	001/27328	W 11:00am - 12:50pm 420 Hamilton Hall	Shinhee Han	4	18/22

ANTH V3120 Historical Rituals in Latin America. 3 points.

Enrollment limited to 60.

Prerequisites: undergraduate majors.

Anthropologists and historians of literacy and communication have emphasized the reliance on multivocal imagery in the organization of social and political life in Latin America. Historically, the salient role of image and of ritual in political ritual was fed by the chasm between literate and illiterate segments of the population. During the twentieth century, however, the rise of mass politics on one hand, and television and other visual media on the other, gave a new lease on the vibrant relevance of historical ritual and myth in local political life. This course explores the role of religious and secular ritual and myth in framing historical processes. It makes special emphasis on the use of Catholic ritual, imagery, and

mythology in the European conquest and colonization of the continent; and in revolution, nationbuilding, civic life, and sexual politics, since the 19th century.

Fall 2014: ANTH V3120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3120	001/15375	T Th 10:10am - 11:25am 707 Hamilton Hall	Claudio Lomnitz	3	3/60

ANTH V3821 Native America (formerly V3090). 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Enrollment limited to 40.

This is an undergraduate seminar that takes up primary and secondary sources and reflections to: a) provide students with an historical overview of Native American issues and representational practices, b) provide students with an understanding of the ways in which land expropriation and concomitant military and legal struggle have formed the core of Native-State relations and are themselves central to American and Native American history and culture, and c) provide students with an understanding of Native representational practices, political subjectivity, and aspiration.

Fall 2014: ANTH V3821

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ANTH 3821	001/68567	T 2:10pm - 4:00pm 603 Hamilton Hall	Audra Simpson	4	32/40

EEEE W4321 Human Identity. 4 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 2014: EEEB W4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 4321	001/11920	W 2:10pm - 4:00pm 507 Philosophy Hall	Robert Pollack, Marya Pollack	4	12

Spring 2015: EEEB W4321

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EEEE 4321	001/21331	W 2:10pm - 4:00pm 311 Fayerweather	Robert Pollack, Marya Pollack	4	20

SPRING 2015

CSER W1601 Introduction to Latino/a Studies. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, SIPA: United States
Enrollment limited to 101.

This course provides an introductory, interdisciplinary discussion of the major issues surrounding this nation's 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.

CSER W3701 US Latina/o Cultural Production. 4 points.

Enrollment limited to 22.

The course will investigate the possibility that hybrid constructions of identity among Latinos in the U.S. are the principal driving force behind the cultural production of Latinos in literature and film. There will be readings on the linguistic implications of "Spanglish" and the construction of Latino racial identity, followed by examples of literature, film, music, and other cultural production that provide evidence for bilingual/bicultural identity as a form of adaptation to the U.S. Examples will be drawn from different Latino ethnicities from the Caribbean, Mexico, and the rest of Latin America.

Spring 2015: CSER W3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3701	001/29182	T 2:10pm - 4:00pm 420 Hamilton Hall	Edward Morales	4	18/22

CSER W3963 Native American Economic Development. 0 points.

While casinos have pulled a number of small tribes out of poverty, the vast majority of Indians living on reservations continue to live at a level of poverty that is the equivalent of that found in third-world countries or worse. For example, the life expectancy of a male on the Pine Ridge Reservation is lower than that of a male in most African countries. The course will explore the various approaches Indian tribes have or could take to promote the economies on their reservation, seeking to determine what elements produce a successful outcome. Areas to be explored include the role of tribal governments in economic development, land as an economic

asset, gaming, energy and minerals development, finance, labor, individual entrepreneurship, and the opportunity for multi-tribal companies. The course will begin with a review of basic theories of economic development and an exploration of lessons learned from economic development in underdeveloped nations.

Spring 2015: CSER W3963

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3963	001/68722	Th 2:10pm - 4:00pm 420 Hamilton Hall	Daniel Press	0	12

CSER W3990 Senior Project Seminar. *4 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 2015: CSER W3990

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3990	001/72622	T 4:10pm - 6:00pm 420 Hamilton Hall	Kin-Yee Ian Shin	4	10/22

CSER W3940 Comparative Study of Constitutional Challenges Affecting African, Latino, and Asian American Communities. *4 points.*

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I).

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 2015: CSER W3940

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3940	001/72964	Th 11:00am - 12:50pm 420 Hamilton Hall	Elizabeth OuYang	4	21/22

CSER W3970 Arab Americans and the Arab Diaspora Thorough Literature and Theater. *4 points.*

This course explores contemporary Arab American and the Arab Diaspora culture and history through literature and film produced by writers and filmmakers of these communities. As a starting historical point, the course explores the idea of *Arabness*, and examines the Arab migration globally, in particular to the U.S., focusing on three periods: 1875-1945, 1945-early 1960s, and late 1960s-present. By reading and viewing the most exciting and best-known literary works and films produced by these writers and filmmakers, students will attain an awareness of the richness and complexity of these societies. Additionally, students will read historical and critical works to help them have a deeper understanding of these creative works. Discussions revolve around styles and aesthetics as well as identity and cultural politics. Some of the writers the class will cover include, Wajdi Mouawad, Diana Abu Jaber, Amin Maalouf, Tahar Ben Jelloun, Anthony Shadid (http://www.nationalbook.org/nba2012_nf_shadid.html), Hisham Matar, and Adhaf Soueif.

Spring 2015: CSER W3970

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CSER 3970	001/20866	M 2:10pm - 4:00pm 420 Hamilton Hall	Nathalie Handal	4	15/22

CSER W3961 Wealth and Poverty in America. *4 points.*

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This seminar explores the problems of wealth and poverty in United States history based on intensive reading and class discussion. We will read a book or a set of scholarly articles each week, often with various kinds of primary sources. By examining ideologies of wealth and poverty, their cultural and legal implications, the development of public policies for property and social welfare, and the lives of the rich and the poor, this course examines the meanings of wealth and poverty in America from the colonial period to the present. Special attention will be paid to the relationship of immigration to this history. An exercise in interdisciplinary study, this course draws materials from a wide range of academic disciplines including History, Sociology, Urban Studies, Journalism, and Law.

Spring 2015: CSER W3961

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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CSER 3961	001/22975 Th 9:00am - 10:50am 420 Hamilton Hall	Hidetaka Hirota	4	14/22
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FILM STUDIES

Departmental Office: 513 Dodge; 212-854-2815
<http://arts.columbia.edu/film>

Director of Undergraduate Studies: Prof. Annette Insdorf,
 513 Dodge; 212-854-1682; ai3@columbia.edu

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 *Introduction to Film and Media Studies (FILM W3000)*, 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/Honors Seminar, 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 at least 3.75 in the major and distinction in their overall achievements in film study. The department submits recommendations to the undergraduate honors committees for confirmation. Normally no more than 10% of the graduating majors in the department each year receive departmental honors.

FACULTY

FACULTY

- Nico Baumbach
- Loren-Paul Caplin
- Jane Gaines
- Annette Insdorf
- Caryn James
- Christina Kallas
- Nelson Kim
- Robert King
- Sandra Luckow
- Richard Peña
- James Schamus
- Edward Turk

REQUIREMENTS

MAJOR IN FILM STUDIES

The major in film studies requires a minimum of 36 points distributed as follows:

Introductory Courses

FILM W3000 Introduction to Film and Media Studies

FILM W4000 Film and Media Theory

History Courses

Select two from the following, one of which must either be FILM W3003 or FILM W3006:

FILM W3003	Cinema History 1: Beginning-1930
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FILM W3006	Cinema History 2: 1930-60
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FILM W3008	Cinema History 3: 1960-90
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FILM W3010	Cinema History 4: after 1990
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Laboratories

Select one from the following:

FILM W3820	Laboratory in Writing Film Criticism
FILM W3830	Laboratory In Nonfiction Filmmaking
FILM W3831	Laboratory in Screenwriting
FILM W3832	Laboratory in Fiction Filmmaking

Electives

Select seven from the following, one of which must be an international course:

FILM W3050	The Documentary Tradition
FILM W3300	Topics in American Cinema
FILM W3500	Interdisciplinary Studies: History of TV
FILM W3851	Narrative Strategies in Screenwriting
FILM W3870 (Section 1)	Seminar in International Film: Poland
FILM W3870 (Section 2)	Seminar in International Film: French Cinema, 1930-1945, Modes of Realism
FILM W4005	Script Analysis
FILM W4108	Auteur Study
FILM W4145 (Section 1)	Topics in World Cinema: Latin America
FILM W4145 (Section 2)	Topics in World Cinema: Contemporary Israeli Cinema
FILM W3842	Senior Seminar in Filmmaking
FILM W3850	Senior Seminar in Screenwriting
FILM W3900	Senior Seminar in Film Studies
FILM G4310	Experimental Film and Media
FILM G4320	New Directions in Film and Philosophy
FILM R4440	Seeing Narrative

COURSES

FILM W3000 Introduction to Film and Media Studies. 3 points.

Discussion Section Required
Lecture and discussion. Priority given to declared film majors.
Fee: \$75.

Basic principles of film study--film aesthetics (mise-en-scene, cinematography, editing, sound); film history (interaction of historical, economic, ideological, and technological determinants); film theory (realism, cinema specificity, relationship of film to other arts); and film criticism (feminist, Marxist, structuralist, semiotic, psychoanalytic, auteurist, and generic approaches).

Fall 2014: FILM W3000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3000	001/61779	M 2:00pm - 5:45pm 511 Dodge Building	Nelson Kim	3	68/75

Spring 2015: FILM W3000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3000	001/29566	Th 10:00am - 1:45pm 511 Dodge Building	Chris Robinson	3	48/75

FILM W3003 Cinema History 1: Beginning-1930. 0 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 *cinématographe* 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 archivist’s dilemma in the digital era.

Spring 2015: FILM W3003

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3003	001/68746	Th 2:00pm - 5:45pm 511 Dodge Building	Jane Gaines	0	10/65

FILM W3006 Cinema History 2: 1930-60. 3 points.

Discussion Section Required
Priority given to film majors. Fee: \$75.

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 cinema's changing function as a social institution.

Fall 2014: FILM W3006

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3006	001/92546	M 10:00am - 1:45pm 511 Dodge Building	Robert King	3	36/65

FILM W3008 Cinema History 3: 1960-90. 3 points.

Discussion Section Required

Priority given to film majors and seniors. Fee: \$75.

A consideration of "cinema in the age of television," this course begins with a consideration of the impact of modernism on film style and storytelling, as well as changes in technology and industrial structure. We then move on to a consideration of newly emergent film industries, as well as the re-formulation of Hollywood studio filmmaking in the seventies. The final section of the course considers the rise of independent filmmaking, as well as the impact of new, globalized audiences on national filmmakers.

Fall 2014: FILM W3008

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3008	001/98746	T 6:10pm - 10:00pm 511 Dodge Building	Richard Pena	3	44/55

FILM W3010 Cinema History 4: after 1990. 3 points.

Discussion Section Required

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.

Spring 2015: FILM W3010

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3010	001/25942	T 10:00am - 1:45pm 511 Dodge Building	Richard Pena	3	42/50

FILM W3050 The Documentary Tradition. 3 points.

Discussion Section Required

Film screening, lecture, and discussion. Fee: \$75.

Documentary film from the late 1890s to the mid-1980s. Attention focuses on the documentary as a means of either supporting or attacking the status quo, on the relationship between the creators and consumers, on claims to truth and

objectivity, and on how new technology influences the oldest form of filmmaking.

Spring 2015: FILM W3050

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3050	001/94255	M 2:00pm - 5:45pm 511 Dodge Building	Nico Baumbach	3	26/65

FILM W3300 Topics in American Cinema. 3 points.

Discussion Section Required

Spring 2015: FILM W3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3300	001/94256	M 10:00am - 1:45pm 511 Dodge Building	Robert King	3	63/65

FILM W3500 Interdisciplinary Studies: History of TV. 3 points.

Discussion Section Required

Fee: \$75. **Not Offered During 2014-15 Academic Year.**

A survey of American TV history, with a focus on dramatic narration related to independent cinema. Structured in three acts--from the "Golden Age" of the 1950s to the dramatic complexity found in recent Cable series--it begins with prestigious writers Rod Serling and Paddy Chayefsky; studies groundbreaking mini-series like "Roots" and "Holocaust"; and explores how shows, such as "Hill Street Blues" and "Twin Peaks", laid the groundwork for HBO series, including "Oz", "The Sopranos", "The Wire", and "Six Feet Under". Producing 13-week dramas over the span of years, these programs have developed a sophisticated narrative form, borrowing from, as well as informing, cinematic storytelling.

FILM W3820 Laboratory in Writing Film Criticism. 3 points.

Prerequisites: the instructor's permission.

This course will emphasize the role of criticism today. We will screen films, from classics to some currently in theaters. We will read, analyze, and evaluate critical responses to them, considering some crucial questions: How does criticism hold up over time? How do you approach a new film? How do you approach one that has been written about for decades? Students will write short reviews and longer essays with an eye toward developing a personal voice. This course assumes there is no right or wrong in criticism, just stronger or weaker arguments, and we'll focus on ways to create the best case for your original ideas. Syllabus posted on CW. Submit short writing sample, 3-5 pp., to cj2374@columbia.edu.

Fall 2014: FILM W3820

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FILM 001/93629 M 2:00pm - 5:00pm Caryn 3 10/12
3820 403 Dodge Building James

FILM W3830 Laboratory In Nonfiction Filmmaking. 3 points.

Film majors only. Fee: \$75.

Exercises in the use of video for documentary shorts.

FILM W3831 Laboratory in Screenwriting. 3 points.

Film majors only.

Exercises in the writing of film scripts.

Fall 2014: FILM W3831

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3831	001/66596	Th 10:00am - 1:00pm 512 Dodge Building	Leon Hendrix	3	11/12
FILM 3831	002/87946	M 6:00pm - 9:00pm 512 Dodge Building	Sushmita Saha	3	12/12

Spring 2015: FILM W3831

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3831	001/98496	F 10:00am - 1:00pm 504 Dodge Building	Javier Gonzalez Chillon	3	11/12
FILM 3831	002/76550	M 6:00pm - 9:00pm 512 Dodge Building	Andrew Ruiz	3	12/12

FILM W3832 Laboratory in Fiction Filmmaking. 3 points.

Film majors only. Fee: \$75.

Exercises in the use of video for fiction shorts.

Fall 2014: FILM W3832

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3832	001/71696	F 10:00am - 1:00pm 403 Dodge Building	Garette Henson	3	10/12
FILM 3832	002/92148	Th 6:00pm - 9:00pm 508 Dodge Building	Alfred Sisley	3	11/12

Spring 2015: FILM W3832

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3832	001/96096	Th 6:00pm - 9:00pm 512 Dodge Building	Elif Ayan	3	11/12

FILM W3842 Senior Seminar in Filmmaking. 3 points.

An advanced directing workshop for senior film majors who have already completed *FILM W3831* or *FILM W3832*.

Fall 2014: FILM W3842

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3842	001/73446	W 6:00pm - 9:00pm 302 Lehman Hall	Sandra Luckow	3	6/12

FILM W3850 Senior Seminar in Screenwriting. 3 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 2014: FILM W3850

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3850	001/76496	W 6:00pm - 9:00pm 512 Dodge Building	Loren-Paul Caplin	3	11/12

FILM W3851 Narrative Strategies in Screenwriting. 3 points.

Prerequisites: *FILM 3831*.

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 2015: FILM W3851

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3851	001/18146	W 6:00pm - 9:00pm 512 Dodge Building	Loren-Paul Caplin	3	12/12

FILM W3870 (Section 1) Seminar in International Film: Poland. 3 points.

This course explores the richness--formal, political, and thematic--of post-World War II Polish cinema, with a focus on the films of Andrzej Wajda (*Ashes and Diamonds*), Krzysztof Kieslowski (*Decalogue*), and Wojciech Has (*The Saragossa Manuscript*). Requirements: midterm paper (5 - 7 pages) and final paper (10 - 12 pages).

Fall 2014: FILM W3870 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3870	001/76529	Th 2:00pm - 5:45pm 511 Dodge Building	Annette Insdorf	3	13/20

FILM W3870 (Section 2) Seminar in International Film: French Cinema, 1930-1945, Modes of Realism. 3 points.

Major works of the “classical” era of French sound film will be studied in their artistic, historical, and intellectual dimensions. Special emphasis will be placed on 1) understanding these movies and their directors within the social and political contexts of France during the 1930s and, then, the German Occupation period (1940-1944); and 2) distinguishing among various modes of screen “realism.” A recurring topic will be the dynamic tension between “documentary” and “poetic” components of these films. Directors include René Clair, Jean Vigo, Marcel Pagnol, Jean Renoir, Marcel Carné, Jean Grémillon, and Henri-Georges Clouzot.

FILM W3900 Senior Seminar in Film Studies. 3 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 2014: FILM W3900

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 3900	001/82446 T	9:30am - 1:00pm 512 Dodge Building	Richard Pena	3	12/12
FILM 3900	002/78496 W	2:00pm - 5:30pm 512 Dodge Building	Annette Insdorf	3	11/12

FILM W4000 Film and Media Theory. 3 points.

Discussion Section Required

Fee: \$50.

Prerequisites: *FILM W3001*.

An introduction to some of the major texts in film theory, with particular attention to film theory's evolving relations to a number of philosophical issues: the nature of the aesthetic; the relation of symbolic forms to the construction of human subjectivities; narrative and the structure of experience; modernity, technology, popular culture, and the rise of mass political formations; and meaning, intention, and authorship.

Fall 2014: FILM W4000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4000	001/14029 Th	10:00am - 1:45pm 511 Dodge Building	Nico Baumbach	3	41/75

FILM W4005 Script Analysis. 3 points.

Discussion Section Required

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.

Fall 2014: FILM W4005

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4005	001/63546 T	2:00pm - 5:45pm 511 Dodge Building	Christina Kalogeropoulou	3	60/75

FILM W4108 Auteur Study. 3 points.

Fee: \$50.

Course content changes yearly.

Spring 2015: FILM W4108

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4108	001/76998 W	10:00am - 1:45pm 511 Dodge Building	Farbod Honarpisheh	3	15/20

FILM W4145 (Section 1) Topics in World Cinema: Latin America. 3 points.

Discussion Section Required

Although the cinema arrived in Latin America less than a year after its invention, this course will focus on the creative surge that began after World War II--a development most powerfully symbolized by Bunuel's incomparable *Los Olvidados*, and the subsequent movements in diverse countries that would soon follow in its wake. The shadow of politics would never be far, seen in the struggle to create "national" film industries, and to make cinema part of a dialogue concerning the future of these highly contested societies. Requirements: short (2-3 pages) papers on each film shown for the class, and a final paper 12-15 pages.

Fall 2014: FILM W4145 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4145	001/78781 M	6:10pm - 9:00pm 509 Hamilton Hall	Raz Yosef	3	24

Spring 2015: FILM W4145 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FILM 4145	001/92067 T	6:10pm - 10:00pm 511 Dodge Building	Richard Pena	3	51/75

FILM W4145 (Section 2) Topics in World Cinema: Contemporary Israeli Cinema. 3 points.

An examination of the ideological and aesthetic trends in contemporary Israeli cinema including *Yossi and Jagger*, *Or, My Treasure*, *Beaufort*, and *Waltz with Bashir*. Focus on films dealing with events that were repressed or insufficiently mourned--such as the memory of the Holocaust, traumas from wars and terrorist attacks--often through the private memories of soldiers, immigrants, women, and gays. The course will explore these issues, critically viewing contemporary Israeli

films using feminist, postmodern, and trauma and memory theories.

FRENCH AND ROMANCE PHILOLOGY

Departmental Office: 515 Philosophy; 212-854-2500 or 212-854-3208

<http://www.columbia.edu/cu/french/>

Director of Undergraduate Studies: Prof. Vincent Debaene, 501 Philosophy; 212-854-3522; vd2169@columbia.edu

Director of the Language Program: Dr. Pascale Hubert-Leibler, 519 Philosophy; 212-854-4819; ph2028@columbia.edu

Academic Department Administrator: Isabelle Chagnon, 515 Philosophy; 212-854-7978; ic7@columbia.edu

The Department of French and Romance Philology offers a major and concentration in French, as well as a major and concentration in French and Francophone Studies. Students who are primarily interested in French literature should consider the major in French. Students who are interested in French history and civilization, and in the literature and culture of the Francophone world, should consider the major in French and Francophone Studies.

Major in French

The major in French gives students an in-depth familiarity with the language, culture, and literature of France and the French-speaking world. After completing the four-semester language requirement, students take courses in advanced grammar, composition and stylistics to refine their skills in reading, speaking, and writing French. In a required two-semester survey course (FREN W3333-FREN W3334), they receive a comprehensive overview of the development of French literature from the Middle Ages to the present day. After completing these core courses, French majors are encouraged to pursue individual interests; a wide range of language, literature, and cultural studies courses is available. Small classes and seminars allow for individual attention and enable students to work closely with faculty members. Advanced elective courses on French literature, history, philosophy, and cinema allow students to explore intellectual interests, perfect critical reading skills, and master close reading techniques.

The capstone course is the senior seminar, in which students study a range of texts and critical approaches and are encouraged to synthesize their learning in previous courses. The optional senior essay, written under the direction of a faculty member, introduces students to scholarly research. To be considered for departmental honors, students must complete the senior essay.

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:

- French grammar and composition/stylistics, essential to achieving proficiency in French language;
- FREN W3420 Introduction to French and Francophone Studies, I-FREN W3421 Introduction to French and Francophone Studies II; and,
- FREN W3995 Senior Seminar

Having completed these courses, students take courses in related departments and programs, e.g. history, anthropology, political science, women's studies, human rights, art history, to fulfill the interdisciplinary portion of the major. To ensure methodological focus, three of these courses should be taken within a single field (e.g. history, music, anthropology, or political science), or in relation to a single issue or world region, e.g. West Africa.

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

FREN W1101-FREN W1102 Elementary Course and FREN W1201- FREN W1202 Intermediate Course. 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 Center for Student Advising, 403 Lerner. An SAT score of 780 or a score of 4 on the AP exam satisfies the language requirement.

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 W1101 Elementary Course and FREN W1102 Elementary Course, 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.

Intermediate courses, FREN W1201 Intermediate Course and FREN W1202 Intermediate Course, 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 one of the 2-point conversation courses offered at intermediate and advanced levels. Conversation courses generally may not be counted toward the major. The exception is the special 3-point advanced conversation course, FREN W3498 French Cultural Workshop, offered in the fall, designed to meet the needs of students planning to study abroad at Reid Hall.

ADVANCED PLACEMENT

- AP score of 4: The department grants 0 credits for a score of 4 on the AP French Language exam, but the foreign language requirement is satisfied.
- 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 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 6 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 6 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 computer terminals.

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 by distinguished French visitors to New York City. With its weekly French film series, book club, café-conversation 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 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).

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>.

Reid Hall, Paris

Located at 4 rue de Chevreuse, Paris, Reid Hall is administered by Columbia University. It offers semester and year-long programs of study, as well as summer courses.

Most students who study at Reid Hall take courses in the French university system (e.g. at the Sorbonne) and core courses offered at Reid Hall. In their first semester, students take a course in academic writing in French, enabling them to succeed at a high level in French university courses. Special opportunities include small topical seminars of Reid Hall students and French students.

For information on study abroad at Reid Hall, visit www.ogp.columbia.edu.

GRADING

Students who wish to offer 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, 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 each year receive departmental honors.

UNDERGRADUATE PRIZES

The Department of French and Romance Philology 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.

FACULTY PROFESSORS

- Antoine Compagnon
- Souleymane Bachir Diagne
- Pierre Force
- Elisabeth Ladenson

ASSOCIATE PROFESSORS

- Peter Connor (Barnard)
- Vincent Debaene
- Madeleine Dobie
- Emmanuelle Saada
- Joanna Stalnaker

ASSISTANT PROFESSORS

Eliza Zingesser

VISITING PROFESSORS

Etienne Balibar

SENIOR LECTURERS

- Pascale Hubert-Leibler
- Sophie Queuniet

LECTURERS

- Vincent Aurora
- Alexandra Borer
- Pascale Crépon
- Heidi Holst-Knudsen
- Samuel Skippon

REQUIREMENTS

MAJOR IN FRENCH

The program of study should be planned before the end of the sophomore year with the director of undergraduate studies.

The major in French requires a minimum of 33 points beyond completion of language requirement (FREN W1202 Intermediate Course) distributed as follows:

FREN W3405 Advanced Grammar and Composition

FREN W3333 Introduction to Literary Study I
- FREN and Introduction to Literary Studies II
W3334

FREN W3600 France, Past and Present. An Introduction
to French Civilization.

FREN W3995 Senior Seminar

One upper-level course on literature before 1800

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 courses (12 points) are to be chosen from 3000-level offerings in French literature, linguistics, or civilization.

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 W3405 Advanced Grammar and Composition, 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 W1101 Elementary Course

FREN W1102 Elementary Course

FREN W1105 Accelerated Elementary French

FREN W1201 Intermediate Course

FREN W1202 Intermediate Course

FREN W1206 Rapid Reading and Translation

FREN W1221 Intermediate Conversation I and II

FREN W1222 Intermediate Conversation I and II

FREN W3131 Third-Year Conversation

FREN W3132 Third-Year Conversation

FREN W3240 French Language, Society, and Culture
through film

FREN W3498 French Cultural Workshop

CONCENTRATION IN FRENCH

The concentration in French requires a minimum of 27 points beyond completion of language requirement (FREN W1202 Intermediate Course) distributed as follows:

FREN W3405 Advanced Grammar and Composition

FREN W3600 France, Past and Present. An Introduction
to French Civilization.

FREN W3333 Introduction to Literary Study I
- FREN and Introduction to Literary Studies II
W3334

The remaining courses (15 points) to be chosen from
3000-level offerings in French literature, linguistics, or
civilization.

MAJOR IN FRENCH AND FRANCOPHONE STUDIES

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 33 points beyond completion of the language

requirement (FREN W1202 Intermediate Course) distributed as follows:

FREN W3405 Advanced Grammar and Composition

FREN W3420 Introduction to French and Francophone Studies, I

FREN W3421 Introduction to French and Francophone Studies II

FREN W3995 Senior Seminar

One course on francophone/postcolonial French literature
The remaining courses (18 points) are to be chosen from upper-level offerings in French and other disciplines. Nine (9) of these points must be taken in a discipline other than French literature. To ensure focus, these interdisciplinary electives must fall within a single discipline of subject area. Courses must be pre-approved by the director of undergraduate studies. One of the advanced electives may be a senior essay written under the direction of a faculty member affiliated with the French and Francophone studies committee or teaching at Reid Hall. Majors who choose to write a senior essay at Columbia should register for the senior tutorial course in their adviser's home department.

Note the following:

- FREN BC3006 Composition and Conversation is not applicable to either the French and Francophone studies major or concentration. Other Barnard College French courses may be taken with the approval of the director of undergraduate studies.
- Heritage speakers are exempted from FREN W3405 Advanced Grammar and Composition, 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 W1101 Elementary Course

FREN W1102 Elementary Course

FREN W1105 Accelerated Elementary French

FREN W1201 Intermediate Course

FREN W1202 Intermediate Course

FREN W1206 Rapid Reading and Translation

FREN W1221 Intermediate Conversation I and II

FREN W1222 Intermediate Conversation I and II

FREN W3131 Third-Year Conversation

FREN W3132 Third-Year Conversation

FREN W3240 French Language, Society, and Culture through film

FREN W3498 French Cultural Workshop

CONCENTRATION IN FRENCH AND FRANCOPHONE STUDIES

The concentration in French and Francophone studies requires a minimum of 27 points beyond completion of the language requirement (FREN W1202 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=FREN%20W1202>) Intermediate Course) distributed as follows:

FREN W3405 Advanced Grammar and Composition

FREN W3600 France, Past and Present. An Introduction to French Civilization.

FREN W3420 Introduction to French and Francophone Studies, I

FREN W3421 Introduction to French and Francophone Studies II

One course on francophone/postcolonial French literature
The remaining courses (12 points) are to be chosen from upper-level offerings in French and other disciplines. Six (6) of these points must be taken in a discipline other than French literature. To ensure focus, these interdisciplinary elective courses must fall within a single discipline or subject area. Courses must be pre-approved by the director of undergraduate studies.

COURSES LANGUAGE

FREN W1101 Elementary Course. 4 points.

Enrollment limited to 20. The same course as *W1101x-W1102y*, above.

Fall 2014: FREN W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101	001/23985	M T W Th 8:50am - 9:55am 254 International Affairs Bldg	Tommaso Manfredini	4	12/18
FREN 1101	002/15051	M T W Th 10:10am - 11:15am 254 International Affairs Bldg	Tommaso Manfredini	4	17/18
FREN 1101	003/68716	T Th F 10:10am - 11:25am 253 International Affairs Bldg	Kalinka Alvarez	4	17/18
FREN 1101	004/10474	M T W Th 11:40am - 12:45pm 411 Hamilton Hall	Andrew Branch	4	16/18
FREN 1101	005/73315	M T W Th 1:10pm - 2:15pm 201a Philosophy Hall	Andrew Branch	4	17/18
FREN 1101	006/29003	T Th F 1:10pm - 2:25pm 254 International Affairs Bldg	William Burton	4	15/18
FREN 1101	007/68170	M W F 2:40pm - 3:55pm 413 Hamilton Hall	Eric Matheis	4	15/18

FREN 1101	008/77544	T Th F 4:10pm - 5:25pm	Celia Abele	4	9/18	Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101	009/67579	T Th F 6:10pm - 7:25pm	Caroline Dolan	4	9/18	FREN 1102	001/23985	M T W Th 8:50am - 9:55am	Pascale Crepon	4	18/18
FREN 1101	010/29567	M W Th 6:10pm - 7:25pm	Eric Matheis	4	16/18	FREN 1102	002/15051	M T W Th 10:10am - 11:15am	Pascale Crepon	4	10/18
FREN 1101	011/83348	M T W Th 8:50am - 9:55am	Denise Carroll	4	9/18	FREN 1102	003/68716	T Th F 10:10am - 11:25am	Kalinka Alvarez	4	16/18
FREN 1101	012/17209	T Th F 4:10pm - 5:25pm	Christopher Wood	4	12/18	FREN 1102	004/10474	T Th F 11:40am - 12:55pm	Denise Carroll	4	7/18
Spring 2015: FREN W1101											
Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment	Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1101	001/19687	M T W Th 8:50am - 9:55am	Anne-Marie Moscatelli	4	16/18	FREN 1102	005/73315	T Th F 1:10pm - 2:25pm	William Burton	4	16/18
FREN 1101	002/17050	M T W Th 10:10am - 11:15am	Anne-Marie Moscatelli	4	11/18	FREN 1102	006/29003	M T W Th 1:10pm - 2:15pm	Christopher Wood	4	19/18
FREN 1101	003/63319	M T W Th 11:40am - 12:45pm	Sophie Queuniet	4	16/18	FREN 1102	007/68170	M T W Th 2:40pm - 3:45pm	Christopher Wood	4	15/18
FREN 1101	004/75261	M T W Th 1:10pm - 2:15pm	Sophie Queuniet	4	11/18	FREN 1102	008/12453	M W Th 4:10pm - 5:25pm	Aurelie Chatton	4	13/18
FREN 1101	005/65526	M W F 1:10pm - 2:25pm	Eric Matheis	4	12/18	FREN 1102	010/76699	M W Th 6:10pm - 7:25pm	Aurelie Chatton	4	10/18
FREN 1101	006/24427	M W F 2:40pm - 3:55pm	Denise Carroll	4	12/18	FREN 1102	011/72108	M W Th 6:10pm - 7:25pm	Caroline Dolan	4	11/18
FREN 1101	007/77619	T Th F 4:10pm - 5:25pm	Jacqueline Lerescu	4	15/20						
FREN 1101	008/19108	T Th F 6:10pm - 7:25pm	Nicolae Virastau	4	10/20						

FREN W1102 Elementary Course. 4 points.

Enrollment limited to 20. The same course as *W1101x-W1102y*, above.

Fall 2014: FREN W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1102	001/29952	M T W Th 8:50am - 9:55am	Pascale Crepon	4	14/18
FREN 1102	002/65943	M T W Th 10:10am - 11:15am	Pascale Crepon	4	12/18
FREN 1102	003/74896	M T W Th 11:40am - 12:45pm	Aurelie Chatton	4	15/18
FREN 1102	004/73309	M T W Th 1:10pm - 2:15pm	Aurelie Chatton	4	12/18
FREN 1102	005/61231	T Th F 2:40pm - 3:55pm	Jacqueline Lerescu	4	13/18

Spring 2015: FREN W1102**FREN W1105 Accelerated Elementary French. 8 points.**

Prerequisites: Instructor's permission

Fall 2014: FREN W1105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1105	001/14850	M T W Th 8:50am - 10:50am	Pascale Hubert-Leibler	8	14/18

FREN W1201 Intermediate Course. 4 points.

Enrollment limited to 20. The same course as *W1201x-W1202y*, above.

Fall 2014: FREN W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1201	001/62977	T Th F 8:40am - 9:55am	Aurelie Chatton	4	10/18
FREN 1201	002/72737	Th 10:10am - 11:25am	Anais Maurer	4	10/18
FREN 1201	002/72737	T F 10:10am - 11:25am	Anais Maurer	4	10/18

FREN 1201	003/81046	M T W Th 11:00am - 11:50am 413 Hamilton Hall	Anna Provitola	4	6/18
FREN 1201	004/16582	M T W Th 12:00pm - 12:50pm 413 Hamilton Hall	Sophie Queuniet	4	17/18
FREN 1201	005/70392	T Th F 1:10pm - 2:25pm 253 International Affairs Bldg	Mara Lasky	4	9/18
FREN 1201	006/21135	M T W Th 1:00pm - 1:50pm 413 Hamilton Hall	Sophie Queuniet	4	9/18
FREN 1201	007/23635	M T W Th 1:00pm - 1:50pm 507 Philosophy Hall	Katherine Balkoski	4	15/18
FREN 1201	008/10308	T Th F 2:40pm - 3:55pm 254 International Affairs Bldg	Rose Gardner	4	15/18
FREN 1201	009/17235	M W Th 6:10pm - 7:25pm 201a Philosophy Hall	Ines Nam	4	12/18
FREN 1201	010/82596	M W Th 4:10pm - 5:25pm 201a Philosophy Hall	Adham Azab	4	11/18

Spring 2015: FREN W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1201	001/77544	T Th F 8:40am - 9:55am 325 Pupin Laboratories	Alexandra Borer	4	15/18
FREN 1201	002/67579	M T W Th 10:00am - 10:50am 201a Philosophy Hall	Pascale Hubert-Leibler	4	16/18
FREN 1201	003/29952	M W F 11:40am - 12:55pm 413 Hamilton Hall	Vincent Aurora	4	6/18
FREN 1201	004/74896	M W F 1:10pm - 2:25pm 413 Hamilton Hall	Vincent Aurora	4	16/18
FREN 1201	005/73309	T Th F 4:10pm - 5:25pm 313 Hamilton Hall	Celia Abele	4	3/18

FREN W1202 Intermediate Course. 4 points.

Enrollment limited to 20. The same course as *W1201x-W1202y*, above.

Fall 2014: FREN W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1202	001/18002	T Th F 8:40am - 9:55am 411 Hamilton Hall	Alexandra Borer	4	15/18
FREN 1202	002/26970	T Th F 10:10am - 11:25am 411 Hamilton Hall	Alexandra Borer	4	13/18
FREN 1202	003/24374	M T W Th 12:00pm - 12:50pm 507 Philosophy Hall	Sophie-Anne Bisiaux	4	15/18
FREN 1202	004/64078	M T W Th 1:00pm - 1:50pm 511 Hamilton Hall	Charlotte Chennetier	4	10/18
FREN 1202	005/23707	T Th F 1:10pm - 2:25pm 411 Hamilton Hall	Heidi Holst-Knudsen	4	16/18

FREN 1202	007/73403	T Th F 2:40pm - 3:55pm 411 Hamilton Hall	Heidi Holst-Knudsen	4	11/18
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Spring 2015: FREN W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1202	001/61231	T W Th 8:40am - 9:55am 411 Hamilton Hall	Samuel Skippon	4	15/18
FREN 1202	002/70682	M T W Th 9:00am - 9:50am 507 Philosophy Hall	Charlotte Chennetier	4	12/18
FREN 1202	003/14850	T Th F 10:10am - 11:25am 255 International Affairs Bldg	Anais Maurer	4	10/18
FREN 1202	005/73660	M T W Th 12:00pm - 12:50pm 411 Hamilton Hall	Sophie-Anne Bisiaux	4	17/18
FREN 1202	006/62977	M T W Th 1:00pm - 1:50pm 507 Philosophy Hall	Katherine Balkoski	4	16/18
FREN 1202	007/72737	T Th F 1:10pm - 2:25pm 411 Hamilton Hall	Heidi Holst-Knudsen	4	11/18
FREN 1202	008/16582	T Th F 2:40pm - 3:55pm 254 International Affairs Bldg	Rose Gardner	4	16/18
FREN 1202	009/98096	M T W Th 1:00pm - 1:50pm 306 Hamilton Hall	Ines Nam	4	10/18
FREN 1202	010/70392	M W Th 4:10pm - 5:25pm 201a Philosophy Hall	Adham Azab	4	13/18
FREN 1202	011/11849	M W Th 6:10pm - 7:25pm 325 Pupin Laboratories	Mara Lasky	4	19/18

FREN W1206 Rapid Reading and Translation. 3 points.

This a course designed to prepare graduate students in other departments to fulfill their foreign language proficiency requirement.

Fall 2014: FREN W1206

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1206	001/23073	M W 4:10pm - 5:25pm 315 Hamilton Hall	Eric Matheis	3	10

Spring 2015: FREN W1206

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 1206	001/21135	M W 4:10pm - 5:25pm 315 Hamilton Hall	Eric Matheis	3	3/15

FREN W1221 Intermediate Conversation I and II. 2 points.

Conducted in French. Practice in conversational French, with emphasis on comprehension, pronunciation, and idiomatic usage. Recommended parallel: French W1201-W1202

Fall 2014: FREN W1221

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 1221	001/24247	T Th 10:10am - 11:25am 507 Philosophy Hall	Sophie- Queuniet	2	10/15
FREN 1221	002/75965	M W 1:10pm - 2:25pm 411 Hamilton Hall	Samuel Skippon	2	12/15

Spring 2015: FREN W1221

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 1221	001/23635	M W 1:10pm - 2:25pm 411 Hamilton Hall	Johanna Magin	2	11/15
FREN 1221	002/10308	M W 2:40pm - 3:55pm 315 Hamilton Hall	Johanna Magin	2	11/15

FREN W1222 Intermediate Conversation I and II. 2 points.

Conducted in French. Practice in conversational French, with emphasis on comprehension, pronunciation, and idiomatic usage. Recommended parallel: French W1201-W1202

Fall 2014: FREN W1222

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 1222	001/20718	M W 2:40pm - 3:55pm 316 Hamilton Hall	Gabriela Badea	2	7/15
FREN 1222	002/15342	M W 4:10pm - 5:25pm 316 Hamilton Hall	Gabriela Badea	2	6/15

Spring 2015: FREN W1222

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 1222	001/17235	M W 2:40pm - 3:55pm 407 Hamilton Hall	Aurelie Chatton	2	12/15
FREN 1222	002/18002	T Th 4:10pm - 5:25pm 507 Philosophy Hall	Maya Sidhu	2	9/15

FREN W3131 Third-Year Conversation. 2 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 2014: FREN W3131

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 3131	001/16228	M W 10:10am - 11:25am 255 International Affairs Bldg	Charlotte Chennetier	2	7/15
FREN 3131	002/72595	Th 10:10am - 11:25am 337 Seeley W. Mudd Building	Sophie- Anne Bisiaux	2	9/15
FREN 3131	002/72595	T 10:10am - 11:25am 502 Northwest Corner	Sophie- Anne Bisiaux	2	9/15

FREN 3131	003/77242	M W 2:40pm - 3:55pm 315 Hamilton Hall	Sophie- Anne Bisiaux	2	15/15
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FREN W3132 Third-Year Conversation. 2 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.

Spring 2015: FREN W3132

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 3132	001/26970	M W 10:10am - 11:25am 507 Philosophy Hall	Charlotte Chennetier	2	9/15
FREN 3132	002/24374	T Th 10:10am - 11:25am 411 Hamilton Hall	Sophie- Anne Bisiaux	2	13/15
FREN 3132	003/64078	M W 11:40am - 12:55pm 507 Philosophy Hall	Charlotte Chennetier	2	12/15

FREN W3240 French Language , Society, and Culture through film. 3 points.

Prerequisites: FREN W1202 Intermediate French II
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.
Note: this course does not count toward the French major or concentration.

Fall 2014: FREN W3240

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 3240	001/18181	T Th 4:10pm - 5:25pm 411 Hamilton Hall	Heidi Holst- Knudsen	3	12/15
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Spring 2015: FREN W3240

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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FREN 3240	001/74178	T Th 2:40pm - 3:55pm 411 Hamilton Hall	Heidi Holst- Knudsen	3	13/15
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FREN W3405 Advanced Grammar and Composition. 3 points.

Enrollment limited to 15. The goal of W3405 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 2014: FREN W3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3405	001/72095	M W 10:10am - 11:25am 411 Hamilton Hall	Samuel Skippon	3	12/15
FREN 3405	002/10997	M W 11:40am - 12:55pm 407 Hamilton Hall	Pascale Crepon	3	11/15
FREN 3405	003/16769	T Th 1:10pm - 2:25pm 316 Hamilton Hall	Alexandra Borer	3	15/15
FREN 3405	004/74884	T Th 4:10pm - 5:25pm 315 Hamilton Hall	Nicolae Virastau	3	8/15
FREN 3405	005/20800	T 1:10pm - 2:25pm 302 Fayerweather	Johanna Magin	3	8/15
FREN 3405	005/20800	Th 1:10pm - 2:25pm 607 Hamilton Hall	Johanna Magin	3	8/15

Spring 2015: FREN W3405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3405	001/62613	T Th 10:10am - 11:25am 325 Pupin Laboratories	Alexandra Borer	3	11/15
FREN 3405	002/74082	M W 11:40am - 12:55pm 407 Hamilton Hall	Pascale Crepon	3	9/15
FREN 3405	003/67151	M W 2:40pm - 3:55pm 413 Hamilton Hall	Vincent Aurora	3	15/15

FREN W3498 French Cultural Workshop. 3 points.

Prerequisites: Completion of 1202

Designed (though not exclusively) for students contemplating a stay at Reid Hall, this course will foster a comparison of the French and American cultures with readings from sociological sources and emphasis on in-class discussion in an attempt to comprehend and avoid common causes of cross-cultural communication

Fall 2014: FREN W3498

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3498	002/95998	T Th 2:40pm - 3:55pm 413 Hamilton Hall	Vincent Aurora	3	8/18

FREN W4995 French for Diplomats. 3 points.

This course deals with French foreign policy. It is designed for students who have a good French level (the whole course is taught in French, so there are minimal requirements) and are interested by international relations and France. It aims at improving students' knowledge of French diplomacy: the vision and values it carries, its history, its logic, its strengths, its weaknesses, the interrogations and challenges it faces. Though it is not a language course (there will be no grammar),

it will also sharpen students' mastering of French (especially useful for those considering an exchange at Sciences Po, or wanting to work in places such as the United Nations where it is useful to master some French diplomatic vocabulary).

LITERATURE AND CULTURE

FREN W3333 Introduction to Literary Study I. 3 points.

Prerequisites: FREN 3405 (Advanced Grammar and Composition) or an AP score of 5 or the permission of the instructor.

Enrollment limited to 20. Reading and discussion of major works from the Middle Ages to 1750.

Fall 2014: FREN W3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3333	001/76964	M W 10:10am - 11:25am C01 80 Claremont	Jonathan Morton	3	16/20

Spring 2015: FREN W3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3333	001/71446	M W 11:40am - 12:55pm 616 Hamilton Hall	Gabriela Badea	3	10/18

FREN W3334 Introduction to Literary Studies II. 3 points.

Prerequisites: FREN 3405 (Advanced Grammar and Composition) or an AP score of 5 or the permission of the instructor.

Enrollment limited to 20. Reading and discussion of major works from 1750 to the present.

Fall 2014: FREN W3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3334	001/76217	T Th 10:10am - 11:25am A-36 Union Theological Seminary	Vincent Debaene	3	15/20

Spring 2015: FREN W3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3334	001/67566	T Th 10:10am - 11:25am 507 Philosophy Hall	Vincent Debaene	3	13/18

FREN W3420 Introduction to French and Francophone Studies, I. 3 points.

Prerequisites: FREN 3405 (Advanced Grammar and Composition) or an AP score of 5 or the permission of the Director of Undergraduate Studies' permission.

Examines conceptions of culture and civilization in France from the Enlightenment to the Exposition Coloniale of 1931, with an emphasis on the historical development and ideological foundations of French colonialism. Authors and texts include: the Encyclopédie; the Déclaration des droits de l'homme et du citoyen; the Code noir; Diderot;

Chateaubriand; Tocqueville; Claire de Duras; Renan; Gobineau; Gauguin; Drumont.

Fall 2014: FREN W3420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3420	001/28251	T Th 11:40am - 12:55pm 716 Hamilton Hall	Emmanuel Saada	13/20	

FREN W3421 Introduction to French and Francophone Studies II. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: Literature (LIT).

Prerequisites: Satisfaction of French language requirement or permission of the instructor.

Universalism vs. exceptionalism, tradition vs. modernity, integration and exclusion, racial, gender, regional and national identities will be considered in this introduction to the contemporary French speaking world in Europe, the Americas and Africa. Authors include Aimé Césaire, Léopold Senghor, Maryse Condé, and Frantz Fanon.

Spring 2015: FREN W3421

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3421	001/09044	M W 2:40pm - 3:55pm 307 Milbank Hall	Kaia Glover	3	27

FREN W3503 Enlightenment/Counter-Enlightenment. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Completion of French W3333 or W3334 and W3405, or permission of the Director of Undergraduate Studies

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 W3517 Montaigne, Descartes, Pascal. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: FREN W3333-W3334 or the permission of the director of undergraduate studies or the instructor
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 W3520 The Avant-Gardes in France. From Baudelaire to Situationism.. 0 points.
Not Offered During 2014-15 Academic Year.

In this course, we will study the main movements of 19th and 20th-century literary history: symbolism, modernism, dada, surrealism, existentialism, Nouveau Roman, situationism... We will pay particular attention to the emergence of the notion of avant-garde and to its theoretical implications. Although centered on literature, the course will also consider some musical and visual pieces (paintings, collages, sculptures, photographs, short films...).

FREN W3529 French Theater in Performance. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Advanced coursework in French (3405, 3333, 3334 or the equivalent)

This course will combine reading, interpretation and performance of a small selection of short French plays from the eighteenth and nineteenth centuries, in preparation for a public performance at Columbia University's Maison Française at the end of the semester. Class size is limited to 15, and students must have done advanced coursework in French (3405, 3333, 3334 or the equivalent) to register for the course.

FREN W3544 French Lyric Poetry. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: FREN W3333-W3334 or the permission of the director of undergraduate studies or the instructor.

A study of lyric poetry from the Middle-Ages to the Nineteenth Century, with a focus on the changing uses of poetic form. Authors include Charles d'Orléans, Christine de Pizan, Voiture, Musset, Banville, Hugo.

FREN W3600 France, Past and Present. An Introduction to French Civilization.. 3 points.

Prerequisites: French W3333 or W3334 and W3405, or the permission of the director of undergraduate studies.
Based on readings of short historical sources, the course will provide an overview of French political and cultural history since 1700

Spring 2015: FREN W3600

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3600	001/70703	T Th 11:40am - 12:55pm 303 Hamilton Hall	Emmanuel Saada	24	

FREN W3603 Sexual Enlightenment. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: FREN W3333-W3334 or the instructor's permission.

This course explores the relationship between sex and knowledge in literary and philosophical works of the French Enlightenment. Authors include Montesquieu, Crébillon,

Buffon, Condillac, Diderot, Bernardin de Saint-Pierre, Laclos and Sade. The course fulfills the pre-1800 requirement for the French major.

FREN W3640 Poesie Francophone d'Afrique et des Antilles 1890-1970. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Prerequisites: French W3333-W3334 or the permission of the director of undergraduate studies or the instructor.

This class is devoted to an understudied aspect of Francophone literature, namely the wide corpus of poetry written in French in Africa and the Caribbean, until (and including) decolonization. We will close-read poems, insisting on the basic tools required to do so and on the history of poetic forms (e.g. what are the differences between *vers libre*, *verset*, *poème en prose*?), and we will explore notions such as exoticism, automatism, avant-garde or anthology. The ultimate goal is to reflect on the practice of writing and reading poetry in the context of a structural imbalance between center and periphery. The course is taught in French and the readings will be in French.

FREN W3666 Moliere. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Completion of FREN W3333 or W3334 and W3405, or permission of the director of undergraduate studies.

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.

Prerequisites: Completion of French W3333 or W3334 and W3405, or permission of the Director of Undergraduate Studies

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 W3672 Surrealism. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: FREN W3333-W3334 or the permission of the director of undergraduate studies or the instructor

Study of one of the main movements of 20th-century literary history, and art history in general. We will pay particular attention to the evolution of surrealism and to its theoretical

implications on such key notions as: the notion of author, of avant-garde, of automatism, of image or of work of art. Although centered on literature, the course will also consider some visual pieces (paintings, collages, sculptures, photographs, short films...).

FREN W3695 The French Philosophical Tradition. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA).

Not Offered During 2014-15 Academic Year.

Prerequisites: French W3333-W3334 or the permission of the director of undergraduate studies or the instructor.

A study of the French philosophical tradition from Montaigne to Derrida, with an emphasis on moral and political philosophy. Readings also include Descartes, Pascal, La Rochefoucauld, Voltaire, Rousseau, Tocqueville, Renan, and Ricœur.

FREN W3766 Transcribing/Writing Tales in Africa. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: W3333-W3334 or the permission of the Director of Undergraduate Studies or the Instructor. 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). The 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 W3820 The Author as Lawbreaker. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: FREN W3333-W3334 or the permission of the director of undergraduate studies or the instructor

A study of writers presenting themselves as "bad boys" or outcasts from the Middle-Ages to the Twentieth Century. Authors include Rutebeuf, Villon, Tristan l'Hermite, Rimbaud, Vallès, Genet, Sagan.

SENIOR SEMINAR AND SENIOR THESIS

FREN W3995 Senior Seminar. 3 points.

Prerequisites: Completion of either FREN W3333-W3334 or FREN W3420-W3421, and W3405, or permission of the director of undergraduate studies or the instructor. 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.

Required of all French 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 2014: FREN W3995

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3995	001/18647	T 4:10pm - 6:00pm 507 Philosophy Hall	Antoine Compagnon	3	12

FREN W3996 Senior Tutorial in French Literature. 3 points.

Prerequisites: the permission of the director of undergraduate studies.

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 within the areas of French language, literature, or intellectual history.

Fall 2014: FREN W3996

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3996	001/25957		Vincent Debaene	3	1/18

Spring 2015: FREN W3996

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FREN 3996	001/60840		Vincent Debaene	3	2

GERMANIC LANGUAGES

Departmental Office: 414 Hamilton; 212-854-3202
<http://www.columbia.edu/cu/german/>

Director of Undergraduate Studies: Prof. Tobias Wilke, 412 Hamilton; 212-854-5344; tw2284@columbia.edu

Language Instruction: Prof. Richard Korb, 404A Hamilton; 212-854-2070; rak23@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 program in Yiddish studies offers a track in both the undergraduate major and concentration, in addition to graduate studies leading to the Ph.D. The graduate program is considered one of the world's most important, with its graduates holding many of the major university positions in the field. 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.

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. 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 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 GERM V1101 Elementary German Language Course, I- GERM V1102 Elementary German Language Course, II sequence, 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 elementary German II, students are able to write descriptions, comparisons, and creative stories, and to discuss general information about the German-speaking countries.

Intermediate German GERM V1201 Intermediate German I- GERM V1202 Intermediate German Language Course, 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 V3001 Advanced German, I- *GERM V3002 Advanced German II: Vienna*), on specific cultural areas (e.g., GERM W3220 Berlin: Past and Present [In German], or GERM W4090 German for International and Public Affairs [In German]), and on literary, historical, and philosophical areas in literature-oriented courses (GERM W3333 Introduction To German Literature [In German]).

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT IN GERMAN

Courses: GERM V1101 Elementary German Language Course, I- GERM V1102 Elementary German Language Course, II and GERM V1201 Intermediate German I- GERM V1202 Intermediate German Language Course, 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 V1201 Intermediate German I- GERM V1202 Intermediate German Language Course, II may take GERM V1125 Accelerated Elementary German I & II as preparation for GERM V1201 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 Office of Global Programs (<http://www.ogp.columbia.edu>) , or consult the program office in 606 Kent Hall; 212-854-2559; berlin@columbia.edu .

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, or consult the program 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. The library contains a large collection of modern German books and a selection of current German periodicals. 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 the graduating majors in the department each year may receive departmental honors. For the requirements for departmental honors, see the director of undergraduate studies.

FACULTY PROFESSORS

- Mark Anderson
- Stefan Andriopoulos
- Jeremy Dauber
- Andreas Huyssen
- Harro Müller
- Dorothea von Mücke (Chair)

ASSOCIATE PROFESSOR

- Oliver Simons

ASSISTANT PROFESSOR

- Tobias Wilke

SENIOR LECTURERS

- Richard Korb
- Jutta Schmiere-Heller

LECTURERS

- Wijnie de Groot (Dutch)
- Tiina Haapakoski (Finnish)
- Agnieszka Legutko (Yiddish)

REQUIREMENTS

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.

A minimum of 30 points is required, distributed as follows:

GERM V3001 Advanced German, I
or GERM V3002 Advanced German II: Vienna

GERM W3333 Introduction To German Literature [In German]

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 W3443 Romanticism, Revolution, Realism [In German]

GERM W3444 Decadence, Modernism, Exile [In German]

GERM W3445 German Literature After 1945 [In German]

One course in German intellectual history

GERM C3991 Senior Seminar [in German] (required of all majors in their senior year, but may also be taken as a seminar by juniors)

The remaining courses to be chosen from the 3000- or 4000-level offerings in German and Comparative Literature–German

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 TRACK IN YIDDISH STUDIES

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 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. Students should plan their program of study with the director of undergraduate studies as early as possible.

A minimum of 30 points is required distributed as follows:

1. At least three courses of intermediate/advanced language study
2. Two courses in Yiddish literature, at least one of which is not taught in translation
3. One course in the senior seminar or independent study
4. Four related courses, at least one of which is in medieval or modern Jewish history

A senior thesis is required for the track 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.

CONCENTRATION IN GERMAN LITERATURE AND CULTURAL HISTORY

A minimum of 21 points in German courses numbered GERM V3001 Advanced German, I and above, including the senior seminar *GERM C3991 Senior Seminar [in German]*, which may be taken in the junior or senior year.

CONCENTRATION TRACK IN YIDDISH STUDIES

A minimum of 24 points distributed as follows:

1. At least three courses of beginning/intermediate language study
2. Two courses in Yiddish literature
3. Three related courses, at least one of which is in medieval or modern Jewish history

COURSES COMPARATIVE LITERATURE- GERMAN

CLGR W4207 Aesthetics Under Siege: the Frankfurt School. 3 points.

This lecture course works with an expanded notion of the Frankfurt School. The central figures treated are Siegfried Kracauer, Walter Benjamin, and Theodor W. Adorno, but readings also include György Lukács, Ernst Bloch,

Bertolt Brecht, and some others. It focuses on aesthetic and political issues in high and mass culture debates in Europe, the Soviet Union, and the U.S. in the inter-war period and post-1945. All readings will be contextualized in relationship to modernism and modernization, Marxism and National Socialism in the first half of the past century. Metropolitan modernism, realism, the historical avant-garde, and mass media culture will be recurring themes throughout the semester, which ends with a coda on the culture of the Cold War.

Fall 2014: CLGR W4207

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLGR 4207	001/20411	M W 4:10pm - 5:25pm 516 Hamilton Hall	Andreas Huyssen	3	30

CLGR G4275 Photography and Narration in the 20th Century. 0 points.

This course will explore the manifold relations between the medium of photography and forms of literary narration throughout the 20th century. It will trace the ways in which the reflection on, and the use of, photographic images informs the work of seminal modernist and post-modernist writers like Franz Kafka, Walter Benjamin, André Breton, Günter Grass, Roland Barthes, Thomas Bernhard, W.G. Sebald, and Marcel Beyer, in order to address questions like the following: the relationship between narrative perspectives and photographic ways of seeing; the function of the photographic album as a model for literary childhood narratives; the textual negotiation of photography's semiotic status as an "index" of reality; and the role of memory, history, and the photographic imagination in the context of fictional (auto-)biographies. All readings and discussions will be in English.

Fall 2014: CLGR G4275

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLGR 4275	001/87896	Th 2:10pm - 4:00pm 402 Hamilton Hall	Tobias Wilke	0	14

DUTCH

DTCH W1101 Elementary Dutch. 4 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 2014: DTCH W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 1101	001/14527	T Th 6:10pm - 8:00pm 1 Deutsches Haus	Wijnie de Groot	4	13/18

DTCH W1102 Elementary Dutch. 4 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 2015: DTCH W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 1102	001/29262	T Th 6:10pm - 8:00pm 1 Deutsches Haus	Wijnie de Groot, Stephane Charitos	4	11/20

DTCH W1201 Intermediate Dutch. 4 points.

Prerequisite: *DTCH W1101-W1102* 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 2014: DTCH W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 1201	001/66910	T Th 4:10pm - 6:00pm 352b International Affairs Bldg	Wijnie de Groot	4	7/18

DTCH W1202 Intermediate Dutch. 4 points.

Prerequisite: *DTCH W1101-W1102* 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 2015: DTCH W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 1202	001/68999	T Th 4:10pm - 6:00pm 352b International Affairs Bldg	Wijnie de Groot, Stephane Charitos	4	8/20

DTCH W3101 Advanced Dutch. 3 points.

Fall 2014: DTCH W3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3101	001/25454	M 2:40pm - 5:10pm 351c International Affairs Bldg	Wijnie de Groot	3	4/18

DTCH W3102 Advanced Dutch. 3 points.

Spring 2015: DTCH W3102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment

DTCH 3102	001/99785 F 11:30am - 2:25pm 351c International Affairs Bldg	Wijnie de Groot, Stephane Charitos	3	3/20
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DTCH W3994 Special Reading Course. 1 point.

Spring 2015: DTCH W3994

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
DTCH 3994	001/19851 F 10:10am - 11:25am 1 Deutsches Haus		Wijnie de Groot	1	4

FINNISH

FINN W1101 Elementary Course. 4 points.

Fundamentals of grammar and lexicon. Building proficiency in aural comprehension, reading, speaking, and writing. Linguistic structures in the cultural context.

Fall 2014: FINN W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1101	001/60555 M W 6:10pm - 8:00pm 1 Deutsches Haus		Tiina Haapakoski	4	3/18

FINN W1102 Elementary Course. 4 points.

Fundamentals of grammar and lexicon. Building proficiency in aural comprehension, reading, speaking, and writing. Linguistic structures in the cultural context.

Spring 2015: FINN W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1102	001/18436 M W 6:10pm - 8:00pm 1 Deutsches Haus		Tuomas Hiltunen	4	2/20

FINN W1201 Intermediate Course. 4 points.

Prerequisites: *FINN W1101-W1102* or the instructor's permission.

Continued practice in aural comprehension, reading, speaking, and writing; review and refinement of grammatical structures; vocabulary building. Readings include Finnish fiction and nonfiction.

Fall 2014: FINN W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
FINN 1201	001/10392 T Th 12:10pm - 2:00pm 1 Deutsches Haus		Tiina Haapakoski	4	2/18

FINN W1202 Intermediate Course. 4 points.

Prerequisites: *FINN W1101-W1102* or the instructor's permission.

Continued practice in aural comprehension, reading, speaking, and writing; review and refinement of grammatical structures;

vocabulary building. Readings include Finnish fiction and nonfiction.

GERMAN

GERM V1101 Elementary German Language Course, I. 4 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. Daily assignments and laboratory work.

Fall 2014: GERM V1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1101	001/66171 T Th F 10:10am - 11:25am 313 Hamilton Hall		Alex Holt	4	15/18
GERM 1101	002/22025 M W F 1:10pm - 2:25pm 315 Hamilton Hall		Simona Vaidean	4	15/18
GERM 1101	003/20698 T Th F 2:40pm - 3:55pm 313 Hamilton Hall		Erin Moir	4	12/18
GERM 1101	004/24755 T Th 6:10pm - 8:00pm 313 Hamilton Hall		Tomasz Kurianowicz	4	15/18
GERM 1101	005/26550 M W F 1:10pm - 2:25pm 316 Hamilton Hall		Diana Reese	4	13/18

Spring 2015: GERM V1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1101	001/70215 T Th F 10:10am - 11:25am 315 Hamilton Hall		Viola Huang	4	13/18
GERM 1101	002/15509 M W F 1:10pm - 2:25pm 318 Hamilton Hall		Alex Holt	4	14/18
GERM 1101	003/28188 T Th F 2:40pm - 3:55pm 315 Hamilton Hall		Erin Moir	4	8/18
GERM 1101	004/70955 T Th 6:10pm - 8:00pm 315 Hamilton Hall		Tomasz Kurianowicz	4	14/18
GERM 1101	005/62097 T Th 6:10pm - 8:00pm 318 Hamilton Hall		Diana Reese	4	10/18

GERM V1102 Elementary German Language Course, II. 4 points.

Prerequisites: Prerequisite: *GERM V1101* or the equivalent. Students expand their communication skills to include travel, storytelling, personal well-being, basic economics, and recent historical events. Daily assignments and laboratory work.

Fall 2014: GERM V1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1102	001/71615 T Th F 10:10am - 11:25am 315 Hamilton Hall		Alyssa Greene	4	7/18
GERM 1102	002/28445 M W F 1:10pm - 2:25pm 201 Deutsches Haus		Neil Ziolkowski	4	6/18

GERM 1102	003/17612	T Th F 2:40pm - 3:55pm	Viola Huang	4	6/18
		315 Hamilton Hall			
GERM 1102	004/29803	T Th 6:10pm - 8:00pm	Michael Watzka	4	8/18
		315 Hamilton Hall			

Spring 2015: GERM V1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1102	001/68736	T Th F 10:10am - 11:25am 313 Hamilton Hall	Richard Korb	4	16/18
GERM 1102	002/22814	M W F 1:10pm - 2:25pm 315 Hamilton Hall	Diana Reese	4	18/18
GERM 1102	003/65263	T Th F 2:40pm - 3:55pm 313 Hamilton Hall	Neil Ziolkowski	4	12/18
GERM 1102	004/19101	T Th 6:10pm - 8:00pm 313 Hamilton Hall	Michael Watzka	4	16/18

GERM V1125 Accelerated Elementary German I & II. 8 points.

No prerequisites. Equivalent to German V1101 and V1102. This intensive semester provides all of elementary German enabling students to understand, speak, read, and write in German. Topics range from family and studies to current events. Conducted entirely in German, requirements include oral and written exams, essays, German-culture projects, and a final exam.

Fall 2014: GERM V1125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1125	001/10231	M T W Th 12:10pm - 2:00pm 313 Hamilton Hall	Richard Korb	8	13/18

Spring 2015: GERM V1125

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1125	001/16096	M T W Th 12:10pm - 2:00pm 313 Hamilton Hall	Simona Vaidean	8	10

GERM V1201 Intermediate German I. 4 points.

Prerequisites: GERM V1102 or the equivalent. Complete grammar review through regular exercises. Wide range of texts are used for close and rapid reading and writing exercises. Practice in conversation aims at enlarging the vocabulary necessary for daily communication.

Fall 2014: GERM V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1201	001/91496	T Th F 10:10am - 11:25am 318 Hamilton Hall	Tabea Weitz	4	8/18
GERM 1201	002/04610	T Th F 11:40am - 12:55pm 203 Diana Center	Foteini Samartzi	4	6/18

GERM 1201	003/09865	T Th F 1:10pm - 2:25pm	Irene Motyl	4	10/18
		327 Milbank Hall			
GERM 1201	004/14094	T Th 6:10pm - 8:00pm	Hannes Bajohr	4	13/18
		316 Hamilton Hall			

Spring 2015: GERM V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1201	001/68467	T Th F 10:10am - 11:25am 404 Hamilton Hall	Tabea Weitz	4	5/18
GERM 1201	002/76114	T Th F 1:10pm - 2:25pm 316 Hamilton Hall	Richard Korb	4	13/18
GERM 1201	003/62231	T Th F 2:40pm - 3:55pm 407 Hamilton Hall	Jutta Schmiers-Heller	4	10/18

GERM V1202 Intermediate German Language Course, II. 4 points.

Prerequisites: *GERM V1201* or the equivalent. Recommended parallel: *GERM W1522*. Students read a German novel. Intermediate-high to advanced-low proficiency in speaking, listening, reading, and writing German is expected upon completion. Daily assignments, video material, and laboratory work.

Fall 2014: GERM V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1202	001/62971	M W F 10:10am - 11:25am 317 Hamilton Hall	Simona Vaidean	4	6/18
GERM 1202	002/63297	T Th F 1:10pm - 2:25pm 407 Hamilton Hall	Jutta Schmiers-Heller	4	6/20
GERM 1202	003/27335	T Th 6:10pm - 8:00pm 318 Hamilton Hall	Maria Grewe	4	12/18

Spring 2015: GERM V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1202	002/04329	T Th F 1:10pm - 2:25pm 407 Hamilton Hall	Jutta Schmiers-Heller	4	13/18
GERM 1202	003/23166	T Th 6:10pm - 8:00pm 316 Hamilton Hall	Hannes Bajohr	4	18/18

GERM V1225 Accelerated Intermediate German I, II. 8 points.

Prerequisites: GERM V1102 Elementary II Accelerated language study as preparation for Study Abroad in Berlin.

Spring 2015: GERM V1225

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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GERM 1225	001/09862 M T W Th 12:10pm - 2:00pm	Irene Motyl	8	5
	207 Milbank Hall			

GERM V3001 Advanced German, I. 3 points.

Prerequisites: Prerequisite: *GERM V1202* or the permission of the director of undergraduate studies.

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.

Fall 2014: GERM V3001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3001	001/63730 T Th 11:40am - 12:55pm	316 Hamilton Hall	Jutta Schmiers-Heller	3	19/18

GERM V3002 Advanced German II: Vienna. 3 points.

Corequisites: Course either taken before or after GERM V3001.

Intensive practice in oral and written German. Discussions, oral reports, and weekly written assignments, based on material of topical and stylistic variety taken from German press and from literary sources.

Spring 2015: GERM V3002

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3002	001/07100 T Th 4:10pm - 5:25pm	302 Milbank Hall	Irene Motyl	3	14/18

GERM W1521 Intermediate Conversation, I. 2 points.

Prerequisites: Prerequisite: *GERM V1102* or the equivalent, or placement by the director of undergraduate studies.

Highly recommended parallel course to *GERM V1201*.

Practice in idiomatic conversational German through discussion of a wide variety of topics.

Fall 2014: GERM W1521

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1521	001/75434 M W 4:10pm - 5:25pm	313 Hamilton Hall	Michael Swellander	2	12/18

Spring 2015: GERM W1521

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1521	001/27661 M W 2:40pm - 3:55pm	313 Hamilton Hall	Alyssa Greene	2	10/18

GERM W1522 Intermediate Conversation, II. 2 points.

Prerequisites: Prerequisite: *GERM V1201* or the equivalent, or placement by director of undergraduate studies.

Highly recommended parallel course to *GERM V1202*. Practice in idiomatic conversational German through discussion of a wide variety of topics.

Spring 2015: GERM W1522

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 1522	001/16732 T Th 11:40am - 12:55pm	316 Hamilton Hall	Michael Swellander	2	11/18

GERM W3333 Introduction To German Literature [In German]. 3 points.

Prerequisites: *GERM V1202* 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 2014: GERM W3333

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3333	001/74063 T Th 1:10pm - 2:25pm	315 Hamilton Hall	Dorothea von Muecke	3	9

Spring 2015: GERM W3333

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3333	001/67014 T Th 2:40pm - 3:55pm	316 Hamilton Hall	Oliver Simons	3	10

GERM W3442 Enlightenment, Sturm und Drang (In German). 3 points.

Readings and discussions in German.

Fall 2014: GERM W3442

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3442	001/69308 M W 1:10pm - 2:25pm	318 Hamilton Hall	Oliver Simons	3	8

GERM W3445 German Literature After 1945 [In German]. 3 points.

Prerequisite: GERM W3333 or the permission of the departmental representative or the instructor. A survey of major literary texts of postwar Germany, including the so-called "rubble" literature, Group 47, GDR, New Subjectivity, minority voices and Holocaust memory. Works by Celan, Sachs, Dürrenmatt, Böll, Bachmann, Th. Bernhard, Wolf, P. Schneider, Schlink, Sebald.

Spring 2015: GERM W3445

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment

GERM 001/68248 M W 10:10am - 11:25am Tobias 3 11
3445 315 Hamilton Hall Wilke

GERM C3991 Senior Seminar [in German]. 3 points.

Required of all German majors in their senior year.
Lectures and readings in German. Prerequisites: one of the Introduction to German literature courses and one upper-level literature course, or the instructor's permission.

Spring 2015: GERM C3991

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
GERM 3991	001/24017	W 2:10pm - 4:00pm 406 Hamilton Hall	Tobias Wilke	3	10/11

SWEDISH

SWED W1101 Elementary Swedish. 4 points.

Instruction in speaking, reading, and writing basic Swedish. Ample practice in pronunciation and key conversation patterns. Examination of links between the language and the culture(s) in which Swedish is spoken.

Fall 2014: SWED W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 1101	001/16539	M W 8:10am - 10:00am 404 Hamilton Hall	Ralitsa Lazarova	4	3/18

SWED W1102 Elementary Swedish. 4 points.

Instruction in speaking, reading, and writing basic Swedish. Ample practice in pronunciation and key conversation patterns. Examination of links between the language and the culture(s) in which Swedish is spoken.

Spring 2015: SWED W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 1102	001/11007	M W 8:00am - 10:00am 404 Hamilton Hall	Ralitsa Lazarova	4	3/20

SWED W1201 Intermediate Swedish. 3 points.

Development of basic speaking, reading, and writing skills in Swedish through study and analysis of literary texts and newspaper articles, supplemented by videos and films. Through discussion and writing assignments, students gain an appreciation of contemporary Swedish culture in its Scandinavian and European setting.

Fall 2014: SWED W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 1201	001/27798	M W 10:10am - 12:00pm 404 Hamilton Hall	Ralitsa Lazarova	3	2/18

SWED W1202 Intermediate Swedish. 3 points.

Development of basic speaking, reading, and writing skills in Swedish through study and analysis of literary texts and newspaper articles, supplemented by videos and films. Through discussion and writing assignments, students gain an appreciation of contemporary Swedish culture in its Scandinavian and European setting.

Spring 2015: SWED W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SWED 1202	001/16379	M W 10:10am - 12:00pm 404 Hamilton Hall	Ralitsa Lazarova	3	2/20

YIDDISH

YIDD W1101 Elementary Yiddish. 4 points.

This year-long course offers an introduction to the language spoken by the Ashkenazi Jews and an opportunity to discover a wonderful world of Yiddish literature, language and culture. 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. We will also venture outside the classroom to explore the Yiddish world today: through exciting field trips to Yiddish theater, Yiddish-speaking neighborhoods, Yiddish farm, and so on. Welcome to Yiddishland!

Fall 2014: YIDD W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1101	001/12098	M W 2:10pm - 4:00pm 404 Hamilton Hall	Agnieszka Legutko	4	6/18

Spring 2015: YIDD W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1101	001/61549	M W 2:10pm - 4:00pm 404 Hamilton Hall	Joshua Price	4	5

YIDD W1102 Elementary Yiddish. 4 points.

This year-long course offers an introduction to the language spoken by the Ashkenazi Jews and an opportunity to discover a wonderful world of Yiddish literature, language and culture. 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. We will also venture outside the classroom to explore the Yiddish world today: through exciting field trips to Yiddish theater, Yiddish-speaking neighborhoods, Yiddish farm, and so on. Welcome to Yiddishland!

Spring 2015: YIDD W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment

YIDD 001/26700 M W 10:10am - 12:00pm Agnieszka 4 4/18
1102 408 Hamilton Hall Legutko

YIDD W1201 Intermediate Yiddish. 4 points.

Prerequisites: *YIDD W1101-W1102* 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!

Fall 2014: YIDD W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 1201	001/62819	M W 9:00am - 10:50am 406 Hamilton Hall	Agnieszka Legutko	4	4/18

YIDD W1202 Intermediate Yiddish. 4 points.

Prerequisites: *YIDD W1101-W1102* 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!

YIDD W3800 Readings in Yiddish Literature [In English]. 3 points.

This course examines a topic in Yiddish literature.

Fall 2014: YIDD W3800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
YIDD 3800	001/26048	M 4:10pm - 6:00pm 309 Hamilton Hall	Jeremy Dauber	3	4

OF RELATED INTEREST

German (Barnard)

GERM BC3010	Current Issues: Media and Politics in Germany and Austria
GERM BC3224	Germany's Traveling Cultures
GERM BC3225	Germany's Traveling Cultures

HISTORY

Departmental Office: 413 Fayerweather; 212-854-4646
<http://www.history.columbia.edu>

Director of Undergraduate Studies: Prof. Caterina Pizzigoni,
 321 Fayerweather; 212-854-8709; cp2313@columbia.edu

Undergraduate Administrator: KC Fisher,
kcf2115@columbia.edu

The history curriculum covers most areas of the world and most periods of written 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 degree 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 (<http://www.history.columbia.edu>).

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, the student must have a grade point average 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 the graduating majors each year may receive departmental honors.

COURSE NUMBERING

Courses are numbered by type and field:

1000-level: Introductory survey lecture

3000-level: Lecture

4000-level: Undergraduate seminar

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 trans-national

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 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 (<http://www.history.columbia.edu>) .

FACULTY PROFESSORS

- Charles Armstrong
- Volker Berghahn
- Richard Billows
- Elizabeth Blackmar
- Casey Blake
- Alan Brinkley
- Christopher Brown
- Richard Bulliet
- Elisheva Carlebach
- Mark Carnes (Barnard)
- John Coatsworth (School of International and Public Affairs)
- Matthew Connelly
- Victoria de Grazia
- Mamadou Diouf (Middle Eastern, South Asian, and African Studies)
- Barbara Fields
- Eric Foner
- Carol Gluck
- William Harris
- Martha Howell
- Robert Hymes (East Asian Language and Cultures)
- Kenneth Jackson
- Karl Jacoby
- Matthew Jones
- Ira Katznelson (Political Science)
- Joel Kaye (Barnard)
- Alice Kessler-Harris
- Rashid Khalidi
- Dorothy Ko (Barnard)
- Adam Kosto
- William Leach
- Gregory Mann
- Mark Mazower
- Robert McCaughey (Barnard)
- Jose Moya (Barnard)
- Mae Ngai
- Susan Pedersen
- Pablo Piccato
- Rosalind Rosenberg (Barnard)

- David Rosner (Public Health)
- David Rothman (Medicine)
- Simon Schama (University Professor)
- Seth Schwartz
- Herbert Sloan (Barnard)
- Pamela Smith (Acting Chair)
- Robert Somerville (Religion)
- Michael Stanislawski
- Anders Stephanson
- Lisa Tiersten (Barnard)
- Deborah Valenze (Barnard)
- Marc Van de Mieroop
- Madeleine Zelin (East Asian Languages and Cultures)

ASSOCIATE PROFESSORS

- Lisbeth Kim Brandt (East Asian Languages and Cultures)
- Marwa Elshakry
- Rebecca Kobrin
- Eugenia Lean (East Asian Languages and Cultures)
- Feng Li (East Asian Languages and Cultures)
- David Lurie (East Asian Languages and Cultures)
- Malgorzata Mazurek
- Nara Milanich (Barnard)
- Celia Naylor (Barnard)
- Gregory Pflugfelder (East Asian Languages and Cultures)
- Christine Philiou
- Caterina Pizzigoni
- Anupama Rao (Barnard)
- Samuel Roberts
- Neslihan Senocak
- Carl Wennerlind (Barnard)

ASSISTANT PROFESSORS

- Manan Ahmed
- Tarik Amar
- Gergely Baics
- Charly Coleman
- Elizabeth Esch (Barnard)
- Abosede George (Barnard)
- Hilary-Anne Hallett
- Natasha Lightfoot
- Rhiannon Stephens
- Gray Tuttle (East Asian Languages and Cultures)
- Emma Winter

ON LEAVE

- Profs. Billows, Connelly, Jacoby, Piccato, Stephanson, Stephens, Winter (*2014-2015*)
- Profs. Brinkley, Senocak (*Fall 2014*)

- Profs. Brown, Gluck, Howell, Khalidi (*Spring 2015*)

REQUIREMENTS

MAJOR IN HISTORY

Students must complete a minimum of 29 points in the department, of which 13 or more points must be in an area of specialization. Students must fulfill a breadth requirement by taking three courses outside of their own specialization. The breadth requirement itself has two parts, time and space, which are explained below. Two of the courses taken in the major must be seminars, at least one of which must be in the area of specialization. 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-century U.S. history, European diplomatic history, ancient 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 far removed in time and two removed in space.
 - Time: majors must take at least one course removed in time from their specialization. Any students specializing in the modern period must take one course specifically covering the pre-modern period (before 1750) and students specializing in a pre-modern field must take at least one course in the modern period.
 - Space: majors must take two additional courses in a regional field or fields not their own (of which one is in a hemisphere distinct from that of the specialization). Students specializing in Europe or the Americas must take one of their breadth courses in either Asia, the Middle East, or Africa, and vice versa.

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-century U.S. history and takes the class *World War II*, the class is too close to the specialization and may not count as a breadth course in Asian or European history.

All courses in the Barnard History Department as well as certain courses in East Asian Languages and Cultures; Middle Eastern, South Asian, and African Studies; and select other

departments count toward the major. These courses are listed under the courses tab in the History Department section of the on-line Bulletin. Other courses, however historical in approach or content, do not count toward the history major or concentration, except with explicit written approval of the UNDED chair.

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

The yearlong HIST C4398 Senior Thesis Seminar-HIST C4399 Senior Thesis Seminar carries 8 points, 4 of which typically count as a seminar in the specialization. Students are encouraged to take HIST W4900 Historian's Craft for a more intensive study of historiography. HIST W4900 Historian's Craft does not count toward the specialization or toward the breadth requirements. For the most up-to-date information on the field designations for history courses, please see the Courses section of the department website.

CONCENTRATION IN HISTORY

Students must complete a minimum of 21 points in history, with 9 points in an area of specialization; one course far removed in time; and one course on a geographic region far

removed in space. There is no seminar requirement for the concentration.

ADDITIONAL INFORMATION

For detailed information about the history major or concentration, as well as the policies and procedures of the department, please refer to the department's Undergraduate Handbook.

COURSES

FALL 2014

HIST W1010 The Ancient Greeks 800-146 B.C.E.. 3 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 2014: HIST W1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1010	001/69269	T Th 6:10pm - 7:25pm 313 Fayerweather	Daniel Tober	3	23/95

HIST W1061 Introduction to the Early Middle Ages: 250-1050. 3 points.

Introduction to the Mediterranean world and northern Europe from the Late Roman Empire to the Eleventh Century through the study of medieval texts in translation. Topics include: interaction of peoples; byzantium and Islam; conversion; Charlemagne and the birth of Europe; the year 1000. *Field(s): MED*

Fall 2014: HIST W1061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1061	001/25472	M W 10:10am - 11:25am 313 Fayerweather	Adam Kosto	3	29

ASCE V2361 Introduction to East Asian Civilization: Japan. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

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 2014: ASCE V2361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2361	001/26959	M W 4:10pm - 5:25pm 501 Northwest Corner	David Lurie	4	95/110

ASCE 2361	001/26959	M W 4:10pm - 5:25pm 501 Northwest Corner	David Lurie	4	95/110
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Spring 2015: ASCE V2361

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2361	001/27629	M W 4:10pm - 5:25pm 517 Hamilton Hall	Gregory Pflugfelder	4	72/95

ASCE V2363 Introduction to East Asian Civilizations: Korea. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

The evolution of Korean society and culture, with special attention to Korean values as reflected in thought, literature, and the arts.

Fall 2014: ASCE V2363

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2363	001/19893	M W 10:10am - 11:25am 501 Schermerhorn Hall	Charles Armstrong	4	81

ASCE V2365 Introduction to East Asian Civilizations: Tibet. 4 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 2014: ASCE V2365

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCE 2365	001/10526	T Th 1:10pm - 2:25pm 614 Schermerhorn Hall	Gray Tuttle	4	80/105

HIST W3026 Roman Social History. 3 points.

Social structure, class, slavery and manumission, social mobility, life expectation, status and behavior of women, Romanization, town and country, social organizations, education and literacy, philanthropy, amusements in the Roman Empire, 70 B.C. - 250 A.D. *Field(s): *ANC*

Fall 2014: HIST W3026

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3026	001/72238	M W 2:40pm - 3:55pm 516 Hamilton Hall	William Harris	3	13

HSME W3151 Introduction to African History Part 1: Before 1850. 3 points.

This course explores some of the main historical developments on the African continent from the early prehistory of humans to the eve of Europe's second great wave of empire when Africans across most of the continent became the subjects of European colonies. The course will explore several important themes, focusing on the racial, cultural, linguistic and historical diversity that characterized the African continent. This course will focus on a number of different sources used by historians – such as archeological evidence, oral testimonies, written texts and historical linguistics – to explore the early history of the African continent. The course will be organized around lectures, readings and discussion sections. Extracts from films about Africa will also be presented throughout the course. Through analysis of these different types of sources, this course hopes to help students establish a deeper understanding of the complicated forces, institutions, and processes that underlay the experiences of Africans and the African continent before 1850.

Fall 2014: HSME W3151

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HSME 3151	001/91352	M W 11:40am - 12:55pm 522a Kent Hall	Mamadou Diouf	3	8

HIST W3231 Russia and the Soviet Union in the 20th Century. 3 points.

The course offers an introduction into the history of Russia and the Soviet Union in the twentieth century. It combines lectures and discussion sections as well as survey texts and a selection of sources, including documents generated by state/party bodies, various documents produced by individual authors (especially diaries, letters, and memoirs), and some film materials. Putting the Soviet phenomenon into its wider intellectual, cultural, and geographical contexts, we will also address questions of modernity and modernization, socialism and communism, and authoritarian practices in politics, culture, and society. *Field(s): MEU*

Fall 2014: HIST W3231

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3231	001/24469	T Th 1:10pm - 2:25pm 516 Hamilton Hall	Tarik Amar	3	28

HIST W3330 Europe: from the Nazi New Order to the European Union. 3 points.

The history of Europe in the wider world from the Allies' victorious war against the Nazi New Order to the triumph of the European Union after the collapse of Soviet Empire. Lectures bring Eastern and Western Europe into one focus, to study the impact of the Cold War, the exit from colonial empire, Europe's "Economic Miracle, the sexual revolution,

Europe's slowdown after the 1970s Oil Shock, Euro-Reaganism, and the impact of globalization from the 1990s to the 2008 crisis. *Group(s): B Field(s): MEU*

Fall 2014: HIST W3330

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3330	001/21226	M W 2:40pm - 3:55pm 313 Fayerweather	Victoria De Grazia	3	17

HIST W3333 British Empire. 4 points.

This course surveys the history of the British Empire from its early modern origins to decolonization in the twentieth century, with particular emphasis on the "long nineteenth century"-the heyday of British imperial ideology and colonial expansion. The geographical reach of the course, like the empire itself, is broad, covering parts of Africa, the Americas, the Caribbean, South Asia and Australasia. While the course will often emphasize the ideological and material motivations for expansion, conquest, and colonization, close attention will be paid to the experience of, and resistance to, the Empire as well, on the part of both settler colonists and indigenous peoples throughout the "new worlds."

Fall 2014: HIST W3333

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3333	001/93302	M W 10:10am - 11:25am 516 Hamilton Hall	Rebecca Woods	4	14

HIST W3398 The Politics of Terror: The French Revolution. 3 points.

This course examines the political culture of eighteenth-century France, from the final decades of the Bourbon monarchy to the rise of Napoleon Bonaparte. Among our primary aims will be to explore the origins of the Terror and its relationship to the Revolution as a whole. Other topics we will address include the erosion of the king's authority in the years leading up to 1789, the fall of the Bastille, the Constitutions of 1791 and 1793, civil war in the Vendée, the militarization of the Revolution, the dechristianization movement, attempts to establish a new Revolutionary calendar and civil religion, and the sweeping plans for moral regeneration led by Robespierre and his colleagues in 1793-1794. *Field(s): MEU*

Fall 2014: HIST W3398

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3398	001/71770	T Th 4:10pm - 5:25pm 313 Fayerweather	Charly Coleman	3	32

HIST W3411 The Rise of American Capitalism. 3 points.

E-Commerce & Internet Technologies Track, Managing Emerging Technologies Track, Project Management Track, Discussion Section Required, Lab Required

Examines the social conflicts that accompanied the transformation of the United States from an agrarian republic and slave society to one of the most powerful industrial nations in the world. Particular attention will be paid to the building of new social and economic institutions and to cultural and visual representations of the nation and its people. Readings include major secondary works and primary documents. Formerly: American Society in the age of Capital, 1819-1897. *Field(s): US*

Fall 2014: HIST W3411

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3411	001/13662	T Th 2:40pm - 3:55pm 313 Fayerweather	Elizabeth Blackmar	3	27

HIST W3412 Revolutionary America, 1750-1815. 3 points.

This course examines the cultural, political, and constitutional origins of the United States. It covers the series of revolutionary changes in politics and society between the mid-18th and early 19th centuries that took thirteen colonies out of the British Empire and turned them into an independent and expanding nation. Starting with the cultural and political glue that held the British Empire together, the course follows the political and ideological processes that broke apart and ends with the series of political struggles that shaped the identity of the US. Using a combination of primary and secondary materials relating to various walks of life and experience from shopping to constitutional debates, students will be expected to craft their own interpretations of this fundamental period of American history. Lectures will introduce students to important developments and provide a framework from them to develop their own analytical skills. *Group(s): D Field(s): US*

Fall 2014: HIST W3412

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3412	001/60546	T Th 11:40am - 12:55pm 516 Hamilton Hall	Sam Haselby	3	16

HIST W3523 History of Health Inequality in the Modern United States. 3 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 2014: HIST W3523

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3523	001/19578	T Th 10:10am - 11:25am 313 Fayerweather	Samuel Roberts	3	20/75

HIST W3535 History of the City of New York. 3 points.

The social, cultural, economic, political, and demographic development of America's metropolis from colonial days to present. Slides and walking tours supplement the readings (novels and historical works). *Field(s): US*

Fall 2014: HIST W3535

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3535	001/61636	M W 10:10am - 11:25am 417 International Affairs Bldg	Kenneth Jackson	3	176/370

HIST W3618 The Modern Caribbean. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This lecture course examines the social, cultural, and political history of the islands of the Caribbean Sea and the coastal regions of Central and South America that collectively form the Caribbean region, from Amerindian settlement, through the era of European imperialism and African enslavement, to the period of socialist revolution and independence. The course will examine historical trajectories of colonialism, slavery, and labor regimes; post-emancipation experiences and migration; radical insurgencies and anti-colonial movements; and intersections of race, culture, and neocolonialism. It will also investigate the production of national, creole, and transborder identities. Formerly listed as "The Caribbean in the 19th and 20th centuries". *Field(s): LAC*

Fall 2014: HIST W3618

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3618	001/71905	M W 2:40pm - 3:55pm 310 Fayerweather	Natasha Lightfoot	4	69/96

HIST W3628 History of the State of Israel, 1948-Present. 3 points.

The political, cultural, and social history of the State of Israel from its founding in 1948 to the present. *Group(s): C Field(s): ME*

Fall 2014: HIST W3628

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3628	001/10143	T Th 10:10am - 11:25am 310 Fayerweather	Michael Stanislawski	3	23/90

HIST W3657 Medieval Jewish Cultures. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course will survey some of the major historical, cultural, intellectual and social developments among Jews from the fourth century CE through the fifteenth. We will study Jewish cultures from the Christianization of the Roman Empire, the age of the Talmuds, the rise of Islam, the world of the Geniza, medieval Spain, to the early modern period. We will look at a rich variety of primary texts and images, including mosaics, poems, prayers, polemics, and personal letters. *Field(s): JEW/MED*

Fall 2014: HIST W3657

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3657	001/60951	M W 11:40am - 12:55pm 310 Fayerweather	Elisheva Carlebach	3	54/65

HIST W3660 Latin American Civilization I. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Latin American economy, society, and culture from pre-Columbian times to 1810. **Global Core Approved** *Group(s): A, D Field(s): *LA*

Fall 2014: HIST W3660

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3660	001/14135	T Th 2:40pm - 3:55pm 301 Pupin Laboratories	Caterina Pizzigoni	3	177

HIST W3719 History of the Modern Middle East. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

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 2014: HIST W3719

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3719	001/26192	T Th 8:40am - 9:55am 417 International Affairs Bldg	Rashid Khalidi	3	184/245

HIST W3772 West African History. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course offers a survey of main themes in West African history over the last millenium, with particular emphasis on the period from the mid-15th through the 20th century. Themes include the age of West African empires (Ghana, Mali, Songhay); re-alignments of economic and political energies towards the Atlantic coast; the rise and decline of the trans-Atlantic trade in slaves; the advent and demise of colonial rule; and internal displacement, migrations, and revolutions. In the latter part of the course, we will appraise the continuities and ruptures of the colonial and post-colonial eras. *Group(s): C Field(s): AFR*

Fall 2014: HIST W3772

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3772	001/61415	T Th 1:10pm - 2:25pm 313 Fayerweather	Gregory Mann	3	40

HSME W3810 History of South Asia I: al-Hind to Hindustan. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

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 in the last two millennia. There will be an emphasis on using primary sources (in translation), especially epigraphic, and material artifacts. Our key concerns will be on the political, cultural and theological encounters of varied communities, the growth of cities and urban spaces, the local and global networks of trade and migrations and the development of an Indo- Persian milieu across South Asia. The survey will begin, in earnest, from the mid 6th CE polities and the subsequent formation of various Arab-Turkic principalities. The development and growth of hybrid polities such as Delhi Sultanate, Vijayanagar will be one key concern. The emergence of Indic traditions such as Sufic, Bhakti movements as well as forms of governance, scriptural communities, and new elite structures during the 1300-1600 CE period will be another major focus. Near the end of our course, we will look forward towards the establishment and growth of the Mughal Empire and the arrival of European trading companies and accompanying colonial powers. Keywords for the course are: space, historiography, regionalism, world systems, political

theologies, Vernacularization, courtly and sacral cultures, urbanism, colonialism. *Field(s): SA*

Fall 2014: HSME W3810

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HSME 3810	001/70230	T Th 10:10am - 11:25am 516 Hamilton Hall	Manan Ahmed	3	9

HIST W3902 History of the World to 1450 CE. 3 points.
CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course presents and at the same time critiques a narrative world history from prehistoric times to 1500. The purpose of the course is to convey an understanding of how this rapidly growing field of history is being approached at three different levels: the narrative textbook level, the theoretical-conceptual level, and through discussion sections, the research level. All students are required to enroll in a weekly discussion section. Graded work for the course consists of two brief (5 page) papers based on activities in discussion sections as well as a take-home midterm and a final examination. *Field(s): *ANC/ME*

Fall 2014: HIST W3902

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3902	001/16618	T Th 4:10pm - 5:25pm 310 Fayerweather	Marc Van De Mierop	3	62

HSPB W3950 Social History of American Public Health. 3 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?

Fall 2014: HSPB W3950

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HSPB 3950	001/60391	T Th 8:40am - 9:55am 207 Mathematics Building Colgrove	James	3	122/145

HIST W4008 Wealth and Poverty in the Classical World. 4 points.

Prerequisites: Instructor's Permission Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

The seminar will combine cultural with economic history, but with more stress on the former. The aim is to investigate the meaning of being rich and being poor among the Greeks and Romans, that is to say in a pre-industrial society, with special attention to methods of research. We shall discuss among other topics ways of getting rich, contempt for wealth, safety nets, ostentation, consumption choices, bribery, markers of well-being - and money. The time period will extend from Homer to about 250 CE. *Field(s): *ANC*

Fall 2014: HIST W4008

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4008	001/25124	W 9:00am - 10:50am 301m Fayerweather	William Harris	4	9/15

HIST W4104 Family, Sexuality & Marriage in Pre-Modern Europe. 4 points.

Prerequisites: Instructor's Permission Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

This course examines the meaning of marriage in European culture from the early Middle Ages until the eighteenth century, concentrating on the period from 1200 to 1800. It begins with a study of Jewish and Christian teachings about marriage - the nature of the conjugal bond, the roles of men and women within marriage, and marital sexuality. It traces changes in that narrative over the centuries, analyzes its relationship to actual practice among various social groups, and ends in the eighteenth century with an examination of the ideology of the companionate marriage of modern western culture and its relation to class formation. *Group(s): A Field(s): EME*

Fall 2014: HIST W4104

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4104	001/61261	T 4:10pm - 6:00pm 302 Fayerweather	Martha Howell	4	7/15

HIST W4125 Censorship and Freedom of Expression in Early Modern Europe. 0 points.

Prerequisites: Instructor's Permission Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

In this course we will examine theoretical and historical developments that framed the notions of censorship and free expression in early modern Europe. In the last two decades, the role of censorship has become one of the significant elements in discussions of early modern culture. The history of printing and of the book, of the rise national-political cultures and their projections of control, religious wars and denominational schisms are some of the factors that intensified debate over the free circulation of ideas and speech. Indexes, Inquisition, Star Chamber, book burnings and beheadings have been the subjects of an ever growing body of scholarship.

Field(s): EME

Fall 2014: HIST W4125

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4125	001/66310	M 9:00am - 10:50am 311 Fayerweather	Elisheva Carlebach	0	8/15

HIST W4206 Power and Violence in Russian History. 4 points.

Each meeting of this seminar will consider a particular way in which power was structured and exercised in Imperial and Soviet Russia, looking at violence in its various manifestations, at the role of law in containing it, and at the changing ways Russia's rulers represented their personal authority. Through a combination of novels, memoirs, and selected scholarly texts, we will also examine Russians' traditional obsession with war and all things military; the development of modern terrorism, secret police, and political repression; and power hierarchies within families and communities.

Fall 2014: HIST W4206

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4206	001/75381	W 11:00am - 12:50pm 301m Fayerweather	Sergei Antonov	4	9/15

HIST W4235 Central Asia: Imperial Legacies, New Images. 4 points.

This course is designed to give an overview of the politics and history of the five Central Asian states, including Kazakstan, Kyrgyzstan, Uzbekistan, Turkmenistan, and Tajikistan starting from Russian imperial expansion to the present. We will examine the imperial tsarist and Soviet legacies that have profoundly reshaped the regional societies' and governments' practices and policies of Islam, gender, nation-state building, democratization, and economic development. *Field(s): ME/EA*

Fall 2014: HIST W4235

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 4235	001/23450	W 11:00am - 12:50pm 406 Hamilton Hall	Gulnar Kendirbai	4	6/15
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HIST W4250 The Other Global Village: Cinema under State Socialism. 4 points.

Prerequisites: Instructor Permission Required

The rise, decline, and fall of the Soviet Union, the first Communist state (and great power), and its postwar sphere of hegemony in Central and Eastern Europe largely coincided with the development and pervasive spread of a defining technology of twentieth-century modernity: film and cinema. Moreover, while Communism in power was always authoritarian, massively violent over substantial periods, and consistently hostile to individual freedom and self-expression for masses as well as cultural elites, many of the classic masterpieces of cinema were produced by artists working under Communist regimes. These regimes were modern and modernizing but illiberal and societies under Communist rule were not open. Yet their film-makers and audiences were never entirely cut off from the rest of the world, quite the opposite: film was an area of human activity and experience in which global interaction, influence, and emulation was woven into as well as constantly tearing at the texture of ideological divides and geopolitical rivalries that shaped the last century. In sum, film offers us a way to learn about the true complexity of a paradoxical century that witnessed two World Wars, one Cold War, and the somehow apparently inexorable shrinking of global imaginary space. In this course, we will not be able to explore all the possibilities offered by film as a quintessential cultural artifact of modernity and we will also not be able to cover films, schools, or countries comprehensively. But we will be able to use film selectively to reflect about the history of Communism (as realized in the former Soviet Union and its client states) and we will use Communism to think about the place of film in modernity. We will watch and discuss select movies and read a sample of texts. *Field(s): MEU*

Fall 2014: HIST W4250

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4250	001/63442	T 9:00am - 10:50am 301m Fayerweather	Tarik Amar	4	12/15

HIST W4359 Dreaming of the Future in the 1820s: The Birth of Modernity. 4 points.

The purpose of this course is to explore the mental horizon of the 1820s through the works of professional revolutionaries, artists, poets and writers, as well as via recent historical and literary studies. The period marked the intellectual origins of modernity and many of our key organizing principles - the very idea of socialism, liberalism and communism for instance - originated then. Readings connect political transformations in Europe and across the globe to a new sense of time and speed, history, technology and economics. *Field(s): MEU*

Fall 2014: HIST W4359

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4359	001/71396	T 11:00am - 12:50pm 503 Fayerweather	Mark Mazower	4	14/15

HIST W4377 Cold War Public Diplomacy: Cultural Battles Abroad. 4 points.

This course has three purposes: (i) to examine the role of culture and the arts as a reflection and enactment of Cold War politics; (ii) to provide an understanding of the arts as a cultural force in building ideas in foreign markets; (iii) to reframe the arts as a part of Cold War cultural battles.

Fall 2014: HIST W4377

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4377	001/22749	Th 2:10pm - 4:00pm 311 Fayerweather	Victoria Phillips	4	11/15

HIST W4380 The Idea of Europe. 4 points.

This course, a seminar open to both advanced undergraduates and graduates, will examine the "Idea of Europe" from the perspective of the European Union's formation, expansion, and the crises now confronting the idea of European unity. Our point of departure is the Netherlands, whose political and social structure are of interest in their own right and exemplify many of the aspirations of the union, and whose present struggles reveal some of the tensions that threaten the cohesion of the European community. Its social, economic and political history have culminated in an unusual set of institutions, an idiosyncratic approach to policy domains such as social security, labor relations, health care and education, and a highly consensus driven mode of interaction among national stakeholders on the interface of civic society and the political system. Students will explore particular issues in independent response papers corresponding to three themes selected, and will be invited to make use of comparative literature in dealing with a broader perspective on Europe. *Field(s): MWE*

Fall 2014: HIST W4380

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4380	001/28446	Th 4:10pm - 6:00pm 301m Fayerweather	Paul Schnabel, Alexander Rinnooy Kan	4	12/15

HIST C4398 Senior Thesis Seminar. 4 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*

Fall 2014: HIST C4398

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4398	001/69932	M 2:10pm - 4:00pm 301m Fayerweather	Hilary-Anne Hallett	4	13/15
HIST 4398	002/66693	T 11:00am - 12:50pm 301m Fayerweather	Mae Ngai	4	13/15
HIST 4398	003/27488	Th 11:00am - 12:50pm 311 Fayerweather	Charles Armstrong	4	15/15

HIST W4400 Americans and the Natural World, 1800 to the Present. 4 points.

Prerequisites: Seminar Application Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

This seminar deals with how Americans have treated and understood the natural world, connected or failed to connect to it, since 1800. It focuses on changing context over time, from the agrarian period to industrialization, followed by the rise of the suburban and hyper-technological landscape. We will trace the shift from natural history to evolutionary biology, give special attention to the American interest in entomology, ornithology, and botany, examine the quest to save pristine spaces, and read from the works of Buffon, Humboldt, Jefferson, Theodore Roosevelt, Darwin, Aldo Leopold, Nabokov, among others. Perspectives on naming, classifying, ordering, and most especially, collecting, will come under scrutiny. Throughout the semester we will assess the strengths and weaknesses of the environmentalist movement, confront those who thought they could defy nature, transcend it, and even live without it. *Field(s): US*

Fall 2014: HIST W4400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4400	001/14463	T 2:10pm - 4:00pm 309 Hamilton Hall	William Leach	4	7/15

HIST W4415 The U.S. and Latin America in the Cold War and Beyond: Revolution, Globalization and Power. 4 points.

This course seeks to understand the Cold War and what it meant for the United States, inter-American relations and Latin America during the second half of the twentieth century. The course encourages students to consider to what extent the Cold War is helpful as a way of understanding Latin American nations and people, and their relationships with their Northern neighbor.

Fall 2014: HIST W4415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4415	001/83198	M 11:00am - 12:50pm 302 Fayerweather	Oliver Murphey	4	12/15

HIST W4535 20th Century New York City History. 4 points.

Prerequisites: Instructor's Permission Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

This course explores critical areas of New York's economic development in the 20th century, with a view to understanding the rise, fall and resurgence of this world capital. Discussions also focus on the social and political significance of these shifts. Assignments include primary sources, secondary readings, film viewings, trips, and archival research. Students use original sources as part of their investigation of New York City industries for a 20-page research paper. An annotated bibliography is also required. Students are asked to give a weekly update on research progress, and share information regarding useful archives and websites. *Field(s): US*

Fall 2014: HIST W4535

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4535	001/27288	T 6:10pm - 8:00pm 406 International Affairs Bldg	Kenneth Jackson	4	13/15

HIST W4556 Narcotics and the Making of America. 4 points.

This seminar examines the history of narcotics, including sugar, tobacco, alcohol, opiates, and marijuana, in America from the colonial period to the early twentieth-century. It pays particular attention to the intoxicating and stimulating opportunities New World agriculture presented, alcohol-including its role in relations with Native Americans-, how tobacco influenced Chesapeake political culture, the spread of opiates and their medicalization, and the politics of anti-narcotic reform. The course considers the broad matters of economic role, social use, and political context. Students will propose and must receive approval for a twenty-page research paper based on primary sources, and present primary sources for discussion to the class.

Fall 2014: HIST W4556

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4556	001/27040	Th 2:10pm - 4:00pm 301m Fayerweather	Sam Haselby	4	5

AMHS W4580 American Cultural Criticism. 4 points.

A seminar on the history of American cultural criticism since the late nineteenth century. Themes include the search for forms of artistic expression appropriate to a democratic society; the consequences of urbanism and corporate industrialization for American culture and values; the implications of ethno-racial diversity for American culture and national identity; tensions between "popular" or "mass"

culture, the avant-garde, and "high" culture; selfhood and the moral life; the shift from a modernist to a postmodernist sensibility; and the public role of the critic in the United States. *Field(s): US*

Fall 2014: AMHS W4580

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
AMHS 4580	001/61613	T 11:00am - 12:50pm 317 Hamilton Hall	Casey Blake	4	14/15

HIST W4594 American Society, 1776-1861. 0 points.

Prerequisites: Seminar Application Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

This seminar examines the transformation of American society from national independence to the Civil War, paying particular attention to changes in agriculture, war, and treaty-making with Indian nations, the rise of waged labor, religious movements, contests over slavery, and the ways print culture revealed and commented on the tensions of the era. The readings include writings of de Tocqueville, Catherine Beecher, and Frederick Douglass, as well as family correspondence, diaries, and fiction. Students will write a 20 page research paper on primary sources. *Field(s): US*

Fall 2014: HIST W4594

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4594	001/24861	Th 11:00am - 12:50pm 302 Fayerweather	Elizabeth Blackmar	0	9/12

HIST W4601 Jews in the Later Roman Empire, 300-600 CE. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Prerequisites: Instructor Permission Required
This course will explore the background and examine some of the manifestations of the first Jewish cultural explosion after 70 CE. Among the topics discussed: the Late Roman state and the Jews, the rise of the synagogue, the redaction of the Palestinian Talmud and midrashim, the piyyut and the Hekhalot. *Field(s): JWS, ANC*

Fall 2014: HIST W4601

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4601	001/69052	M 2:10pm - 4:00pm 311 Fayerweather	Seth Schwartz	4	2/15

HIST W4609 Marriage and Kinship in Medieval Egypt. 4 points.

This class will explore the everyday culture reflected in the Geniza manuscripts through the lens of kinship relations and family life. The course will introduce a range of genres

of Geniza documents (court records, contracts and deeds, legal responsa, and personal letters). We will read examples of these documents alongside contemporary Jewish legal and literary works, Islamic literature, and recent work in medieval Islamic social history. Taking a comparative approach to this material, we will work to understand how the authors of these documents understood marriage, divorce, and parenthood, and how these relationships positioned individuals economically and socially within the broader communities in which they lived. In the process, you will learn how to use documents and literary sources as evidence for social history, as well as learn a great deal about Jews' everyday life in medieval Egypt.

Fall 2014: HIST W4609

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4609	001/86533 T	11:00am - 12:50pm 513 Fayerweather	Eve Krakowski	4	2/15

HIST W4669 The Dictatorship that Changed Brazil, 1964-1985. 0 points.

This course seeks to analyze the period of military dictatorship in Brazil (1964-1985), supported by many civilians as well. Different conjunctures will be studied, since the years before the coup of 1964 until the process of democratization. The course aims to understand a paradox: the dictatorship was established in the name of democracy, allegedly threatened. The main hypothesis is that the paradox was due to the character of the conservative modernization of society imposed by the military regime and its civilian allies. The dictatorship had ambiguities and distinct phases, involving a complex set of political and military forces. The involvement with the modernization also implied the use of illegitimate brute force against its enemies, which allows to characterize the regime as a dictatorship, in spite of its democratic façade. Special attention will be given to the opponents of the order. The relationship between the dominant and the dominated, even in authoritarian regimes, must be understood not only based on confrontation and repression, but also on negotiation and concessions to the opponents, without which it is impossible to build a base of legitimacy. The topics will be examined in the light of concepts such as conservative modernization (Barrington Moore Jr.), legitimate domination (Weber), hegemony (Gramsci), among others. The course also introduces students to critical interpretations of society and politics produced by Brazilian and Brazilianist historians and social scientists. *Field(s): LA*

Fall 2014: HIST W4669

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4669	001/61029 W	9:00am - 10:50am 302 Fayerweather	Marcelo Ridenti	0	13/15

HIST W4732 The Post-Ottoman World. 4 points.

Prerequisites: Instructor's Permission Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

In this seminar we will put the histories of the modern Balkans and Middle East in conversation by seeing them through the lens of the "post-Ottoman world." Moving beyond the national histories of countries such as Turkey, Greece, Egypt, Lebanon, Bulgaria, and Yugoslavia, we will examine the common dilemmas and divergent paths of a variety of groups, institutions, and individual figures throughout the nineteenth and twentieth centuries. *Field(s): ME*

Fall 2014: HIST W4732

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4732	001/65719 M	11:00am - 12:50pm 311 Fayerweather	Christine Philliou	4	7/15

HIST W4768 Writing Contemporary African History. 4 points.

Prerequisites: Instructor's Permission Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

An exploration of the historiography of contemporary (post-1960) Africa, this course asks what African history is, what is unique about it, and what is at stake in its production. *Field(s): AFR*

Fall 2014: HIST W4768

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4768	001/21725 W	4:10pm - 6:00pm 302 Fayerweather	Gregory Mann	4	3/15

HIST W4858 Islam in India since 1526: Coexistence and Conflict, Gender and Personhood. 4 points.

This course explores five hundred years of the history of Islam and Muslims in India. It is concerned with understanding the many faces of Islam and the many ways of being Muslim in India and how these have changed over time. On one level we will study the connection between Islam and political power in South Asia: the course explores the ruling ideologies of the Mughal Emperors, the different ways in which Muslims responded to the rise of British power on the subcontinent, and the various responses Muslims articulated in response to the introduction of democracy in India. These questions naturally ensure that the course is also concerned the question of how different Muslims interacted with members of other religious groups in India. We will interrogate moments of coexistence and conflict between religious communities to try to understand their origins and nature. At another level, the course is concerned with the changing shape of Muslim lives over the same period. It explores everyday practices of Muslim belief as well as notions of gender, family and personhood, and

explores the interplay of these with political, economic and cultural changes over five centuries of history.

Fall 2014: HIST W4858

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4858	001/63551	W 11:00am - 12:50pm 302 Fayerweather	Taylor Sherman	4	8/15

HIST W4911 Medicine and Western Civilization. 4 points.

Prerequisites: Instructor's permission is required; preference will be given to majors and concentrators, seniors and juniors, but other majors are welcome.

This seminar seeks to analyze the ways by which medicine and culture combine to shape our values and traditions. To this end, it will examine notable literary, medical, and social texts from classical antiquity to the present. A, B, D

Fall 2014: HIST W4911

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4911	001/62050	M 4:10pm - 6:00pm 302 Fayerweather	David Rothman	4	13/15

HIST W4923 Narratives of World War II. 4 points.

Prerequisites: Instructor's Permission Required: ATTEND FIRST CLASS AND REGISTER ON CLASS WAIT-LIST
An examination of literary and cinematic narratives of the Second World War produced in the decades since 1940 in Europe, America, and Asia. The analytic approach centers both on the historicity of, and the history in, the texts, with the goal of questioning the nature of narrative in different forms through a blend of literary and historical approaches.

Fall 2014: HIST W4923

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4923	001/68292	T 11:00am - 12:50pm 418 International Affairs Bldg	Carol Gluck	4	11/15

SPRING 2015

HIST W1004 Ancient History of Egypt. 3 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. *Group(s): A Field(s): *ANC*

Spring 2015: HIST W1004

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 1004	001/71919	T Th 4:10pm - 5:25pm 417 International Affairs Bldg	Marc Van De Mierop	3	334/410
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HIST W1020 The Romans, 754 BC to 565 AD. 3 points.

Rome and its empire, from the beginning to late antiquity.

Field(s): ANC

Spring 2015: HIST W1020

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 1020	001/14803	M W 4:10pm - 5:25pm 313 Fayerweather	William Harris	3	50

HIST W3302 The European Catastrophe, 1914-1945. 3 points.

The history of Europe's second Thirty Years War marked by economic crises, political turmoil, totalitarian ideologies, massive population transfers, and genocide; but also by extraordinary economic, scientific, and cultural developments.

Group(s): B Field(s): MWE

Spring 2015: HIST W3302

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3302	001/16993	T Th 10:10am - 11:25am 313 Fayerweather	Mark Mazower	3	46/90

HIST W3448 US History Since 1945. 3 points.

Topics include the cold War, McCarthyism, the postwar economy, suburbanization, consumer culture, Vietnam, the Civil Rights movement, and Watergate. *Field(s): US*

Spring 2015: HIST W3448

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3448	001/12030	T Th 2:40pm - 3:55pm 310 Fayerweather	Matthew Vaz	3	102/96

HIST W3478 U.S. Intellectual History, 1865 To the Present. 3 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*

Spring 2015: HIST W3478

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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HIST 001/27948 M W 4:10pm - 5:25pm Casey 3 92
3478 501 Schermerhorn Hall Blake

HIST W3540 History of the South. 3 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. *Group(s): D Field(s): US*

Spring 2015: HIST W3540

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3540	001/71315	T Th 11:40am - 12:55pm 310 Fayerweather	Barbara Fields	3	58

HIST W3566 History of American Popular Culture Through Music. 3 points.

Not Offered During 2014-15 Academic Year.

This course examines the history of American popular culture through music and radio, beginning in the 1830s with minstrelsy, the first distinctively "American" popular culture, and ending in the 1960s with Motown. The course acquaints students with key concepts that aim to "read" cultural production and to explore what's unique about culture primarily experienced through the ears. It examines debates over culture's qualifiers, from popular to mass, high to low. *Field(s): US*

HIST W3611 Jews and Judaism in Antiquity. 3 points.

Field(s): ANC

Spring 2015: HIST W3611

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3611	001/16749	M W 10:10am - 11:25am 316 Hamilton Hall	Seth Schwartz	3	7

HIST W3661 Latin American Civilization II. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Latin American economy, society, and culture from 1810 to present. *Group(s): D Field(s): LA*

Spring 2015: HIST W3661

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3661	001/05542	T Th 11:40am - 12:55pm 405 Milbank Hall	Jose Moya	3	89

HIST W3716 History of Islamic Societies. 3 points.

Focus on religions, conversion, ethnic relations, development of social institutions, and the relationship between government and religion. *Field(d): ME*

Spring 2015: HIST W3716

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3716	001/66693	T Th 4:10pm - 5:25pm 413 Kent Hall	Richard Bulliet	3	36

HIST W3811 South Asia II: Empire and Its Aftermath. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This is the second of a two-semester survey course focusing on the historical evolution of the cultures, politics, and societies of the Indian sub-continent from the sixteenth century to the twentieth century. We begin with the rise and fall of the Mughal Empire, and examine why and how the East India Company came to rule India in the eighteenth century. As the term progresses, we will investigate the objectives of British colonial rule in India and we will explore the nature of colonial modernity. The course then turns to a discussion of anti-colonial sentiment, both in the form of outright revolt, and critiques by early nationalists. This is followed by a discussion of Gandhi, his thought and his leadership of the nationalist movement. Finally, the course explores the partition of British India in 1947, examining the long-term consequences of the process of partition for the states of India, Pakistan and Bangladesh. We will focus in particular on the flowing themes: non-Western state formation; debates about whether British rule impoverished India; the structure and ideology of anti-colonial thought; identity formation and its connection to political, economic and cultural structures. The class relies extensively on primary texts, and aims to expose students to multiple historiographical perspectives for understanding South Asia's past.

Spring 2015: HIST W3811

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 3811	001/89281	M W 11:40am - 12:55pm 303 Hamilton Hall	Taylor Sherman	3	29

HIST W4083 Crime and Punishment in the Middle Ages. 4 points.

Prerequisites: Instructor's permission is required; preference will be given to majors and concentrators, seniors and juniors. How a society defines crime, and how it deals with the criminals tells us a lot about the moral values, and the political and economic structure of that society, as well as its internal conflicts, superstitions, and fears. Often supposed to be a barbaric community of ignorant unruly men governed by greedy kings and popes, the medieval society in the popular culture is often an inspiration to the grotesque representations of violence and torture. Even an intellectual like Michel Foucault did not hesitate to advance a theory of medieval punishment, albeit a terribly wrong one, as one that focuses on the body and spectacle. This course is designed to trace

the origins of the modern criminal legislation and practices to the Middle Ages, some of which were jury trial, public persecution, and prisons. How did these practices come about, and under which social conditions? The focus of the course will be on violent crimes, such as murder, robbery, assault and suicide, and some particularly medieval crimes like sorcery, blasphemy and sodomy. The geographical scope will be limited to England, Italy and France. The class discussions are expected to take the form of collective brainstorming on how the political powers, social classes, cultural values, and religious beliefs affect the development of criminal legislation and institutions. Whenever possible the weekly readings will feature a fair share of medieval texts, including trial records, criminal laws, a manual for trying witches, and prison poetry. *Field(s): *MED*

Spring 2015: HIST W4083

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4083	001/66088	Th 2:10pm - 4:00pm 309 Hamilton Hall	Neslihan Senocak	4	15/15

HIST W4180 Conversion in Historical Perspective. 4 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Instructor's permission is required; preference will be given to majors and concentrators, seniors and juniors. Boundary crossers have always challenged the way societies imagined themselves. This course explores the political, religious, economic, and social dynamics of religious conversion. The course will focus on Western (Christian and Jewish) models in the medieval and early modern periods. It will include comparative material from other societies and periods. Autobiographies, along with legal, religious and historical documents will complement the readings. *Field(s): */WS*

HIST W4223 Personality and Society in 19th-Century Russia. 4 points.

Prerequisites: Instructor's permission is required; preference will be given to majors and concentrators, seniors and juniors. A seminar reviewing some of the major works of Russian thought, literature, and memoir literature that trace the emergence of intelligentsia ideologies in 19th- and 20th-century Russia. Focuses on discussion of specific texts and traces the adoption and influence of certain western doctrines in Russia, such as idealism, positivism, utopian socialism, Marxism, and various 20th-century currents of thought. *Field(s): MEU*

Spring 2015: HIST W4223

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4223	001/17798	M 4:10pm - 6:00pm	Richard Wortman	4	9/15

1219 International Affairs
Bldg

HIST W4414 Modern American Indian Social and Political History. 4 points.

This undergraduate lecture-seminar is about the making, endurance, and resurgence of modern American Indian nations. We will examine broadly the varied historical experiences of American Indians from the late 19thC to the present, with a special focus on the 20th century. We approach this study with an understanding that American Indians (as well as Native Hawaiians, and Alaska Natives) are and were actors in history and not just hapless victims of Euro-American imperialism and power. Over the semester, we will focus on the ways indigenous peoples in the United States adapted and responded to the host of stresses that accompanied the rapid and often violent social, cultural, and environmental transformations of the 19th and 20th centuries. We will historicize modern social and political issues in Indian Country and examine the processes of resistance, renewal, accommodation, and change from the reservation era to the present. Particular attention will be paid to the ways native people and their communities have met the challenges they have confronted as they persist in their efforts to preserve their homelands, their cultures, their sovereignty, and their rights to selfdetermination.

Spring 2015: HIST W4414

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4414	001/26653	T 11:00am - 12:50pm 311 Fayerweather	Maria John	4	14/15

HIST W4429 Telling About the South. 4 points.

Prerequisites: Seminar Application Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE
Limited enrollment. Priority given to senior history majors. A remarkable array of Southern historians, novelists, and essayists have done what Shreve McCannon urges Quentin Compson to do in William Faulkner's *Absalom, Absalom!*--tell about the South--producing recognized masterpieces of American literature. Taking as examples certain writers of the 19th and 20th centuries, this course explores the issues they confronted, the relationship between time during which and about they wrote, and the art of the written word as exemplified in their work. *Group(s): D Field(s): US*

Spring 2015: HIST W4429

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4429	001/76544	T 4:10pm - 6:00pm 302 Fayerweather	Barbara Fields	4	12/15

HIST W4437 Poisoned Worlds: Corporate Behavior and Public Health. 4 points.

Prerequisites: Instructor's permission is required; preference will be 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. *Field(s): US*

Spring 2015: HIST W4437

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4437	001/70784	W 9:00am - 10:50am 301m Fayerweather	David Rosner	4	12/15

HIST W4518 Research Seminar: Columbia and Slavery. 4 points.

Prerequisites: Seminar Application Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

This seminar will consist of weekly readings and discussion of works dealing with the history of slavery in the United States, the anti-slavery movement, the coming of emancipation during the Civil War, and how Americans tried to deal with the consequences of emancipation. There will also be one 20-page paper for the semester. *Group(s): D*

Spring 2015: HIST W4518

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4518	001/68264	Th 2:10pm - 4:00pm 302 Fayerweather	Eric Foner	4	12/12

HIST W4568 The American Landscape to 1877. 4 points.

Prerequisites: Instructor's permission is required; preference will be given to majors and concentrators, seniors and juniors. *Field(s): US*

Spring 2015: HIST W4568

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4568	001/64837	Th 11:00am - 12:50pm 301m Fayerweather	Elizabeth Blackmar	4	12/15

HIST W4588 Substance Abuse Politics in African-American History. 4 points.

Prerequisites: Instructor's permission is required; preference will be given to majors and concentrators, seniors and juniors. Through a series of secondary-and primary-source readings and web-based writing assignments, students in this seminar course will explore one of the most controversial aspects of 20th century public health history: drug policy and its relationship to social movements and urban political economy. Readings are primarily historical and sociological, and the principal focus is heroin from its emergence in the 1950s through the crack cocaine era. Topics of discussion include print and visual media representations; racism and the war on drugs; the Rockefeller Drug Laws; methadone, syringe provision, and harm reduction; the Prison Industrial Complex (PIC); and urban politics. Harlem and East Harlem, New York City will be of particular interest in this course. Students will also further develop their research and collaborative work skills. There will be training sessions in using several social science research databases. HIST W4588 is part of the larger Harlem Health History Project (HHHP), an ongoing research and teaching project examining the history of health research, institutions, access to care, politics, social movements, and professional organization in the Harlem, New York City community. *Field(s): US*

Spring 2015: HIST W4588

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4588	001/72907	T 9:00am - 10:50am 311 Fayerweather	Samuel Roberts	4	3/1

HIST W4604 Jews and the City. 4 points.

Prerequisites: Instructor's permission is required; preference will be given to majors and concentrators, seniors and juniors. Over the course of the nineteenth century, millions of Jews uprooted themselves from their places of birth and moved to cities scattered throughout the world. This mass urbanization not only created new demographic centers of world Jewry, but also fundamentally transformed Jewish political and cultural life. In this course, we shall analyze primary source material, literary accounts as well as secondary sources as we examine the Jewish encounter with the city, and see how Jewish culture was shaped by and helped to shape urban culture. We shall compare Jewish life in six cities spanning from Eastern Europe to the United States and consider how Jews' concerns molded the urban economy, urban politics, and cosmopolitan culture. We shall also consider the ways in which urbanization changed everyday Jewish life. What impact did it have on Jewish

economic and religious life? What role did gender and class play in molding the experiences of Jews in different cities scattered throughout the world?

Spring 2015: HIST W4604

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4604	001/71648	M 2:10pm - 4:00pm 513 Fayerweather	Rebecca Kobrin	4	11/15

HIST W4670 Culture and Politics in Brazil, 1960-1989. 4 points.

This course seeks to elucidate the elective affinities between culture and politics in the activities of artists and intellectuals, especially those who opposed the military dictatorship in Brazil. The problem of the identity of the Brazilian people was essential for them. They sought alleged popular roots and wanted to overcome underdevelopment. At the time there was a revolutionary romanticism which involved the utopia of integrating intellectuals with the common man of the people, which could give life to an alternative project of society that was eventually defeated by the military dictatorship (1964-1985). Many artists and intellectuals engaged in the opposition to the regime, in spite of its efforts of modernization, which gave them good job opportunities, in a complex process that involved both dissent and integration to the established order. The lectures will analyze different conjunctures, from the years before the coup of 1964 until the end of the democratization process that was completed with the free elections of 1989. Particularly the decades of 1960 and 1970 were some of the most creative periods of Brazilian culture, including the Cinema Novo, the Teatro de Arena, the Bossa Nova and the Tropicalism. The topics will be examined in the light of concepts such as structures of feeling (Raymond Williams), field (Bourdieu), engagement (Sartre), commodity fetishism and reification (Karl Marx, G. Lukacs, Walter Benjamin, F. Jameson), society of the spectacle (Guy Debord), culture industry (Theodor Adorno and Max Horkheimer), revolutionary romanticism (Michael Löwy and Robert Sayre), among others. The course also introduces students to critical interpretations of society and culture produced by Brazilian and Brazilianist historians and social scientists.

Spring 2015: HIST W4670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HIST 4670	001/24164	W 9:00am - 10:50am 802 International Affairs Bldg	Marcelo Ridenti	4	13/15

HIST W4928 Comparative Slavery and Abolition in the Atlantic World. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Seminar Application Required: SEE UNDERGRADUATE SEMINAR SECTION OF THE HISTORY DEPARTMENT'S WEBSITE

This seminar investigates the experiences of slavery and freedom among African-descended people living and laboring in the various parts of the Atlantic World. The course will trace critical aspects of these two major, interconnected historical phenomena with an eye to how specific cases either manifested or troubled broader trends across various slaveholding societies. The first half of the course addresses the history of slavery and the second half pertains to experiences in emancipation. However, since the abolition of slavery occurs at different moments in various areas of the Atlantic World, the course will adhere to a thematic rather than a chronological structure, in its examination of the multiple avenues to freedom available in various regions. Weekly units will approach major themes relevant to both slavery and emancipation, such as racial epistemologies among slaveowners/employers, labor regimes in slave and free societies, cultural innovations among slave and freed communities, gendered discourses and sexual relations within slave and free communities, and slaves' and freepeople's resistance to domination. The goal of this course is to broaden students' comprehension of the history of slavery and freedom, and to promote an understanding of the transition from slavery to freedom in the Americas as creating both continuities and ruptures in the structure and practices of the various societies concerned. *Group(s): ABCD Field(s): US/LA*

OF RELATED INTEREST

Asian and Middle Eastern Cultures (Barnard)

ASCE V2359	Introduction to East Asian Civilizations: China
ASCE V2361	Introduction to East Asian Civilization: Japan
ASCE V2363	Introduction to East Asian Civilizations: Korea
ASCE V2365	Introduction to East Asian Civilizations: Tibet

Center for the Study of Ethnicity and Race

CSER W3221	African American History: From Slavery to the Great Migration
CSER W3222	Nature and Power: Environmental History of the US
CSER W3928	Colonization/Decolonization
CSER W3961	Wealth and Poverty in America

Classics

GREK V3015	Philo of Alexandria: Historical Essays and the Contemplative Life
CLGM V3920	The World Responds to the Greeks: Greece Faces East

GREK W4020	Josephus on Siege and Triumph
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Colloquia, Interdepartmental Seminars, and Professional School Offerings

INSM W3920	Nobility and Civility
INSM W3921	Nobility and Civility II

INSM C3940 Science Across Cultures

East Asian Languages and Cultures

HSEA W3862 The History of Korea to 1900

HSEA W3869 Modern Japan, 1800 to the Present

HSEA W3871 Japan in the 20th Century

HSEA W3880 The History of Modern China

HSEA W3881 History of Modern China II -- China in the Twentieth Century

HSEA W3898 The Mongols In History

HSEA W4837 Postwar Japan in the World

HSEA W4845 Modern Japan in History and Memory

HSEA W4866 Competing Nationalisms in East Asia: Representing Chinese and Tibetan Relations in History

HSEA W4869 History of Ancient China to the End of Han

HSEA W4870 Japan Before 1600

HSEA W4881 Gods, Ghosts and Ancestors: Social History of Chinese Religion

HSEA W4884 Merchants, Markets and Modernity in China

HSEA W4886 Gender, Passions and Social Order In China Since 1500

HSEA W4888 Women and Gender in Korean History

HSEA W4890 Historiography of East Asia

HSEA W4893 Family in Chinese History

HSEA W4894 Who Is the Samurai?

Economic History (Barnard)

ECHS Senior Research Seminar in Economic

BC3066 History I

- ECHS and Senior Research Seminar in Economic

BC3067 History II

Economics (Barnard)

ECON Economic History of the United States
BC3013

History (Barnard)

HIST BC1062 Introduction to Later Middle Ages: 1050-1450

HIST BC1101 Introduction to European History: Renaissance to French Revolution

HIST BC1302 Introduction to European History: French Revolution to the Present

HIST BC1401 Survey of American Civilization to the Civil War

HIST BC1402 Survey of American Civilization Since the Civil War

HIST BC1760 Introduction to African History: 1700-Present

HIST BC1801 Colonialism and Nationalism in South Asia

HIST BC3062 Medieval Intellectual Life, 1050 to 1400

HIST BC3116 The History of Money

HIST BC3180 Merchants, Pirates, and Slaves in the Making of Atlantic Capitalism

HIST BC3230 Central Europe: Nations, Culture, and Ideas

HIST BC3255 Democracy and Dictatorship: Italy, the Balkans, and Turkey Between the Two World Wars

HIST BC3305 Bodies and Machines

HIST BC3321 Colonial Encounters: Europe and the Culture of Empire

HIST BC3323 European Women in the Age of Revolution

HIST BC3380 Social and Cultural History of Food in Europe

HIST BC3388 Introduction to History of Science since 1800

HIST BC3408 Emerging Cities: 19th Century Urban History of the Americas and Europe

HIST BC3413 The United States, 1940-1975

HIST BC3423 The Constitution in Historical Perspective

HIST BC3424 Approached by Sea: Early American Maritime Culture

HIST BC3440 Intro to African American History

HIST BC3457 A Social History of Columbia University

HIST BC3466 American Intellectual History Since 1865

HIST BC3494 Era of Independence in the Americas

HIST BC3567 American Women in the 20th Century

HIST BC3570 Alma Mater: A History of American Colleges & Universities

HIST W3661 Latin American Civilization II

HIST BC3664 Reproducing Inequalities: Families in Latin American History

HIST BC3676 Latin America: Migration, Race, and Ethnicity

HIST BC3681 Women and Gender in Latin America

HIST BC3682 Modern Latin American History

HIST BC3803 Gender and Empire

HIST BC3805 Law and Lawlessness in South Asia

HIST BC3840 Topics in South Asian History

HIST BC3855 Decolonization: Studies in Political Thought and Political History

HIST BC3861 Chinese Cultural History, 1500-1800

HIST BC3865 Gender and Power in China

HIST BC3978 20th Century Cities: Americas and Europe

HIST BC3980 World Migration

HIST BC4062 Medieval Economic Life and Thought ca 1000 to 1500

HIST BC4064 Medieval Science and Society

HIST BC4119 Capitalism and Enlightenment

HIST BC4323 The City in Europe

HIST BC4324 Vienna and the Birth of the Modern
 HIST BC4327 Consumer Culture in Modern Europe
 HIST BC4332 The Politics of Leisure in Modern Europe
 HIST BC4360 London: From Great Wen to World City
 HIST BC4368 History of the Senses
 HIST BC4402 Selected Topics in American Women's History
 HIST BC4423 Origins of the Constitution
 HIST BC4456 The Craft of Urban History
 HIST BC4543 Higher Learning in America
 HIST BC4546 The Fourteenth Amendment and Its Uses
 HIST BC4587 Remembering Slavery: Critiquing Modern Representations of the Peculiar Institution
 HIST BC4592 Maritime History Since the Civil War
 HIST BC4651 Jewish Tales from Four Cities: The Immigrant Experience in New York, Buenos Aires, Paris and London
 HIST BC4669 Inequalities: Interdisciplinary Perspectives on Latin America
 HIST BC4672 Perspectives on Power in 20th Century Latin America
 HIST BC4763 Children and Childhood in African History
 HIST BC4771 Critical Perspectives on the Mobilization of Race and Ethnicity on the Continent and in the Study of Africa
 HIST BC4788 Gender, Sexuality, and Power from Colonial to Contemporary Africa
 HIST BC4791 Lagos: From Pepper Farm to Megacity
 HIST BC4805 Caste, Power, and Inequality
 HIST BC4830 Bombay/Mumbai and Its Urban Imaginaries
 HIST BC4861 Body Histories: The Case of Footbinding
 HIST BC4870 Gender and Migration: A Global Perspective
 HIST BC4886 Fashion
 HIST BC4901 Reacting to the Past II
 HIST BC4903 Reacting to the Past III: Science and Society
 HIST BC4904 Introduction to Historical Theory and Method
 HIST BC4905 Capitalism, Colonialism, and Culture: A Global History
 HIST BC4907 Edible Conflicts: A History of Food
 HIST BC4909 History of Environmental Thinking
 HIST BC4953 Anarchism: A Global History
 HIST BC4973 20th Century Cities: Americas and Europe
 HIST BC4999 Transnational Feminism
Middle Eastern, South Asian, and African Studies
 HSME W3915 A History of African Cities

HSME G4643 19th Century Indian Muslims: Identity, Faith, Politics

Religion (Barnard)

RELI V2105 Christianity
 RELI W4170 History of Christianity: Topics in Pre-Modern Papal History
 RELI W4171 Law and Medieval Christianity

Urban Studies

URBS V3545 Junior Colloquium: The Shaping of the Modern City

Women's and Gender Studies

WMST V1001 Introduction to Women's and Gender Studies

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.

FACULTY

INTERDEPARTMENTAL COMMITTEE ON HISTORY AND PHILOSOPHY OF SCIENCE

David Albert
Philosophy
706 Philosophy; 212-854-3519

Walter Bock
Biology
1106 Schermerhorn; 212-854-4487

Deborah Coen
History (Barnard)
410 Lehman; 212-854-7449

Marwa Elshakry
History
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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
322 Fayerweather; 212-854-2430

David Rosner
History
420 Fayerweather; 212-854-4272

George Saliba
Middle Eastern, South Asian, and African Studies
312 Knox; 212-854-4166

Pamela Smith
History
605 Fayerweather; 212-854-7662

COURSES

HPSC W3201 Philosophy and History of Evolutionary Biology. 3 points.

Prerequisites: the instructor's permission.
This course does not carry credit as a biology course. Explores the philosophical basis and historical development of evolutionary biology as a means of inquiry into causation, explanation, and testing in biology, and the implications for human understanding. Topics include Darwinian evolutionary theory, problems of creationism, theories of inheritance, Mendelism and natural selection, species concepts, adaptation and macroevolution, and the rise of the synthetic theory of evolution, both nomological and historical.

Fall 2014: HPSC W3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HPSC 3201	001/16414	M W 1:10pm - 2:25pm 1107 Fairchild Life Sciences Bldg	Walter Bock	3	2

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 2014-15 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.

INSM W3920 Nobility and Civility. 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.

Fall 2014: INSM W3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3920	001/15409	W 2:10pm - 4:00pm Hl-2 Heyman Center For Humanities	Jo Ann Cavallo, Wm Theodore De Bary	4	18/30

INSM W3921 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.

Spring 2015: INSM W3921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3921	001/72938	W 2:10pm - 4:00pm Hl-2 Heyman Center For Humanities	Douglas Chalmers, Wm Theodore De Bary	4	15/30

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.

Spring 2015: INSM W3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INSM 3950	001/61148	W 4:10pm - 6:00pm 522c Kent Hall	Allan Silver, Rachel Chung	4	16/0

OF RELATED INTEREST

Biological Sciences

BIOL W3208 Introduction to Evolutionary Biology

Colloquia, Interdepartmental Seminars, and Professional School Offerings

INSM C3940 Science Across Cultures

Center for the Study of Ethnicity and Race

CSER W3222 Nature and Power: Environmental History of the US

History

HIST W2901 Historical Theories and Methods

HIST W3523 History of Health Inequality in the Modern United States

HIST W3716 History of Islamic Societies

HSPB W3950 Social History of American Public Health

HIST W4101 The World We Have Lost: Daily Life in Pre-Modern Europe

HIST W4584 Race, Technology, and Health

HIST W4911 Medicine and Western Civilization

HIST W4918 Drugs and World History

History (Barnard)

HIST BC3180 Merchants, Pirates, and Slaves in the Making of Atlantic Capitalism

HIST BC3305 Bodies and Machines

HIST BC3388 Introduction to History of Science since 1800

HIST BC4119 Capitalism and Enlightenment

HIST BC4324 Vienna and the Birth of the Modern

Philosophy

PHIL V2101 The History of Philosophy I: Presocratics to Augustine

PHIL V2201 History of Philosophy II: Aquinas to Kant

PHIL V3551 Philosophy of Science

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; 91 Claremont Avenue, 7th Floor; 212-851-9703; humanrightsed@columbia.edu

<http://humanrightscolumbia.org/education/undergraduate>

Director of Undergraduate Studies: Prof. Joseph Slaughter, 511A Philosophy; 212-854-6433; jrs272@columbia.edu

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, email 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 of all students who wish to be considered for honors, but does not guarantee honors. Students write the thesis in HRTS W3996 Human Rights Thesis Seminar in the spring. Students who graduate in October, February, or May of a given academic year are eligible for honors consideration in May.

REQUIREMENTS

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 on-line course advising form.

Students may also email humanrightsed@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 toward the requirements of the major or concentration. 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

Transfer credit toward the major and concentration is not awarded for courses taken on a Pass/Fail basis. The minimum grade necessary for transfer credit toward the major or concentration is C-.

No more than 12 transfer credits may count toward the major and 9 for the concentration.

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 their schools academic policies for specific information.

MAJOR IN HUMAN RIGHTS

The major in human rights requires 32 points as follows. One of the distributional or specialization courses must be a seminar.

Core Courses

HRTS V3001 Introduction to Human Rights

HRTS V3190 International Human Rights Law

HRTS W3995 Human Rights Senior Seminar

Distributional Requirement

Students should take one course in three of the four categories:

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 offered by a single department or institute.

Please see the ISHR undergraduate course list (<http://humanrightscolumbia.org/education/undergraduate/courses>) (<http://hrcolumbia.org/undergraduate/courses>) for the current list of courses that fulfill the distributional requirement of the major.

CONCENTRATION IN HUMAN RIGHTS

The concentration in human rights requires a minimum of 25 points as follows:

HRTS V3001 Introduction to Human Rights

Seven additional human rights courses, one of which must be a seminar

Please see the ISHR undergraduate course list (<http://humanrightscolumbia.org/education/undergraduate/courses>) for the current list of courses that fulfill the concentration requirements.

COURSES

HRTS V3001 Introduction to Human Rights. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Ethics and Values.

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 2014: HRTS V3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3001	001/27287	M W 11:40am - 12:55pm 501 Schermerhorn Hall	Andrew Nathan	3	115/130

HRTS V3190 International Human Rights Law. 3 points.

Prerequisites: the department's permission. Please email humanrightscolumbia.org. Priority given to human rights majors & concentrators.

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.

Spring 2015: HRTS V3190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3190	001/24393	T 2:10pm - 4:00pm 402 Hamilton Hall	Dinah Po Kempner	3	17/20
HRTS 3190	002/98350	W 6:10pm - 8:00pm 309 Hamilton Hall	Belinda Cooper	3	18/20

HRTS W3930 International Humanitarian Law and Human Rights. 4 points.

Prerequisites: the instructor's permission. Please email the instructor at bc14@columbia.edu.

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 and civilians. 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 2015: HRTS W3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3930	001/73209	W 11:00am - 12:50pm 501 International Affairs Bldg	Bruce Cronin	4	12/20

HRTS W3950 Human Rights and Human Wrongs. 4 points.

Prerequisites: the instructor's permission. Please email 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 2014: HRTS W3950

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3950	001/26194 W	11:00am - 12:50pm 607 Hamilton Hall	Bruce Cronin	4	9/20

HRTS W3955 Narrative and Representation in Post-Conflict Societies. 3 points.

This course explores the relationship between narrative and the legacy of violence and atrocity in post-conflict societies, focusing particularly on the Holocaust, Cambodia, Rwanda and the former Yugoslavia (and more briefly Indonesia and Armenia). Examining a range of medium - including, but not limited to, eye-witness accounts, memoirs, history books, government reports, film, theater, memorials - we will consider how different narratives address issues of history and memory, justice and judgment. We will also discuss how narrative influences efforts to achieve reconciliation and come to terms with the past on both personal and societal levels. Does revisiting the past allow people who either suffered or inflicted terrible violence - or both - once again live together? Are there particular modes or genres of narrative that are particularly successful in terms of enabling societies to reflect on their past and respond adequately? Can justice and accountability ever be achieved? These are some of the questions we will consider as we examine the ways in which atrocities are written about, remembered, judged and interpreted.

Spring 2015: HRTS W3955

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3955	001/67855 W	2:10pm - 4:00pm 300 Union Theological Seminary	Ariella Lang	3	12/20

HRTS W3995 Human Rights Senior Seminar. 4 points.

Prerequisites: Priority given to human rights majors. 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 2014: HRTS W3995

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3995	001/72481 W	9:00am - 10:50am 401 Hamilton Hall	Peter Rosenblum	4	25/22

HRTS W3996 Human Rights Thesis Seminar. 3 points.

Prerequisites: HRTS W3995 Human Rights Senior Seminar. 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 2015: HRTS W3996

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 3996	001/62374 M	8:10pm - 10:00pm 501a International Affairs Bldg	Mila Rosenthal	3	2/10

HRTS G4300 Economic, Social and Cultural Rights in Policy and Practice. 3 points.

Prerequisites: the department's permission for non-HRSMA students. Email humanrightsed@columbia.edu

This course will address economic and social human rights through the lens of what is happening now in the early 21st century, in light of the enormous shifts that have taken place since the modern human rights movement first emerged in the aftermath of WWII. The course will address many of the central debates about economic and social rights and then examine how those debates apply to specific rights and topics including development, health, housing, work, food and education. Throughout, the course will examine how activists and policymakers have responded to all these changes, and ask what might lie ahead for the human rights movement in addressing economic and social rights in a multilateral, globalized world.

Fall 2014: HRTS G4300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4300	001/23143 M	8:10pm - 10:00pm 607 Hamilton Hall	Mila Rosenthal	3	14/20

HRTS G4404 Human Rights of Women. 3 points.

Prerequisites: the department's permission for non-HRSMA students. Email humanrightsed@columbia.edu

This course introduces students to a range of obstacles that have arisen - and continue to arise - in the struggle to make sure that women are treated as full and legitimate bearers of human rights as well as some of the significant critiques that have emerged from this struggle. The course provides a historical overview of conflicts over women's roles in family, the economy and the body politic and addresses gains women have made as well as challenges they face in relation to economic development, military conflict, domestic inequality, health, and religious and cultural beliefs. Materials provide a range of comparative views of advances and obstacles to women's rights in Latin America, Asia, Africa, Europe and the U.S. Students will also learn about significant instruments, strategies, and movements intended to remedy the inequalities that affect women.

Spring 2015: HRTS G4404

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4404	001/20524	Th 11:00am - 12:50pm 401 Kraft Center	Martha Saxton	3	12/20

HRTS G4410 Children's Rights: Selected Issues. 3 points.

Category: HRHP

Prerequisites: the department's permission for non-HRSMA students. Email humanrightsed@columbia.edu

This course will focus on both the theories surrounding, and practices of, children's rights. It will start from the foundational question of whether children should be treated as rights-holders and whether this approach is more effective than alternatives for promoting children's well-being. Consideration will be given to the major conceptual and developmental issues embedded within the framework of rights in the Convention on the Rights of the Child (CRC). The course will cover issues in both the domestic and international arenas, including but not limited to: children's rights in the criminal justice; children's rights to housing and health care; inequities in education systems; child labor; children and armed conflict; street children; the rights of migrant, refugee, homeless, and minority children; and the commodification of children. Case studies will be used to ensure that students have a solid understanding of current conditions. The course will also explore the US ratification of the CRC and offer critical perspectives on the advocacy and education-based work of international children's rights organizations.

Spring 2015: HRTS G4410

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4410	001/61949	M 4:10pm - 6:00pm 401 Hamilton Hall	Tracey Holland	3	14/20

HRTS G4810 Religion and Human Rights. 3 points.

Prerequisites: the department's permission for non-HRSMA students. Email humanrightsed@columbia.edu

The resurgence of religion over the past three decades has had a transformative influence globally and within nations. Religious nationalism, fundamentalism, and communalism have arisen to forcefully compete with secular democracy. With the fall of the Soviet bloc and the bilateralism of the Cold War, ethnic particularism, often of a religious character, has emerged as the locus of identity for people on all continents. These rapid changes engendered by a new, often commanding, role for religion challenge the very concept of individual and universal human rights. They raise difficult theoretical and painfully practical questions as to the preservation of individual human rights, and the relationship of democracy to religion. At the same time, recent currents such as economic globalization, the triumph of the free market, and the communications revolution promote individual autonomy, a cornerstone of human rights. There can be no doubt that religion will occupy an increasingly salient role in the social and political life of nations during the course of the 21st century. The relevance of religion to human rights in our time cannot be undervalued. The course examines the relationship of religion to human rights from several standpoints, including religion's role in abetting intolerance, religious minorities as victims of human rights violations, and religion as a framer of human rights ideals which inspire action.

Spring 2015: HRTS G4810

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4810	001/29812	Th 6:10pm - 8:00pm 401 Hamilton Hall	Joseph Chuman	3	9/20

HRTS G4210 Equality, Identity & Rights. 3 points.

Prerequisites: the department's permission for non-HRSMA students. Email humanrightsed@columbia.edu

This course examines one of the main dilemmas in human rights theory and practice: the balance between equality and identity. Such balance is studied in three different stages: the foundation for human rights, the content of human rights, and the goals sought in drafting a body of human rights' norms. In order to debate different concepts of equality and their connection to identity and difference, some core questions are explored: What type of equality are we looking for: complete equality of results, complete equality of opportunities, equal treatment, equality of respect, equal consideration of preferences, equality of resources, equality based on needs, equality of agency, equality of freedom? Is it equality for whom? Finally, the course discusses the rights of differently situated groups: national minorities, indigenous peoples, racial minorities, women, LGBT, persons with disabilities, children, and religious groups.

Spring 2015: HRTS G4210

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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HRTS 001/64840 M 6:10pm - 8:00pm Daniela 3 20/20
4210 607 Hamilton Hall Ikawa

HRTS G4215 The International Human Rights Movement: Past, Present and Future. 3 points.

Prerequisites: the department's permission for non-HRSMA students. Email humanrightsed@columbia.edu.

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 2014: HRTS G4215

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4215	001/63000	M 4:10pm - 6:00pm 501a International Affairs Bldg	Louis Bickford	3	7/20

HRTS G4320 Human Rights and Foreign Policy. 3 points.

Prerequisites: Prerequisites: the department's permission for non-HRSMA students. Email humanrightsed@columbia.edu. Human rights play a distinctive role as "the political utopia" in contemporary international life. Still, human rights violations remain widespread and human rights norms are still the focus of numerous controversies, from their definition to their protection and promotion by various international actors with different moral and strategic agendas. This course will examine the place of human rights in the foreign policies of the US and a number of other countries around the globe. The course explores the social construction of human rights and national interests as well as the context, instruments, and tradeoffs in the formulation and implementation human rights foreign policies. Some of the questions this class will consider include: What are human rights and how is their protection best assessed? How have different states promoted and contributed to the violation of human rights abroad? How does human rights promotion strengthen and undermine other foreign policy goals? What's the role of non-state actors in the promotion and violation of human rights across the globe? When has the impact of the human rights norms and regimes been the greatest and when have the efforts of state and non-state actors to promote human rights at home and abroad made the most difference?

Spring 2015: HRTS G4320

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HRTS 4320	001/10089	T 8:10pm - 10:00pm 501a International Affairs Bldg	Tsveta Petrova	3	11/20

OF RELATED INTEREST

Please see the ISHR undergraduate course list (<http://humanrightscolumbia.org/education/undergraduate/courses>) 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: Asst. 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 V3335 Advanced Italian-ITAL V3336 Advanced Italian II: Italian Language & Culture or ITAL V3337 Advanced Italian Through Cinema.) as well as one of the following two sequences:

- Introduction to Italian Literature I and II (ITAL V3333-ITAL V3334) 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 W4502- ITAL W4503) 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.

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 V3993 Senior Thesis Seminar, will count for three 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.

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. It is recommended that advanced undergraduate students take Stylistics (ITAL W4000) if they are considering graduate studies in Italian or a career that requires superior command of spoken and written Italian.

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 (<http://www.italianacademy.columbia.edu/>), 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 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 V3993 Senior Thesis Seminar. Normally, departmental honors are awarded to no more than one graduating senior.

FACULTY PROFESSORS

Teodolinda Barolini (on sabbatical)
Jo Ann Cavallo (Chair)
Elizabeth Leake

ASSOCIATE PROFESSOR

Nelson Moe (Barnard)

ASSISTANT PROFESSOR

Pier Mattia Tommasino

SENIOR LECTURERS

Maria Luisa Gozzi
Barbara Spinelli
Carol Rounds (Hungarian)

LECTURERS

Felice Italo Beneduce
Patrizia Palumbo
Federica Franze
Alessandra Saggin

REQUIREMENTS 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 V1101 Elementary Italian
- ITAL V1102 and Elementary Italian

ITAL V1201 Intermediate Italian
- ITAL V1202 and Intermediate Italian

For students planning to enroll in Intensive Italian courses, a minimum of three semesters of Italian language instruction is required, such as:

ITAL V1121 Intensive Elementary Italian
- ITAL V1201 and Intermediate Italian
- ITAL V1202 and Intermediate Italian

ITAL V1101 Elementary Italian
- ITAL V1102 and Elementary Italian
- ITAL V1203 and Intensive Intermediate Italian

ITAL V1121 Intensive Elementary Italian
- ITAL V1203 and Intensive Intermediate Italian

And one of the following:

ITAL V3335 Advanced Italian

ITAL V3336 Advanced Italian II: Italian Language & Culture

ITAL V3337 Advanced Italian Through Cinema.

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 to the major or concentration.

MAJOR IN ITALIAN LITERATURE

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 V1302, to include the following:

Two semesters of Italian Literature

ITAL V3333 Introduction To Italian Literature, I
- ITAL V3334 and Introduction To Italian Literature, II

Two semesters of Advanced Italian

ITAL V3335 Advanced Italian
- ITAL V3336 and Advanced Italian II: Italian Language & Culture
or ITAL V3337 Advanced Italian Through Cinema.

Additional Courses

ITAL V3993 Senior Thesis Seminar (or another course in Italian literature or culture)

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.

MAJOR IN ITALIAN CULTURAL STUDIES

Please read *Guidelines for all Italian Majors and Concentrators* above.

Requirements

The major in Italian cultural studies requires a minimum of 30 points in Italian courses numbered above the intermediate level, i.e. above ITAL V1302, to include the following:

Two semesters of Advanced Italian

ITAL V3335 Advanced Italian
- ITAL V3336 and Advanced Italian II: Italian Language & Culture
or ITAL V3337 Advanced Italian Through Cinema.

Two semesters of Italian Cultural Studies

ITAL W4502 Italian Cultural Studies I: From Unification to World War I
- ITAL W4503 and Italian Cultural Studies II: From World War I to the Present

Additional Courses

Select at least two other courses from the department's W4000-level courses.

ITAL V3993 Senior Thesis Seminar (or another course in Italian literature or culture)

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.

CONCENTRATION IN ITALIAN LITERATURE

Please read *Guidelines for all Italian Majors and Concentrators* above.

The concentration in Italian literature requires a minimum of 24 points in Italian courses numbered above the intermediate level, i.e. above ITAL V1302, to include the following:

Two semesters of Italian Literature

ITAL V3333 Introduction To Italian Literature, I
- ITAL V3334 and Introduction To Italian Literature, II

Two semesters of Advanced Italian

ITAL V3335 Advanced Italian
- ITAL V3336 and Advanced Italian II: Italian Language & Culture
or ITAL V3337 Advanced Italian Through Cinema.

CONCENTRATION IN ITALIAN CULTURAL STUDIES

Please read *Guidelines for all Italian Majors and Concentrators* above.

The concentration in Italian cultural studies requires a minimum of 24 points in Italian courses numbered above the intermediate level, i.e. above ITAL V1302, to include the following:

One semester of Advanced Italian

ITAL V3335 Advanced Italian

Two semesters of Italian Cultural Studies

ITAL W4502 Italian Cultural Studies I: From Unification to World War I
- ITAL W4503 and Italian Cultural Studies II: From World War I to the Present

Additional Courses

Select at least two other courses from the department's W4000-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 culture.

COURSES

ITALIAN COURSES

ITAL V1101 Elementary Italian. *4 points.*

Enrollment limited. Prerequisite for V1102: ITAL V1101 or the equivalent. Introduction to Italian grammar, with emphasis on reading, writing, listening and speaking skills.

Fall 2014: ITAL V1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/65263	M T W Th 9:00am - 9:50am 509 Hamilton Hall	Francis Hittinger	4	15/18
ITAL 1101	002/19101	M T W Th 10:00am - 10:50am 303 Altschul Hall	Carlo Arrigoni	4	10/18
ITAL 1101	003/11007	M T W Th 10:00am - 10:50am 509 Hamilton Hall	Alessandra Saggin	4	5/18
ITAL 1101	004/61296	M T W Th 11:00am - 11:50am 507 Hamilton Hall	Alessandra Saggin	4	9/18
ITAL 1101	005/26700	M T W Th 12:00pm - 12:50pm 511 Hamilton Hall	Nassime Chida	4	15/18

Spring 2015: ITAL V1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/64568	M T W Th 9:00am - 9:50am 511 Hamilton Hall	Lynn MacKenzie	4	15/18
ITAL 1101	002/76217	T Th F 1:10pm - 2:25pm 509 Hamilton Hall	Lynn MacKenzie	4	15/16

ITAL W1101 Elementary Italian. *4 points.*

Limited enrollment. Same course as ITAL V1101-V1102. Prerequisite for W1102: ITAL W1101 or the equivalent.

Fall 2014: ITAL W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1101	001/68467	M T W Th 9:00am - 9:50am 315 Hamilton Hall	Luke Rosenau	4	12/18
ITAL 1101	002/76114	M T W Th 1:00pm - 1:50pm 507 Hamilton Hall	Alessandra Saggin	4	15/18

ITAL V1102 Elementary Italian. *4 points.*

Enrollment limited. Prerequisite for V1102: ITAL V1101 or the equivalent. Introduction to Italian grammar, with emphasis on reading, writing, listening and speaking skills.

Fall 2014: ITAL V1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1102	001/62231	M T W Th 9:00am - 9:50am 511 Hamilton Hall	Allison DeWitt	4	12/18
ITAL 1102	002/68999	T Th F 1:10pm - 2:25pm 509 Hamilton Hall	Julianna Visco	4	7/18

Spring 2015: ITAL V1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1102	001/64032	M T W Th 9:00am - 9:50am 509 Hamilton Hall	Francis Hittinger	4	10/16
ITAL 1102	002/28566	M T W Th 10:00am - 10:50am 317 Hamilton Hall	Carlo Arrigoni	4	7/18
ITAL 1102	003/16619	M T W Th 10:00am - 10:50am 509 Hamilton Hall	Alessandra Saggin	4	14/16
ITAL 1102	004/72192	M T W Th 11:00am - 11:50am 507 Hamilton Hall	Alessandra Saggin	4	3/16
ITAL 1102	005/21500	M T W Th 12:00pm - 12:50pm 511 Hamilton Hall	Nassime Chida	4	7/18

ITAL W1102 Elementary Italian. *4 points.*

Limited enrollment. Same course as ITAL V1101-V1102. Prerequisite for W1102: ITAL W1101 or the equivalent.

Spring 2015: ITAL W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1102	001/75251	M T W Th 9:00am - 9:50am 315 Hamilton Hall	Luke Rosenau	4	14/16
ITAL 1102	002/24870	M T W Th 1:00pm - 1:50pm 507 Hamilton Hall	Alessandra Saggin	4	12/16

ITAL V1121 Intensive Elementary Italian. *6 points.*

Limited enrollment. No previous knowledge of Italian required. An intensive course that covers two semesters of elementary Italian in one, and prepares students to move into Intermediate Italian. Grammar, reading, writing, and conversation. May be used to fulfill the language requirement only if followed by an additional two (2) semesters of Italian language. ITAL V1201x-V1202y, or ITALV1203y and ITAL V3333, V3334, V3335, or V3336, for a total of three(3) semesters of Italian Language.

Fall 2014: ITAL V1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1121	001/21456	F 12:10pm - 2:00pm 507 Hamilton Hall	Barbara Spinelli	6	12/18

ITAL 001/21456 T Th 12:10pm - 2:00pm Barbara 6 12/18
1121 613 Hamilton Hall Spinelli

Spring 2015: ITAL V1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1121	001/20067	T Th F 12:10pm - 2:00pm 613 Hamilton Hall	Barbara Spinelli	6	9/16

ITAL V1201 Intermediate Italian. 4 points.

Prerequisites: For *V1201: ITAL V1102 W1102* or the equivalent; for *V1202: 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.

Limited enrollment. A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material. Lab: hours to be arranged. ITAL V1202 fulfils the basic foreign language requirement and prepares students for advanced study in Italian language and literature.

Fall 2014: ITAL V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1201	001/23166	M T W Th 9:00am - 9:50am 507 Hamilton Hall	Felice Beneduce	4	18/18
ITAL 1201	002/16379	M T W Th 12:00pm - 12:50pm 507 Hamilton Hall	J. Alessia Palanti	4	11/18
ITAL 1201	003/70489	M T W Th 3:10pm - 4:00pm 507 Hamilton Hall	Patrizia Palumbo	4	8/18
ITAL 1201	004/27661	M T W Th 4:10pm - 5:00pm 507 Hamilton Hall	Patrizia Palumbo	4	10/18

ITAL W1201 Intermediate Italian I and II. 4 points.

Prerequisites: For *W1201: ITAL V1102 W1102* or the equivalent; for *W1202: 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.

Same course as ITAL V1201-V1202. Limited enrollment.

Prerequisite for W1202: ITAL W1201 or the equivalent.

Fall 2014: ITAL W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1201	001/61032	M T W Th 8:00am - 8:50am 507 Hamilton Hall	Felice Beneduce	4	5/18
ITAL 1201	002/16732	T Th F 10:10am - 11:25am	Matteo Pace	4	6/18

511 Hamilton Hall

Spring 2015: ITAL W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1201	001/19020	M T W Th 9:00am - 9:50am 413 Hamilton Hall	Federica Franze	4	12/18
ITAL 1201	002/15669	M T W Th 10:00am - 10:50am 413 Hamilton Hall	Federica Franze	4	4/18

ITAL V1202 Intermediate Italian. 4 points.

Prerequisites: For *V1201: ITAL V1102 W1102* or the equivalent; for *V1202: 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.

Limited enrollment. A review of grammar, intensive reading, composition, and practice in conversation. Exploration of literary and cultural material. Lab: hours to be arranged. ITAL V1202 fulfils the basic foreign language requirement and prepares students for advanced study in Italian language and literature.

Spring 2015: ITAL V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1202	001/69656	M T W Th 9:00am - 9:50am 507 Hamilton Hall	Felice Beneduce	4	16/16
ITAL 1202	002/28620	M T W Th 12:00pm - 12:50pm 507 Hamilton Hall	J. Alessia Palanti	4	7/16
ITAL 1202	003/63608	M T W Th 3:10pm - 4:00pm 507 Hamilton Hall	Patrizia Palumbo	4	11/16
ITAL 1202	004/21487	M T W Th 4:10pm - 5:00pm 507 Hamilton Hall	Patrizia Palumbo	4	17/18

ITAL W1202 Intermediate Italian I and II. 4 points.

Prerequisites: For *W1201: ITAL V1102 W1102* or the equivalent; for *W1202: 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.

Same course as ITAL V1201-V1202. Limited enrollment.

Prerequisite for W1202: ITAL W1201 or the equivalent.

Fall 2014: ITAL W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1202	001/71689	M T W Th 9:00am - 9:50am 413 Hamilton Hall	Federica Franze	4	7/16

ITAL 1202	002/23271 M T W Th 10:00am - 10:50am 413 Hamilton Hall	Federica Franze	4	7/16
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Spring 2015: ITAL W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1202	001/70858	M T W Th 8:00am - 8:50am 507 Hamilton Hall	Felice Beneduce	4	7/16
ITAL 1202	002/68556	T Th 10:10am - 11:25am 408 Hamilton Hall	Matteo Pace	4	3/16
ITAL 1202	002/68556	F 10:10am - 11:25am 511 Hamilton Hall	Matteo Pace	4	3/16

ITAL V1203 Intensive Intermediate Italian. 6 points.

Prerequisites: *ITAL V1102* or the equivalent.

Prerequisites: ITAL V1102 or equivalent, with a grade of B + or higher. Limited enrollment. 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 if preceded by both V1101 and V1102. Students who wish to use this course for the language requirement, and previously took Intensive Elementary, are also required to take at least one of the following: ITAL V3333, V3334, V3335, or V3336, for a total of three (3) semesters of Italian Language.

Fall 2014: ITAL V1203

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1203	001/19851	T Th F 10:10am - 12:00pm 255 International Affairs Bldg	Maria Luisa Gozzi	6	3/18

Spring 2015: ITAL V1203

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1203	001/11754	T Th F 10:10am - 12:00pm 254 International Affairs Bldg	Maria Luisa Gozzi	6	7/16

ITAL W1204 Rapid Reading and Translation. 3 points.

Primarily for graduate students and others who need to develop their reading knowledge of Italian. Grammar and vocabulary review; practice in reading and translating Italian from a variety of fields, including literature, art history, and political science, 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 2014: ITAL W1204

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1204	001/17270 T 4:10pm - 6:00pm 406 Hamilton Hall	Maria Luisa Gozzi	3	5/18	

ITAL W1221 Intermediate Conversation. 2 points.

Prerequisites: *ITAL W1112* or sufficient fluency to satisfy the instructor.

Recommended parallel: *ITAL V1201-V/W1202* or *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.

Fall 2014: ITAL W1221

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1221	001/24017	T Th 10:10am - 11:25am 408 Hamilton Hall	Barbara Spinelli	2	5/16

ITAL W1222 Intermediate Conversation. 2 points.

Prerequisites: *ITAL W1112* or sufficient fluency to satisfy the instructor.

Recommended parallel: *ITAL V1201-V/W1202* or *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 2015: ITAL W1222

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1222	001/63533 T Th 10:10am - 11:25am 511 Hamilton Hall	Barbara Spinelli	2	9/18	

ITAL V1231 Intermediate Italian I and II With Opera: Italian for Opera Lovers. 4 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *ITAL V1102* or the equivalent.

A review of grammar, extensive reading, composition, and practice, with masterpieces of Italian opera providing a context for language study and practice on the intermediate level. No specialized musical knowledge is required. This course is the equivalent of the sequence ITAL V1201-V1202 and covers the same grammatical material

ITAL V1232 Intermediate Italian I and II With Opera: Italian for Opera Lovers. 4 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *ITAL V1102* or the equivalent.

A review of grammar, extensive reading, composition, and practice, with masterpieces of Italian opera providing a context for language study and practice on the intermediate level. No

specialized musical knowledge is required. This course is the equivalent of the sequence ITAL V1201-V1202 and covers the same grammatical material

ITAL V1301 Accelerated Elementary Italian. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: completion of the language requirement, knowledge of another Romance language, and permission of the department.

Two-semester course is recommended for students who have already completed the language requirement in another language and can acquire Italian at a faster pace than the ITAL V1101-V1102/W1101-W1102 sequence. Covers the equivalent of a full year of first-year Italian grammar and then moves on to intensive writing and to reading literary texts in Italian. Students who wish to further their studies in Italian may continue on to ITAL V1201-V1202/W1201-W1202.

ITAL V1302 Accelerated Elementary Italian. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: completion of the language requirement, knowledge of another Romance language, and permission of the department.

Two-semester course is recommended for students who have already completed the language requirement in another language and can acquire Italian at a faster pace than the ITAL V1101-V1102/W1101-W1102 sequence. Covers the equivalent of a full year of first-year Italian grammar and then moves on to intensive writing and to reading literary texts in Italian. Students who wish to further their studies in Italian may continue on to ITAL V1201-V1202/W1201-W1202.

ITAL W1311 Advanced Conversation. 2 points.

Prerequisites: *ITAL W1222* or sufficient fluency to satisfy the instructor. Recommended parallel: *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.

Fall 2014: ITAL W1311

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1311	001/69855	T Th 11:40am - 12:55pm 509 Hamilton Hall	Federica Franze	2	11/16

ITAL W1312 Advanced Conversation. 2 points.

Prerequisites: *ITAL W1222* or sufficient fluency to satisfy the instructor. Recommended parallel: *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.

Spring 2015: ITAL W1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 1312	001/16274	T Th 6:10pm - 7:25pm 507 Hamilton Hall	Patrizia Palumbo	2	9/18

ITAL V3235 The Representation of Women In Medieval and Modern Italian Literature. 3 points.
Not Offered During 2014-15 Academic Year.

An examination of the image of women and the forms of their representation in Italian literary production. Issues such as exemplarity, gender construction, and the sociopolitical influences on writing will be discussed in light of works by 14th- and 20th-century authors

ITAL V3333 Introduction To Italian Literature, I. 3 points.

Prerequisites: *ITAL V1202* or *W1202* or the equivalent. V3334x-V3333y is the basic course in Italian literature. V3333: Authors and works from the Duecento to the Cinquecento. Taught in Italian.

Fall 2014: ITAL V3333

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3333	001/68112	T Th 11:40am - 12:55pm 315 Hamilton Hall	Paola Castagna	3	10/18

ITAL V3334 Introduction To Italian Literature, II. 3 points.

Prerequisites: *ITAL V1202* or *W1202* or the equivalent. V3334x-V3333y is the basic course in Italian literature. V3334: Authors and works from the Cinquecento to the present. Taught in Italian.

Spring 2015: ITAL V3334

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3334	001/14456	T Th 11:40am - 12:55pm 315 Hamilton Hall	Paola Castagna	3	4/18

ITAL V3335 Advanced Italian. 3 points.

Prerequisites: *ITAL V1202* or *W1202* or the equivalent. \nIf 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.

Fall 2014: ITAL V3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3335	001/71433	T Th 6:10pm - 7:25pm 507 Hamilton Hall	Patrizia Palumbo	3	17/16

Spring 2015: ITAL V3335

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3335	001/11046	M W 11:40am - 12:55pm 316 Hamilton Hall	Federica Franze	3	3/18

ITAL V3336 Advanced Italian II: Italian Language & Culture. 3 points.

Prerequisites: ITAL V3335

Advanced reading, writing, speaking with emphasis on authentic cultural materials. Topic and semester theme varies.

Spring 2015: ITAL V3336

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3336	001/60526	M W 11:40am - 12:55pm 509 Hamilton Hall	Felice Beneduce	3	13/18

ITAL V3337 Advanced Italian Through Cinema.. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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. ITAL V3335 is a prerequisite.

Fall 2014: ITAL V3337

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3337	001/26680	M W 11:40am - 12:55pm 509 Hamilton Hall	Felice Beneduce	3	16/18

ITAL W3480 Italian Renaissance Epic and Its Classical Heritage. 3 points.

Not Offered During 2014-15 Academic Year.

Close analysis of selected episodes from Boiardo's *Orlando Innamorato*, Ariosto's *Orlando Furioso*, and Tasso's *Gerusalemme Liberata*, that are creative rewritings of episodes in Homer, Virgil, and Ovid. In addition to discussing how the Renaissance poets create meaning in relation to their classical counterparts, we will look at such issues as gender and ethnicity, ethics and allegory, and politics and ideology. In English

ITAL V3642 Italian Film: Imagining the Nation. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Corequisites: Cap at 25.

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).

ITAL V3650 Italian Theatre Practicum. 3 points. Not Offered During 2014-15 Academic Year.

Students study and discuss in depth a major Italian play that they will collectively perform at the conclusion of the semester. Particular attention to grammar, pronunciation, meaning of the play, character exploration, and acting techniques. All classes and conversations are conducted in Italian. Course may be repeated for credit; content varies. In Italian

ITAL V3993 Senior Thesis Seminar. 3 points.

Prerequisites: Permission of the instructor required.

Advanced research seminar for senior Italian majors aimed at guiding them in the writing of their thesis. Readings and discussions will encourage reflection on the significance of doing scholarship within a specific disciplinary context as well as the challenges and rewards of interdisciplinary research. Thesis topic to be chosen in consultation with the instructor; a second faculty member may be the primary director of the thesis.

Fall 2014: ITAL V3993

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3993	001/00308		Nelson Moe	3	0

Spring 2015: ITAL V3993

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 3993	001/82199		Jo Ann Cavallo	3	0
ITAL 3993	002/07698		Nelson Moe	3	1

ITAL G4000 Research In the Humanities: a Practicum On Resources and Methods. 1.5 point.

Introduction to bibliographic resources and their organization in both printed and electronic formats that are fundamental to advanced research

ITAL W4000 Stylistics. 3 points.

Prerequisites: ITAL V3336 or the equivalent and instructor's permission.

Students read short texts, analyze the anatomy of an Italian essay, observe and practice sophisticated sentence structures, solidify their knowledge and usage of Italian grammar, and expand their vocabulary. After discussing and analyzing examples of contemporary prose, students will integrate the structures and vocabulary they have acquired into their own writing.

Spring 2015: ITAL W4000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4000	001/12135	T Th 6:10pm - 7:25pm 406 Hamilton Hall	Maria Luisa Gozzi	3	6

ITAL G4005 Italian Lyric Poetry, I-II. 3 points.
Not Offered During 2014-15 Academic Year.

Developments and trends from the Duecento to our time; in-depth textual analysis of representative texts. Variable content course; may be repeated for credit

ITAL G4006 Italian Lyric Poetry, I-II. 3 points.
Not Offered During 2014-15 Academic Year.

Developments and trends from the Duecento to our time; in-depth textual analysis of representative texts. Variable content course; may be repeated for credit

ITAL G4009 Development of the Italian Language. 3 points.

The external history and internal development of the Italian language from its origins to the present.

ITAL G4010 Italian Travel Literature to Jerusalem, Egypt and Asia (13th-17th c.). 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Knowledge of Italian

The seminar offers an interdisciplinary analysis of several travellogues to the Middle East and beyond, written in Italian between the 13th and the 17th century. Using this approach, perspective, and secondary readings from the field of literary criticism and textual bibliography - and with the addition of many interdisciplinary readings - we will discuss the role of Italy and the Italian language in the making of a transnational literary genre.

ITAL W4012 The Theory and Practice of Writing: Laboratorio di scrittura. 3 points.
Not Offered During 2014-15 Academic Year.

Development of advanced reading and conversational skills. Close reading and extensive practice writing in a variety of genres which will include: the letter, the diary, the essay, the critical review, and will focus especially on the composition of short stories and vignettes. *In Italian.*

ITAL G4015 Italian Food in a Globalized World. 3 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 G4018 Renaissance Italy and the Ottoman Empire. 3 points.

The main focus of this seminar is the analysis and the discussion of a specific Renaissance literary genre. The *turcica* were texts on the Turks and the Ottoman Empire written approximately between the Conquest of Constantinople (1453) and the battle of Vienna (1683). The genre includes military reports, histories, and genealogies of the Ottoman empire, ethnographic accounts and polemical pamphlets. Through an in-depth analysis of primary source, we will discuss the role of the Ottoman Empire in the self-definition of European identity, with a particular interest in the Italian historians and orientalists. PDFs or photocopies of the texts will be distributed one week before each class meeting so that students may prepare them for discussion.

Spring 2015: ITAL G4018

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4018	001/12780	W 2:10pm - 4:00pm 501 Hamilton Hall	Pier Mattia Tommasino	3	2

ITAL W4018 The Theory and Practice of Writing II: Laboratorio di Traduzione. 3 points.

Experiments and analyses of translations, especially from literary texts, from English into Italian and from Italian into English. Classroom discussion of aspects of the translation process, and of the general interpretation of the translated texts. Each student will keep a "Translation Notebook." *In Italian*

ITAL W4020 Mediterranean contacts, Mediterranean conflicts. 3 points.

Was Dante influenced by Arabic literature? And what about Petrarch? What can we learn about the problem of salvation in three Faiths reading Boccaccio? Which Saladin did Paolo Giovio choose for his Renaissance gallery of portraits? This course proposes a new approach to Medieval and Early Modern Italian Literature. We will read classics of Italian Literature, such as Dante, Petrarch and Boccaccio, focusing on historical and religious issues such as exile and translation or trans-confessional nobility. This course will give you insight into and philological tools to engage in the current debate about religions of the Mediterranean. We will analyze primary

sources such as Dante's Comedy, Boccaccio's Decameron and Massuccio's novelle, with the aim to discuss scholarly works about Christian and Muslim interactions, tolerance and salvation, and anti-Judaism.

Fall 2014: ITAL W4020

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4020	001/12183	M W 4:10pm - 5:25pm 408 Hamilton Hall	Pier Mattia Tommasino	3	9

ITAL W4030 Tasso. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisite: reading knowledge of Italian. Tasso as a poet and literary theorist through an analysis of Rinaldo, Aminta and Gerusalemme Liberata and discussion of Dialoghi. Emphasis on epic and pastoral precedents, contemporary philosophical currents, the moral and political influence of the Counter Reformation

ITAL W4039 Imitation and Innovation In Italian Renaissance Theatre. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisite: knowledge of Italian. A study of several 16th-century Italian plays, focussing on comedy, but also exploring tragedy, favola, pastoral, and tragicommedia. Plays by Bernardo Dovizi da Bibbiena, Ariosto, Machiavelli, Bruno, Aretino, Trissino, Tasso, and Guarini

ITAL G4042 Allegorical Fiction of the Italian Renaissance and Its Classical and Medieval Heritage. 3 points.

Not Offered During 2014-15 Academic Year.

The evolution of the allegorical literary tradition from the classical and medieval periods to its development in Italian Renaissance fiction. Allegorical commentaries of the Aenid, the Roman de la Rose, Petrarch's Trionfi, Boccaccio's Amorous vision, Poliziano's Stanze, selections of Boiardo's Orlando Innamorato and Ariosto's Orlando Furioso, and Machiavelli's Asino d'oro

ITAL W4048 Women In the Italian Renaissance. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisite: reading knowledge of Italian. An examination of 15th- and 16th-century writings by women and about women. The education of women, women and the family, the notion of women and the woman writer, women at court, and querelle des femme, poet-courtesans, rape and pornography

ITAL G4050 The Medieval Lyric: From the Scuola Siciliana To Dante. 3 points.

This course maps the origins of the Italian lyric, starting in Sicily and following its development in Tuscany, in the poets of the dolce stil nuovo and ultimately, Dante. Lectures in English; text in Italian, although comparative literature

students who can follow with the help of translations are welcome.

ITAL G4051 Ideology and Politics In Italian Renaissance Literature. 3 points.

Not Offered During 2014-15 Academic Year.

Moves from political and historical to literary text; examines each author's perspective on the sociopolitical issues that dominated Italian Renaissance culture. Major authors (e.g., L. B. Alberti, Guicciardini, Ariosto) and lesser-known ones.

ITAL G4053 Contemporary Italian Literature, I-II (In Italian). 3 points.

Not Offered During 2014-15 Academic Year.

From D'Annunzio and Pirandello to the poets and novelists of our day. Variable-content course; may be repeated for credit.

ITAL G4054 Contemporary Italian Literature, I-II (In Italian). 3 points.

Not Offered During 2014-15 Academic Year.

From D'Annunzio and Pirandello to the poets and novelists of our day. Variable-content course; may be repeated for credit.

ITAL W4055 Anthropology of Contemporary Italy: Pluralism, Creativity and Identity. 3 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.

Fall 2014: ITAL W4055

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4055	001/82797	Th 4:10pm - 6:00pm 401 Hamilton Hall	Barbara Faedda	3	8

ITAL G4058 Italian Romanticism In Its European Context. 3 points.

Not Offered During 2014-15 Academic Year.

The different aspects of Italian Romanticism, and its complex relations with the German and English movements.

ITAL G4059 19th-Century Italian Short Fiction: Verga and Pirandello. 3 points.

Not Offered During 2014-15 Academic Year.

A close reading of a selection of short stories (novelle) by two authors, with reference to the social and historical environment of southern Italy.

ITAL G4060 Italian Quattrocento Civic Humanism. 3 points.

Not Offered During 2014-15 Academic Year.

Moral philosophy, art and literary theory, history, and educational methods in the writings of Coluccio Salutati, Leonardo Bruni, Poggio Bracciolini, Matteo Palmieri, L.B. Alberti, Guarino Veronese and his son Battista, and Lorenzo Valla.

ITAL W4060 Italian Quattrocento Civic Humanism. 3 points.

Not Offered During 2014-15 Academic Year.

Discussion of texts by the major 15th-century humanist writers including Coluccio Salutati, Leonardo Bruni, Poggio Bracciolini, Matteo Palmieri, L.B. Alberti, and Guarino da Verona. Students can read texts in Latin, Italian, and/or English.

ITAL G4062 Alfieri and Foscolo. 3 points.

Not Offered During 2014-15 Academic Year.

Focus on the two authors in the context of European Romanticism (German and English). Attention to the legacy of classical antiquity in Foscolo's formation, evidenced in his poetical, critical and philological works.

ITAL G4066 The World Beyond Europe in Italian Renaissance Literature. 3 points.

Not Offered During 2014-15 Academic Year.

This course will explore encounters with the lands and peoples of Asia and Africa in a selection of Italian fictional works from the fifteenth and sixteenth centuries, with attention to the historical and literary context. Classes will be in English, but many of the works are available in Italian only.

ITAL G4072 Manzoni. 3 points.

Not Offered During 2014-15 Academic Year.

One of the most significant prose writers of the 19th century, Manzoni is an emblematic representative of the Catholic tradition. His major works read in the context of European debates on Romanticism. Manzoni's European dimension is assessed at the levels of the genesis of individual works and their critical reception.

ITAL G4074 Montale [In Italian]. 3 points.

Not Offered During 2014-15 Academic Year.

Montale's work, against the background of Italian and European poetry.

ITAL G4079 Boccaccio's *Decameron*. 3 points.

*ITALIAN MAJORS AND ITALIAN DEPT GRADUATE STUDENTS MUST REGISTER FOR SECTION 001*While focusing on the *Decameron*, this course follows the arc of Boccaccio's career from the *Ninfale Fiesolano*, through the *Decameron*, and concluding with the *Corbaccio*, using the treatment of women as the connective thread. The *Decameron* is read in the light of its cultural density and contextualized in terms of its antecedents, both classical and vernacular, and of its intertexts, especially Dante's *Commedia*, with particular attention to Boccaccio's masterful exploitation of narrative as a means for undercutting all absolute certainty. Lectures in English; text in Italian, although comparative literature students who can follow with the help of translations are welcome.

ITAL G4086 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 G4088 Beyond Petrarchism: Women's Voices In the Italian Renaissance. 3 points.

Not Offered During 2014-15 Academic Year.

Explore the cultural relevance of women's poetry in the male-dominated literature of the Italian Renaissance. Emphasis on such notions as gender, selfhood, politics, power and tradition. The authors considered are: Gaspara Stampa, Vittoria Colonna, Veronica Gambara, Veronica Franco, Chiara Matraini, Isabella Di Morra, Laura Terracina, Tullia d'Aragona

ITAL G4089 Petrarch's *Canzoniere*. 3 points.

A reading of the *Canzoniere* that explicates Petrarch not only as he fashions himself authorially in contrast to Dante, but brings 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 this new genre-the lyric sequence-as well as read Petrarch's *Secretum* and *Trionfi*. Lectures in English; text in Italian, although comparative literature students who can follow with the help of translations are welcome.

ITAL G4090 Giacomo Leopardi In His European Context: a Comparative Perspective. 3 points.

Not Offered During 2014-15 Academic Year.

Kindred spirit to Wordsworth, Shelley, Keats, and Hölderlin, Leopardi's 19th-century Romantic sensibility is deeply intertwined with classicism; the Hellenic ideal reworked into a personal philosophy on a par with Schopenhauer and Nietzsche. His poetic achievement and clarity of vision a crucial term of comparison in the foundations of modernity.

ITAL G4091 Machiavelli. 3 points.

Not Offered During 2014-15 Academic Year.

Focus on the principal works of Machiavelli in an effort to understand the various facets of his complex and at times seemingly contradictory literary personality. His role as political scientist, historian, comic playwright, and short story writer. In English.

ITAL W4091 Dante's *Divina Commedia* I & II. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: SECTION 001: Reading knowledge of Italian. SECTION 002: None.

ITALIAN MAJORS AND ITALIAN DEPT GRADUATE STUDENTS MUST REGISTER FOR SECTION 001

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.

ITAL W4092 Dante's *Divina Commedia* I & II. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: SECTION 001: Reading knowledge of Italian. SECTION 002: None.

ITALIAN MAJORS AND ITALIAN DEPT GRADUATE STUDENTS MUST REGISTER FOR SECTION 001

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.

ITAL G4093 Machiavelli and Castiglione. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisite: instructor's permission. Focus on Machiavelli's Prince and Castiglione's Book of the Courtier as philosophical, sociopolitical, historical, and literary documents: points of comparison between the two works.

ITAL G4094 Italian Philosophical and Theoretical Culture: From Vico To Weak Thought. 3 points.

Not Offered During 2014-15 Academic Year.

An intellectual history of modern and contemporary Italy; the canonical figures (Vico, Leopardi, De Sanctis, Labriola, Croce, Gentile, Gramsci, Della Volpe, Vattimo, Eco, Cacciari, Tafuri); articulation of the difference of Italian philosophical and theoretical culture; the post-1968 explosion of theory under—and at times against—the sign of postmodernism; negative and weak thought and developments in feminist theory.

ITAL G4097 The Italian Renaissance Romance Epic, I and II. 3 points.

An in-depth study of Italy's two major romance epics, Boiardo's Orlando Innamorato and Ariosto's Orlando Furioso, in their literary and historical contexts. Topics include creative imitation, genre, allegory, ideology, and politics. Attention will also be given to the place of these two texts in the global history of the epic.

Fall 2014: ITAL G4097

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4097	001/16756	M 2:10pm - 4:00pm 501 Hamilton Hall	Jo Ann Cavallo	3	10

ITAL G4098 The Italian Renaissance Romance Epic, I and II. 3 points.

An in-depth study of Italy's two major romance epics, Boiardo's Orlando Innamorato and Ariosto's Orlando Furioso, in their literary and historical contexts. Topics include creative imitation, genre, allegory, ideology, and politics. Attention will also be given to the place of these two texts in the global history of the epic.

Spring 2015: ITAL G4098

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4098	001/11340	M 2:10pm - 4:00pm 501 Hamilton Hall	Jo Ann Cavallo	3	9

ITAL G4100 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.

Fall 2014: ITAL G4100

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4100	001/29029	T 2:10pm - 4:00pm 501 Hamilton Hall	Elizabeth Leake	3	7

ITAL G4102 Renaissance Chivalric Epic and Folk Performance Traditions. 3 points.

Not Offered During 2014-15 Academic Year.

This course will examine a selection of chivalric narratives, primarily episodes from Boiardo and Ariosto, as they pass from written word to theatrical performance in the form of Sicilian puppet theater and Tuscan-Emilian epic *Maggi* (folk opera). Classes will be in English, but the performances and some readings are in Italian without available translations.

ITAL G4103 Forgotten Best-Sellers of the Cinquecento. 3 points.

Not Offered During 2014-15 Academic Year.

Examines popular romances that were frequently printed during the 16th century but are not part of the current canon. These lesser-known works not only provide an important context for the evolution of the romance-epic genre and the novel, they also help us understand the socio-historical and cultural climate of 16th-century Italy. Class in English, but reading knowledge of Italian required since texts are not available in translation.

ITAL G4107 Imitation, Genre Theory, and Canon Formation In the Italian Renaissance. 3 points.

Not Offered During 2014-15 Academic Year.

This course is intended to explore the quest for, and emergence of, new literary ideas and programs in the Italian Renaissance, from early Humanism to the late Cinquecento. Emphasis is put on such central issues as imitation, Aristotelian mimesis, poetics and genre, and on the progressive creation of universal norms for literary writing. The reading list includes excerpts from the works of the major theorists and poets: Aristotle, Petrarch, Poliziano, Bembo, Trissino, Giraldis Cinzio, Minturno, Castelvetro, Tasso, and others

ITAL G4109 Writing the Self: the Tradition of Autobiography in Italy, 19th-20th Centuries. 3 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*

Fall 2014: ITAL G4109

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4109	001/62646	Th 2:10pm - 4:00pm 613 Hamilton Hall	Elizabeth Leake	3	8

ITAL G4110 Representations of the South in Modern Italian Literature. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Open to qualified undergraduates with permission of instructor. Literary representations of the Italian South from the late nineteenth century to the present. Special attention to the symbolic importance of the South in modern Italian culture. Short stories and novels by Verga, D'Annunzio, Pirandello, Alvaro, Levi, Lampedusa, and Sciascia.

ITAL G4120 Futurism and Beyond: F.T. Marinetti's Poetry, Narrative, and Drama. 3 points.

Filippo Tommaso Marinetti, the founder of Futurism (arguably the first great avant-garde movement in modern European literature), is also one of the most remarkable writers of the Italian 20th century in his own terms. The course will explore Marinetti's basic contribution to modern Italian literature. Available editions as well as the typescripts of forthcoming books will be used. Marinetti's epoch-making contribution will also be studied in a comparative European and American context. Lectures in English, most texts in Italian, some in French; open also to comparative literature students who can read Italian and French with the help of translations.

ITAL G4125 Italian Tales. 3 points.

Not Offered During 2014-15 Academic Year.

The course examines the important Italian contribution to modern and contemporary narrative, especially in the genre of short narrative (short story, novella), with attention also to novels, combining narrative theory with close reading. Authors include A. De Céspedes, E. Morante, as well as S. Vassalli, D. Del Giudice, P. V. Tondelli, etc. *Lectures in English, texts in Italian.*

ITAL W4140 Fictionalizing History: Fascism in Literature and Film. 3 points.**Not Offered During 2014-15 Academic Year.**

The course aims at providing students with a broad knowledge of the political and cultural issues affecting Italy in the crucial, dramatic years between 1922 and 1945. Against the backdrop of Mussolini's politics, our investigation examines the complex, multifaceted ways the dictatorship has been portrayed in fiction and cinema. Our research will require the evaluation of written texts and films produced both during this period and after it. We will analyze some fundamentals of the fascist doctrine and the most prominent strategies through which Fascism succeeded in creating a popular consensus (i.e., social projects and sophisticated techniques of propaganda). Then we will proceed alternating the analysis of historical documents with literary and cinematic works authored by Moravia, Vittorini, and Fellini, among others.

ITAL W4150 Notturmo Italiano: 19th- and 20th-Century Italian Mystery Tale. 3 points.**Not Offered During 2014-15 Academic Year.**

Prerequisite: knowledge of Italian. Focus on a little-known genre of modern Italian literature. The works of several writers, both major and minor. Comparisons with the tradition of the mystery tale in other European literatures.

ITAL W4190 "Multicultural Italy": A European Country of Diversities. 3 points.

This seminar examines what can be considered a tremendous Italian diversity. Italy is a multicultural society, not only because of the flow of immigrants throughout the most recent decades, but also because of a too often neglected historical, cultural, linguistic and political 'inner' diversity. Linguistic minorities, religious groups, cultural enclaves, 'nomadic' cultures, immigrants & refugees, and border residents are the main focus of this course. The seminar will also analyze how these differences constructively cohabit or how they can represent sources of conflict; it will provide examples of either peaceful pluralism or of conflictual social friction. Videos that can be watched on the computer and alternative readings for those fluent in Italian will be assigned. There are no pre-requisites for this course.

Spring 2015: ITAL W4190

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4190	001/62574	Th 2:10pm - 4:00pm 613 Hamilton Hall	Barbara Faedda	3	9

ITAL V4201 Once Upon a Time, In a Far Away Land: the Italian Fairy Tale. 3 points.**Not Offered During 2014-15 Academic Year.**

A study of the Italian fairy tale from its oral folk origins to the first literary examples, viewed from a variety of

critical approaches including the formalist, folkloric and psychoanalytic.

ITAL G4220 Introduction to the History and Theory of Literary Interpretation. 3 points.**Not Offered During 2014-15 Academic Year.**

What is Interpretation? How does it work? What are the major Theories of Criticism in Italy? What is the difference between aesthetics, poetics, critique and the work of art in itself? What is their relationship to other aspects of culture? These and other questions will be addressed in this course. We will begin with a sketch of the Italian tradition from Humanism to the late nineteenth century, then focus on Idealism and its pervasiveness in most realms of culture from the beginning of the twentieth century through the post-WWII period. Subsequently, discussions will be dedicated to a broad variety of critical methods and their relevance as and for interpretive strategies.

ITAL G4250 The Italian Urban Imaginary: City-Theory, City-Image, City-Text From Futurism To Negative Thought.. 3 points.**Not Offered During 2014-15 Academic Year.**

An interdisciplinary study of the representation of the city and urban experience in 20th-century Italian theoretical, visual and literary culture; The role played by cinema in constructing the image and psychogeography of the post-WW II and contemporary Italian metropolis; Case study of individual cities (Rome, Venice, Naples, Milan, Florence); Reading the city as a cultural and spatial text derived primarily from the Italian tradition (Tafuri, Cacciari, Rossi, Calvino, Eco, Vattimo and others), also the comprehensive genealogy of city theorists as it extends from Simmel and Benjamin to Venturi and Koolhaas. Open to qualified comparative literature students with the instructor's permission.

ITAL W4250 Creating Modernity: an Introduction To Early 19th-Century Italian Literature. 3 points.

Explores the emergence of, and quest for, new literary ideas and programs in early-Ottocento Italian poetry and prose. Emphasis on such central notions as Classicism, Romanticism, and Tradition, and on the strong connection between literary issues (genres, forms, and language) and historical/cultural ones (nation, political struggle, and civil engagement) in the works of the major authors of this period, Ugo Foscolo, Giacomo Leopardi, and Alessandro Manzoni.

ITAL W4252 Antonio Gramsci: Literature, Culture, Power. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Prerequisites: Open to undergraduates with permission of the instructor.

Examines the writings of Antonio Gramsci and their influence on literary criticism, cultural studies, and filmmaking.

Includes works by Luigi Pirandello, Giuseppe Tomasi di Lampedusa, Pier Paolo Pasolini; criticism by Raymond Williams, Edward Said, Stuart Hall; films by Luchino Visconti, the Taviani Brothers, Pasolini.

ITAL G4254 Visible Cities, Visible Machines: Modernity and Urban Portraits In Italian Lyric. 3 points.

Not Offered During 2014-15 Academic Year.

The course intends to examine the contrast between such a deeply rooted genre as lyric poetry and the emergence of modernity. Given the extended and often contradictory development of industrial modernity in Italy, Italian poetry becomes a unique case in point. Primary readings will be in Italian and will include Pascoli, D'Annunzio, Marinetti, Palazzeschi, Govoni, Saba, Sbarbaro, Montale, Caproni, Sereni, Fortini. Secondary readings will be in Italian and English, and will include Benjamin, Bermann, Simmel. The course is conducted in Italian and in English

ITAL W4255 Foundations of the Italian Novel, 1840-1900. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Not Offered During 2014-15 Academic Year.

An investigative overview of the Italian novel from the Risorgimento to the end of the 19th century, with special attention to the novelistic form, the shaping of the national identity, and the reception of the European novel in Italy. Authors include Manzoni, De Marchi, Verga, De Roberto, D'Annunzio, Svevo. In Italian.

ITAL W4258 19th- and 20th-Century Italian Epistolary Novels. 3 points.

Not Offered During 2014-15 Academic Year.

Focuses on novels written in epistolary form, studying the properties and functionality of the letter within the literary text. Special attention is given to the interrelation between literary production and historical events as well as cultural practices. In Italian

ITAL G4300 Verga and Verismo. 3 points.

Not Offered During 2014-15 Academic Year.

Verga's major works of fiction (I Malavoglia, Mastro-don Gesualdo, and two collections of rustic novelle) in relation to the key cultural trends and historical developments in postunification Italy (the emergence of verismo, the new dimensions of publishing and readership, the genesis of the Southern Question). Also, selected novelle by Gabriele D'Annunzio and Luigi Pirandello to appreciate how the legacy of Verga and verismo was re-elaborated in the new cultural climate of decadentismo. Lectures in English; text in Italian, comparative literature students who use translation are welcome.

ITAL V4310 Sex, Marriage, and the Family In Early Modern Italy. 3 points.

Not Offered During 2014-15 Academic Year.

The institutions of marriage and the family, from the quattrocento through the seicento. Economic and social factors, as well as intellectual and ideological perspectives. The Italian peninsula, and emphasis on central and northern Italian states

ITAL G4340 Italy's Southern Question: Geography, Culture, Power. 3 points.

This course examines Italy's Southern Question from the nineteenth century to the present, investigating the interrelations among cultural representation, geography, and power by focusing on three writers/artists who produced major representations and theorizations of the Southern Question in three different cultural forms: the fiction of Giovanni Verga, the theoretical writings of Antonio Gramsci; the films of Luchino Visconti. Readings and discussion in English. Optional additional readings in Italian. Open to undergraduates with permission of instructor.

Fall 2014: ITAL G4340

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4340	001/04539	W 2:10pm - 4:00pm 303 Altschul Hall	Nelson Moe	3	10

ITAL G4380 Va, Pensiero...: the Culture of the Italian Diaspora In America From the Great Immigration To the Postmodern Condition. 3 points.

Not Offered During 2014-15 Academic Year.

A history of the Italian and Italian American presence in and contribution to American culture from 1880 to the present. The ways in which Italian culture—elite and popular—and the idea of Italy itself have traveled to the U.S. and the manner in which an extra-territorial and transcultural Italian identity has been constructed within the context of (dis)placement and (dis)location. Formal contributions to literature and the arts (theatre, music—classical as well as a popular—dance, visual culture and cinema); the informal contributions to the common culture, whether in the form of everyday practices, including linguistic contributions, or sub-cultural styles

ITAL G4390 Gender and Literary Identity: the Experience of Italian Women Writers 1870-1930. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Not Offered During 2014-15 Academic Year.

A study of women writers working in Italy from the Unification to the 1930's. Examination of how they shaped and defined their status, how they mediated between their own experience and those dominant modes of representation and discourse that constituted the Italian literary tradition;

and the fictional portrayal of the woman writer in male-authored texts. In Italian.

ITAL G4391 Challenging Genres, Gendering Fiction: the Experience of Italian Women Writers, 1945-90. 3 points.

Addresses women writers working in Italy from the postwar period to the 1990s. Analyzes the historical novel, fantastic fiction, and autobiography. Against the backdrop of the critical debate on the literary canon, explores the specificity of women's writing and the way these articulated their difference by subverting and altering dominant literary codes. In English.

ITAL W4395 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 it's 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 W4400 The Italian Mind: Patterns of Representation. 3 points.
Not Offered During 2014-15 Academic Year.

A critical assessment of some of the main features of the Italian character. Representations of Italianity (dealing with such issues as Fascism, the Mafia, and Catholicism) analyzed on the basis of literary and cultural readings

ITAL G4401 WWII, the Resistance and the Holocaust In Italian Literature and Cinema. 3 points.

The political, social, and cultural issues affecting Italy in the crucial, dramatic years between 1943 and 1945. More specifically, the canonical literary and cinematic representations of the war, the "Resistenza" and the Holocaust and the aesthetic issues related to the encounter between history and fiction, reality and imagination. Further examination of how the war has affected women: such an inquiry will require the evaluation of lesser-known women's texts. Topics to be addressed include: war and gender, women as subjects of history, the intersection of the political and the private. Authors to be examined include: Calvino, Fenoglio, Pavese, Levi, Rossellini, Wertmüller, Rosi, Vigano', Milli, Zangrandi, D'Eramo.

ITAL G4410 From '68 Thought To Weak Thought: an Ideological Profile of Contemporary Italy. 3 points.
Not Offered During 2014-15 Academic Year.

An intellectual and cultural history of Italy as it passes from its post-1968 period of collective action and cultural protest to its current status as what Gianni Vattimo has called the transparent society, to use a term of postmodern condition that comes from within the Italian culture. Interdisciplinary study of all forms of cultural production during this period, including developments in visual and architectural culture, with particular emphasis on cinema. Focus on Italian philosophical and theoretical culture as exemplified in such movements as weak thought and negative thought and the various installments of feminist theory.

ITAL G4420 The Window On the World: Reassessing Italian Neorealism. 3 points.

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.

ITAL G4495 (Section 1) 13 Ways: Rome as a Cinematic City. 3 points.

Advanced undergraduates may enroll with instructor permission. (Paper add/drop form)

Close analysis of Italian city-films that represent and map out Rome as a real and imagined space. The course attempts to establish a canon of city-films through which to articulate a counter-history of Italian cinema as it passes from neorealism to the present -- from *Roma città aperta* (1945) to *La grande bellezza* (2013) -- and to embed these films within a larger cultural and urban history in which cinematic Rome plays a crucial role in the Italian construction of a national urban consciousness.

Spring 2015: ITAL G4495 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4495	001/20262	M 6:10pm - 10:00pm 511 Hamilton Hall	Pellegrino D'Acerno	3	8

ITAL G4500 Topics in Italian Literature: Leopardi and Nature. 3 points.

The course will be focused on Leopardi's *Canti*, with special reference to the concept of nature. The theme will be explored in connection with the main philosophical sources of Leopardi's thought, as located within Nineteenth century

European philosophy. The course so intends to provide a deep knowledge of Leopardi's poetry, in which the theme of nature plays a crucial role, as well as a clear vision of its philosophical and literary background. Not only that, the aim of the course is also to familiarize students with problems concerning the relations of nature and human beings, as Leopardi saw them, and as we still see them. To attend the course, no special competence is required, but for a good knowledge of Italian language. *In Italian*.

Fall 2014: ITAL G4500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4500	001/72396	T 4:10pm - 6:00pm 501 Hamilton Hall	Giorgio Ficara	3	6

ITAL W4502 Italian Cultural Studies I: From Unification to World War I. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

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 2014: ITAL W4502

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ITAL 4502	001/09528	Th 10:10am - 11:25am 227 Milbank Hall	Nelson Moe	3	7
ITAL 4502	001/09528	T 10:10am - 11:25am 237 Milbank Hall	Nelson Moe	3	7

ITAL W4503 Italian Cultural Studies II: From World War I to the Present. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

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 2015: ITAL W4503

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ITAL 4503	001/81697	T Th 10:10am - 11:25am 303 Altschul Hall	Nelson Moe	3	7
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ITAL W4520 See Naples and Die: Portrait of a City. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Explores the cultural history of Naples and the Neapolitans over the past two centuries in diverse areas including literature, film, theatre, and music. Works will include texts by Serao, Croce, Benjamin, Gramsci, De Filippo, and Ortese; films by Rossellini, Rosi, and Pasolini.

ITAL G4725 Pirandello and Modern Drama. 3 points. Not Offered During 2014-15 Academic Year.

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.

ITAL G4771 The Poetry of Giuseppe Ungaretti: Its French and Italian Origins. 3 points. Not Offered During 2014-15 Academic Year.

A study of Ungaretti's work; its relationship to Baudelaire, Rimbaud, Mallarmé, Apollinaire, Valéry, and Italian lyricists from Petrarch to Leopardi, D'Annunzio, and the Twilight poets. Texts read in the original

HUNGARIAN COURSES

HNHR W1101 Elementary Hungarian, I and II. 4 points.

Introduction to the basic structures 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 2014: HNHR W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNHR 1101	001/22814	T Th 4:10pm - 6:00pm 352c International Affairs Bldg	Carol Rounds	4	10/20

HNHR W1102 Elementary Hungarian, I and II. 4 points.

Introduction to the basic structures 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.

Spring 2015: HNHR W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HNGR 1102	001/63904	T Th 4:10pm - 6:00pm	Carol Rounds, Stephane Charitos	4	11/20
		352c International Affairs Bldg			

HNGR W1201 Intermediate Hungarian, I and II. 4 points.

Prerequisites: *HNGR W1101-W1102* or the equivalent. Further develops a students'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 2014: HNGR W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 1201	001/11177	T 8:30am - 10:10am 518 Hamilton Hall	Carol Rounds	4	2/18
HNGR 1201	001/11177	Th 9:00am - 10:50am 518 Hamilton Hall	Carol Rounds	4	2/18

HNGR W1202 Intermediate Hungarian, I and II. 4 points.

Prerequisites: *HNGR W1101-W1102* or the equivalent. Further develops a students'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.

Spring 2015: HNGR W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 1202	001/23029	T Th 8:10am - 10:00am 501 Hamilton Hall	Carol Rounds	4	2

HNGR W3340 Advanced Hungarian, I and II. 3 points.

Prerequisites: *HNGR W1201-W1202* or the equivalent. *W3340x* focuses on the more complex syntactic/semantic constructions in addition to vocabulary enrichment. Readings in literature, oral presentations, translations, and essays serve to enhance the grammatical material. *W3341y* 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 2014: HNGR W3340

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 3340	001/70688	T Th 1:10pm - 2:25pm Room TBA	Carol Rounds	3	1/18

HNGR W3341 Advanced Hungarian, I and II. 3 points.

Prerequisites: *HNGR W1201-W1202* or the equivalent. *W3340x* focuses on the more complex syntactic/semantic constructions in addition to vocabulary enrichment. Readings

in literature, oral presentations, translations, and essays serve to enhance the grammatical material. *W3341y* 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.

HNGR W3343 Hungarian Descriptive Grammar. 3 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 2015: HNGR W3343

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HNGR 3343	001/29345	T Th 1:10pm - 2:25pm 609 Hamilton Hall	Carol Rounds	3	17

**HNGR W4020 Modern Hungarian Prose in Translation: Exposing Naked Reality. 3 points.
Not Offered During 2014-15 Academic Year.**

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 W4050 The Hungarian New Wave: Cinema in Kadarist Hungary [In English]. 3 points.
Not Offered During 2014-15 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.

JAZZ STUDIES

The Center for Jazz Studies: Prentiss Hall, 4th floor (632 W. 125th Street); 212-851-9270
<http://www.columbia.edu/cu/cjs>

Jazz at Columbia:

<http://www.music.columbia.edu/~cecenter/JazzConcentration/>

Director: Prof. Robert G. O'Meally, 611 Philosophy;
 212-851-9270; rgo1@columbia.edu

Director of Jazz Performance: Prof. Christopher Washburne,
 619A Dodge; 212-854-9862; cjw5@columbia.edu

Program Administrator: Yulanda McKenzie-Grant, 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 twentieth. 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, 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; 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.

FACULTY INTERDEPARTMENTAL COMMITTEE ON JAZZ STUDIES

- Ann Douglas (English and Comparative Literature)
- Brent Hayes Edwards (English and Comparative Literature)
- 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
- David Gibson
- Brad Jones
- Victor Lin
- Ole Mathiesen
- Tony Moreno
- Ugonna Okegwa
- Adriano Santos
- Don Sickler
- Leo Traversa
- Ben Waltzer

REQUIREMENTS

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.

In addition to the requirements of the special concentration, students must complete a major. 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 Jazz and American Culture
W4612

MUSI V2016 Jazz

MUSI V1002 Fundamentals of Music

Three interdisciplinary courses as approved by the director
A senior independent study project

Requirements for Music Majors/Concentrators

ENGL Jazz and American Culture
W4612

MUSI V2016 Jazz

MUSI G4505 Jazz Arranging and Composition

MUSI G4500 Jazz Transcription and Analysis

MUSI V1618 Columbia University Jazz Ensemble
- MUSI and Columbia University Jazz Ensemble
V1619 (strongly recommended but not required)

Private music lessons (strongly recommended but not required)

Three interdisciplinary courses as approved by the director
A senior independent study project

COURSES

JAZZ W3100 Jazz and American Culture. 3 points.

JAZZ W4900 Jazz and the Literary Imagination. 3 points.
Not Offered During 2014-15 Academic Year.

(Lecture)

JAZZ W4930 BLACK ART & CONSCIOUSNESS. 3 points.

An interdisciplinary course focusing on the convergence of race consciousness, democratic desire, black protest and performance in the forging of a distinctly African American psyche and African American music from the 18th century to the present, as articulated in music, writing, film, dance, speech and visual art.

OF RELATED INTEREST

Dance (Barnard)

DNCE Jazz, I: Beginning
BC1247 and Jazz, I: Beginning
- DNCE

BC1248

DNCE Tap, I: Beginning
BC1445 and Tap, I: Beginning
- DNCE

BC1446

DNCE Jazz, II: Intermediate
 BC2248 and Jazz, II: Intermediate
 - DNCE
 BC2249

DNCE Tap, II: Intermediate
 BC2447 and Tap, II: Intermediate
 - DNCE
 BC2447

Music

MUSI W1525 Instrumental Instruction
 - MUSI and Instrumental Instruction
 W1526

MUSI V1618 Columbia University Jazz Ensemble
 - MUSI and Columbia University Jazz Ensemble
 V1619

MUSI V2016 Jazz

MUSI V2020 Salsa, Soca, and Reggae: Popular Musics of
 the Caribbean

MUSI V2582 Jazz improvisation: theory, history and
 practice

MUSI G4500 Jazz Transcription and Analysis

MUSI G4505 Jazz Arranging and Composition

MUSI W4507 The New Thing: Jazz 1955-1980

MUSI W4540 Histories of Post-1960's Jazz

MUSI W4540 Histories of Post-1960's Jazz

MUSI G8610 Miles Davis

JEWISH STUDIES

Program Office: Institute for Israel and Jewish Studies, 511 Fayerweather; 212-854-2581
<http://www.iijs.columbia.edu/>

Program Director: Prof. Jeremy Dauber, 319 Hamilton; 212-854-9608; jad213@columbia.edu

Assistant Director: Sheridan Gayer, 511 Fayerweather; 212-854-2581; sjg41@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.

FACULTY

AFFILIATED FACULTY

- Nehama R. Bersohn (Middle Eastern, South Asian, and African Studies)
- Beth Berkowitz (Religion, Barnard)
- Elisheva Carlebach (History)
- Yinon Cohen (Sociology)
- Jeremy Dauber (Germanic Languages)
- Rebecca Kobrin (History)
- Rina Kreitman (Middle Eastern, South Asian, and African Studies)
- Agnieszka Legutko (Germanic Languages)

- Dan Miron (Middle Eastern, South Asian, and African Studies)
- Sam Moyn (History)
- Seth Schwartz (History)
- Michael Stanislawski (History)

REQUIREMENTS

SPECIAL CONCENTRATION IN JEWISH STUDIES

In addition to the requirements of the special concentration, students must complete a major or a full concentration.

In addition to the requirements of the special concentration, students must complete a major.

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 W4537 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 of Judaism: Ethics of the Fathers
- RELI V2510 Jews and Judaism in Antiquity
- RELI W4535 Ancient Jewish Texts

Medieval Judaism

- HIST W3657 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 W4515 Jews in the Later Roman Empire
- HIST W4180 Conversion in Historical Perspective

Modern Judaism

HIST W3630	American Jewish History
RELI V3571	Judaism, Jewishness, & Modernity
MDES W3542	Introduction to Israeli Literature

Israeli Society

MDES W3542	Introduction to Israeli Literature
MDES G4542	The Culture of Israeli Cinema
MDES W3541	Zionism: A Cultural Perspective
SOCI G4407	The Dynamics of Israeli Society
RELI W4513	Homelands, Diasporas, Promised Lands

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 V2505	Intro to Judaism
RELI W4511	Jewish Ethics
HIST W3657	Medieval Jewish Cultures
HIST W4645	Spinoza to Sabbatai: Jews in Early Modern Europe

Jewish Literature

CLYD W3500	Readings In Jewish Literature: Humor In Jewish Literature (In English)
YIDD W3800	Readings in Yiddish Literature [In English]
RELI V3561	Classics fo Judaism: Ethics of the Fathers

COURSES**JWST G4250 The Jewish Polity in Mandate Palestine (the Yishuv): Economic and Social Aspects**

Day/Time: **M 4:10pm-6:00pm** Location: 201D Philosophy
Call Number: 12347 Points: 4

Instructor: David De Vries

Open to Undergraduate and Graduate students. The history of modern Palestine has for long been dominated by political history and the history of the national conflict. Without discarding the primacy of politics this seminar diverts attention to social and economic history, to the social bases of the Arab-Jewish conflict, and of the Zionist project in Palestine in particular. The seminar focuses on the history of the Yishuv – the Jewish polity in Palestine under British rule (1917-1947). Economic and social process, structures, social agents and ideologies are placed in Mandate Palestine's political and national-conflict contexts. Discussion begins

with major themes, sources and historiography. It then focuses on developments in the 1920s, 1930s and 1940s, until the founding of the State of Israel. Each decade analysis mixes ideologies and perceptions, with material processes and social conflicts.

JWST G4125 The Holocaust and Its Literary Representation

Day/Time: **R 4:00pm - 6:00pm** Location: 652 Schermerhorn
Call Number: 24695 Points: 4

Instructor: Alan Mintz

Open to Undergraduate and Graduate students. The course explores how the literary imagination has grappled with the destruction of European Jewry. Responses to the Holocaust written within the ghettos during the war will be compared to responses composed at different removes in time from the catastrophe. The course will follow the shaping of Holocaust memory within two distinct national settings: America and Israel. Among the writers we will read are Primo Levi, Elie Wiesel, Art Spiegelman, Philip Roth, Aharon Appelfeld, Dan Pagis, David Grossman, Ida Fink and W. G. Sebald.

JWST G4610 Environment and Sustainability in Israel – Between the Local and the Regional

Day/Time: **R 6:10pm-8:00pm** Location: 402 Hamilton Call Number: 91198 Points: 4

Instructor: Shahar Sadeh

Open to Undergraduate and Graduate students. Since the establishment of the state of Israel, and even prior to it, the land has been subject to massive spatial and demographic change. Rapid development, mass immigration waves, high rates of natural growth, conflicts and wars, local and regional political processes, all created a complex web of environmental challenges and problems, as well as environmental achievements. Hence, Israel's current environmental situation and the level of environmental protection that exists in it have much to do with past political decisions. Obviously, those decisions were influenced by the ongoing Israeli-Arab conflict. By utilizing the concept of Sustainable Development the course will provide a bidirectional overview of environmental politics in Israel: We will explore the role of the environment in past and present political processes, and the way it was affected by such process. More specifically, the course will explore the relationship between the environment and Zionism as it was manifested during the nation-building process; Sustainable development in Israel; The environmental movement; Environmental education in Israel; Urbanism; The Israeli-Arab conflict and the environment; The role the environment in past peace negotiations; and the ways in which political conflicts create, sustain and escalate environmental problems.

OF RELATED INTEREST

Film

FILM W4145 Topics in World Cinema: Latin America (Section 1)

Germanic Languages

YIDD W1101 Elementary Yiddish
- YIDD and Elementary Yiddish
W1102

YIDD W1201 Intermediate Yiddish
- YIDD and Intermediate Yiddish
W1202

YIDD W3333 Advanced Yiddish

YIDD W3800 Readings in Yiddish Literature [In English]

History

HIST W3611 Jews and Judaism in Antiquity

HIST W3628 History of the State of Israel, 1948-Present

HIST W3630 American Jewish History

HIST W3657 Medieval Jewish Cultures

HIST W4604 Jews and the City

HIST W4611 Jews and Muslims in the Middle Ages

HIST W4635 Ancient Jewish Texts: Leviticus Rabbah

Middle Eastern, South Asian, and African Studies

MDES First Year Modern Hebrew: Elementary I
W1510

MDES First Year Modern Hebrew: Elementary II
W1511

MDES Second Year Modern Hebrew:
Intermediate I
W1512

MDES Second Year Hebrew: Intermediate II
W1513

MDES Second Year Modern Hebrew: Upper
Intermediate I
W1514

MDES Second Year Hebrew: Upper Intermediate
II
W1515

MDES Second Year Hebrew: Intensive Grammar
Review
W1516

MDES Zionism: A Cultural Perspective
W3541

CLME Intro to Hebrew Literature
W3546

MDES Third Year Modern Hebrew I
W4510

MDES Third Year Modern Hebrew II
W4511

MDES Fourth Year Modern Hebrew: Readings I
W4512

MDES Fourth Year Hebrew: Readings II
W4513

MDES G4542 The Culture of Israeli Cinema

Music

MUSI V2030 Jewish Music of New York

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 V2505 Intro to Judaism

RELI V3501 Introduction To the Hebrew Bible

RELI V3512 The Bible and Its Interpreters

RELI V3515 Readings in Kabbalah

RELI V3571 Judaism, Jewishness, & Modernity

RELI V3585 The Sephardic Experience

RELI W4507 Readings in Hasidism

RELI W4508 Jewish Philosophy and Kabbalah

RELI W4513 Homelands, Diasporas, Promised Lands

RELI W4515 Jews in the Later Roman Empire

RELI W4537 Talmudic Narrative

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 is the home for several less commonly taught languages. The center also organizes noncredit language maintenance conversation groups in a number of languages including Chinese, French, German, Italian, Japanese, Korean, Russian, and Spanish. These conversation groups are primarily designed for professional school students who already have some background in the target language but who wish to maintain or enhance their speaking skills. Additionally, the Language Resource Center serves as the University's language laboratory and provides the Columbia community with a state-of-the-art digital language lab, video viewing facilities, and a multimedia Macintosh computer lab.

COURSES AKKADIAN

AKAD G4101 Elementary Akkadian, I & II. 3 points.
Not Offered During 2014-15 Academic Year.

Introduction to cuneiform script and to the Akkadian language, with emphasis on grammatical structure.

AKAD G4102 Elementary Akkadian, I & II. 3 points.
Not Offered During 2014-15 Academic Year.

Introduction to cuneiform script and to the Akkadian language, with emphasis on grammatical structure.

AKAD G4201 Intermediate Akkadian, I & II. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: *AKAD W1101-W1102* or instructor's permission.
 Reading in Akkadian literature.

AKAD G4202 Intermediate Akkadian, I & II. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: *AKAD W1101-W1102* or instructor's permission.
 Reading in Akkadian literature.

ANCIENT EGYPTIAN

EGYP W1101 Elementary Ancient Egyptian, I & II. 4 points.

Introduction to hieroglyphics; readings in ancient Egyptian texts.

Fall 2014: EGYP W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EGYP 1101	001/71919		Ogden Goelet, Stephane Charitos	4	2/20

EGYP W1102 Elementary Ancient Egyptian, I & II. 4 points.

Introduction to hieroglyphics; readings in ancient Egyptian texts.

Spring 2015: EGYP W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EGYP 1102	001/91197		Ogden Goelet	4	2/20

EGYP W1201 Advanced Ancient Egyptian I, II. 4 points.

Corequisites: *EGYP W1101-W1102* or instructor's permission.
 Advanced readings in ancient Egyptian texts.

Fall 2014: EGYP W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EGYP 1201	001/14803		Ogden Goelet, Stephane Charitos	4	0/20

EGYP W1202 Advanced Ancient Egyptian I, II. 4 points.

Corequisites: *EGYP W1101-W1102* or instructor's permission.
 Advanced readings in ancient Egyptian texts.

Spring 2015: EGYP W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
EGYP 1202	001/97846		Ogden Goelet	4	0/20

ARAMAIC

ARAM W1101 Elementary Aramaic I: Biblical Aramaic. 3 points.

Not Offered During 2014-15 Academic Year.

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.

Fall 2014: ARAM W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARAM 1101	001/78030	Th 8:00am - 10:45am Room TBA	Moshe Bernstein, Stephane Charitos	3	0

ARAM W1102 Elementary Aramaic II: Qumran Aramaic. 3 points.

Not Offered During 2014-15 Academic Year.

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.

Spring 2015: ARAM W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ARAM 1102	001/94259	Th 8:00am - 10:45am Room TBA	Moshe Bernstein, Stephane Charitos	3	1

BENGALI

BENG W1101 Elementary Bengali, I and II. 4 points.

Introductory courses to Bengali, a major language of northeast India and Bangladesh.

Fall 2014: BENG W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1101	001/11350	M W 6:10pm - 8:00pm 408 Hamilton Hall	Dwijen Bhattacharjya	4	5/20

BENG W1102 Elementary Bengali, I and II. 4 points.

Introductory courses to Bengali, a major language of northeast India and Bangladesh.

Spring 2015: BENG W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1102	001/88005	M W 6:10pm - 8:00pm 408 Hamilton Hall	Dwijen Bhattacharjya, Stephane Charitos	4	4/20

BENG W1201 Intermediate Bengali, I and II. 4 points.

Prerequisites: *BENG W1101-W1102* or the instructor's permission.

Further develops a student's knowledge of Bengali, a major language of northeast India and Bangladesh.

Fall 2014: BENG W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1201	001/60343	T Th 6:10pm - 8:00pm 408 Hamilton Hall	Dwijen Bhattacharjya	4	5/20

BENG W1202 Intermediate Bengali, I and II. 4 points.

Prerequisites: *BENG W1101-W1102* or the instructor's permission.

Further develops a student's knowledge of Bengali, a major language of northeast India and Bangladesh.

Spring 2015: BENG W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
BENG 1202	001/60946	T Th 6:10pm - 8:00pm 408 Hamilton Hall	Dwijen Bhattacharjya, Stephane Charitos	4	8/20

CANTONESE

CANT W1101 (Section 1) Elementary Cantonese, I and II. 4 points.

These courses introduce students to both the spoken and written Cantonese language, with achieving conversational proficiency being a primary goal. The courses emphasize oral expressions, listening comprehension, and grammar. They are 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 these courses. **Note:** These courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Fall 2014: CANT W1101 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1101	001/67014	T Th 2:00pm - 4:45pm Room TBA	Stephane Charitos	4	3/20

CANT W1102 (Section 1) Elementary Cantonese, I and II. 4 points.

These courses introduce students to both the spoken and written Cantonese language, with achieving conversational proficiency being a primary goal. The courses emphasize oral expressions, listening comprehension, and grammar. They are 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 these courses. **Note:** These courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Spring 2015: CANT W1102 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1102	001/96447	T Th 2:00pm - 4:45pm Room TBA	Stephane Charitos, P Hui	4	2/20

CANT W1201 (Section 1) Intermediate Cantonese, I and II. 4 points.

Prerequisites: *CANT W1101-W1102* or the instructor's permission.

These courses further continue 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:** These courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Fall 2014: CANT W1201 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1201	001/70642	T Th 4:55pm - 7:35pm Room TBA	Stephane Charitos	4	1/20

CANT W1202 (Section 1) Intermediate Cantonese, I and II. 4 points.

Prerequisites: *CANT W1101-W1102* or the instructor's permission.

These courses further continue 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:** These courses are part of the language exchange program with New York University (NYU). Classes will be held at NYU.

Spring 2015: CANT W1202 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1202	001/82496	T Th 4:55pm - 7:35pm Room TBA	Stephane Charitos, P Hui	4	1/20

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CANT 1202	001/82496	T Th 4:55pm - 7:35pm Room TBA	Stephane Charitos, P Hui	4	1/20

FILIPINO

FILI W1101 Elementary Filipino, I and 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.

Fall 2014: FILI W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1101	001/81765	M T W Th 11:00am - 12:15pm Room TBA	Stephane Charitos	4	0/20

FILI W1102 Elementary Filipino, I and 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.

Spring 2015: FILI W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1102	001/12497	M T W Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Agnes Magtoto	4	0

FILI W1201 Intermediate Filipino, I and 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.

Fall 2014: FILI W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1201	001/82496	T Th 4:55pm - 7:35pm Room TBA	Stephane Charitos, P Hui	4	1/20

FILI 1201 001/29575 T Th 2:00pm - 4:45pm Stephane 4 0/20
Room TBA Charitos

FILI W1202 Intermediate Filipino, I and 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.

Spring 2015: FILI W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
FILI 1202	001/22296	T Th 2:00pm - 4:45pm Room TBA	Stephane Charitos, Agnes Magtoto	4	0

INDONESIAN

INDO W1101 Elementary Indonesian, I and II. 4 points.

These courses offer students an introduction to the basic structures of Bahasa Indonesia, a major language of Indonesia and South East Asia.

Fall 2014: INDO W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1101	001/16993	M W 11:00am - 1:00pm 352 International Affairs Bldg	Edward Sada Usu	4	4/20

INDO W1102 Elementary Indonesian, I and II. 4 points.

These courses offer students an introduction to the basic structures of Bahasa Indonesia, a major language of Indonesia and South East Asia.

Spring 2015: INDO W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1102	001/28046	M W 11:00am - 1:00pm 253 International Affairs Bldg	Stephane Charitos, Edward Sada Usu	4	5/20

INDO W1201 Intermediate Indonesian, I and II. 4 points.

Prerequisites: *INDO W1101-W1102* or the instructor's permission.

These courses further develop a student's knowledge of Bahasa Indonesia, a major language of Indonesia and South East Asia.

Fall 2014: INDO W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1201	001/12030	T Th 11:00am - 1:00pm 352 International Affairs Bldg	Edward Sada Usu	4	3/20

INDO W1202 Intermediate Indonesian, I and II. 4 points.

Prerequisites: *INDO W1101-W1102* or the instructor's permission.

These courses further develop a student's knowledge of Bahasa Indonesia, a major language of Indonesia and South East Asia.

Spring 2015: INDO W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 1202	001/76029	Th 11:00am - 1:00pm 352 International Affairs Bldg	Stephane Charitos, Edward Sada Usu	4	4/20
INDO 1202	001/76029	M 4:00pm - 6:00pm 352c International Affairs Bldg	Stephane Charitos, Edward Sada Usu	4	4/20

INDO W3335 Advanced Indonesian, I and II. 3 points.

These courses offer students opportunities 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 2014: INDO W3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 3335	001/27948	T 8:45am - 10:05am 351a International Affairs Bldg	Stephane Charitos, Jolanda Pandin	3	0/20
INDO 3335	001/27948	Th 8:55am - 10:05am 351a International Affairs Bldg	Stephane Charitos, Jolanda Pandin	3	0/20

INDO W3336 Advanced Indonesian, I and II. 3 points.

These courses offer students opportunities 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 2015: INDO W3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
INDO 3336	001/13530	T 8:45am - 10:05am 351a International Affairs Bldg	Stephane Charitos,	3	1

INDO 3336	001/13530	Th 8:55am - 10:05am	Jolanda Pandin	3	1
		351a International Affairs Bldg	Stephane Charitos, Jolanda Pandin		

IRISH

IRSH W1101 Elementary Irish, I & II. 4 points.

These courses introduce 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 2014: IRSH W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1101	001/71315	M W 2:00pm - 3:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	1/20
IRSH 1101	002/22501	T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	2/20

IRSH W1102 Elementary Irish, I & II. 4 points.

These courses introduce 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.

Spring 2015: IRSH W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1102	001/61596	T Th 12:30pm - 1:45pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	2/20

IRSH W1201 Intermediate Irish, I & II. 4 points.

Prerequisites: *IRSH W1101-W1102* or instructor's permission.

For the more advanced student of Irish, these courses focus 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.

Fall 2014: IRSH W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1201	001/16749	T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	0/20

Spring 2015: IRSH W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1201	001/72496	T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Padraig O'Cearuill	4	0/20

IRSH W1202 Intermediate Irish, I & II. 4 points.

Prerequisites: *IRSH W1101-W1102* or instructor's permission. For the more advanced student of Irish, these courses focus 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.

Fall 2014: IRSH W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1202	001/71547	T Th 2:00pm - 3:15pm Room TBA	Hilary Sweeney, Stephane Charitos	4	0

Spring 2015: IRSH W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
IRSH 1202	001/27346	T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, H Sweeney	4	0/20

KHMER

KHMR W1101 Elementary Khmer, I and 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.

Fall 2014: KHRM W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
KHRM 1101	001/77600	M T W Th F 11:35am - 12:35pm Room TBA	Stephane Charitos, Hannah Phan	4	0

KHRM W1102 Elementary Khmer, I and 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.

Spring 2015: KHRM W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
KHRM 1102	001/75029	M 11:35am - 12:35pm Room TBA	Stephane Charitos, Hannah Phan	4	1
KHRM 1102	001/75029	T W Th F 11:35am - 12:35pm 351a International Affairs Bldg	Stephane Charitos, Hannah Phan	4	1

KHRM W1201 Intermediate Khmer, I and II. 4 points. Not Offered During 2014-15 Academic Year.

Prerequisites: *KHRM 1101-1102* or permission of the instructor.

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.

KHRM W1202 Intermediate Khmer, I and II. 4 points. Not Offered During 2014-15 Academic Year.

Prerequisites: *KHRM 1101-1102* or permission of the instructor.

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.

PUNJABI**PUNJ W1101 Elementary Punjabi, I and II. 4 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 2014: PUNJ W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1101	001/66088	M W 6:10pm - 8:00pm 352c International Affairs Bldg	Stephane Charitos, Sandeep Singh	4	11/20

PUNJ W1102 Elementary Punjabi, I and II. 4 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.

Spring 2015: PUNJ W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1102	001/25529	M W 6:10pm - 8:00pm 352c International Affairs Bldg	Stephane Charitos, Sandeep Singh	4	13/20

PUNJ W1201 Intermediate Punjabi, I and II. 4 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 2014: PUNJ W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1201	001/69314	T Th 6:10pm - 8:00pm 253 International Affairs Bldg	Sandeep Singh	4	6/20

PUNJ W1202 Intermediate Punjabi, I and II. 4 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.

Odi
Gonzalez

Spring 2015: PUNJ W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PUNJ 1202	001/60029	T Th 6:10pm - 8:00pm 253 International Affairs Bldg	Stephane Charitos, Sandeep Singh	4	5/20

PUNJ W4818 Readings In Punjabi, I and II.. 3 points.

Prerequisite: two years of course work in Punjabi, or instructor's permission. An introduction to Punjabi religion and culture through the reading and textual analysis of literary works. Beginning with the writings of Shiakh Farid in the 12th century, the course concentrates on major literary texts of the 17th and 20th centuries

PUNJ W4819 Readings In Punjabi, I and II.. 3 points.

Prerequisite: two years of course work in Punjabi, or instructor's permission. An introduction to Punjabi religion and culture through the reading and textual analysis of literary works. Beginning with the writings of Shiakh Farid in the 12th century, the course concentrates on major literary texts of the 17th and 20th centuries

QUECHUA

QUCH W1101 Elementary Quechua, I & 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.

Fall 2014: QUCH W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1101	001/81397	M T Th 9:30am - 10:45am Room TBA	Stephane Charitos,	4	2/18

QUCH W1102 Elementary Quechua, I & 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.

Fall 2014: QUCH W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1102	001/87797	M T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Odi Gonzalez	4	0

Spring 2015: QUCH W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1102	001/81529	M T Th 9:30am - 10:45am Room TBA	Stephane Charitos, Odi Gonzalez	4	0
QUCH 1102	002/11146	M T Th 11:00am - 12:15pm Room TBA	Stephane Charitos, Odi Gonzalez	4	2

QUCH W1201 Intermediate Quechua, I & II. 4 points.

Prerequisites: QUCH W1101-W1102 or 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 2014: QUCH W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1201	001/92549	M T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Odi Gonzalez	4	1/18

QUCH W1202 Intermediate Quechua, I & II. 4 points.

Prerequisites: *QUCH W1101-W1102* or 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.

Spring 2015: QUCH W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
QUCH 1202	001/17546	M T Th 2:00pm - 3:15pm Room TBA	Stephane Charitos, Odi Gonzalez	4	0

ROMANIAN

RMAN W1101 Elementary Romanian, I and II. 4 points.

Provides students with an introduction to the basic structures of the Romanian language.

Fall 2014: RMAN W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 1101	001/17798	T Th 11:00am - 12:50pm 352b International Affairs Bldg	Mona Momescu	4	3/20

RMAN W1102 Elementary Romanian, I and II. 4 points.

Provides students with an introduction to the basic structures of the Romanian language.

Spring 2015: RMAN W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 1102	001/23146	T Th 11:00am - 12:50pm 352b International Affairs Bldg	Stephane Charitos, Mona Momescu	4	2

RMAN W1121 Comprehensive Elementary Romanian. 4 points.

Not Offered During 2014-15 Academic Year.

This course is designed for students who had no previous experience with Romanian. It will provide those who take it with the basic skills that enable them to communicate at a basic level and will thus prepare the class for the next level of study. As accelerated learning of a language is conceived as a "theater of the mind", the course will rely mostly on in-class activities meant to activate all the four skills (listening, reading, speaking, writing) in accordance with the proposed level of performance. The number and quantity of homework will be reduced, so that the students will be "putting" their knowledge and skills to work. They will also be introduced in authentic linguistic environments (places and venues of the Romanian community in NYC, meetings with fellow students who are native speakers, etc). This class is the equivalent to classes in the regular RMAN W1101-1102 sequence.

Spring 2015: RMAN W1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 1121	001/22209	M W F 3:00pm - 4:30pm 351c International Affairs Bldg	Stephane Charitos, Mona Momescu	4	0/18

RMAN W1201 Intermediate Romanian, I and II. 4 points.

Prerequisites: *RMAN W1101-W1102* or the instructor's permission.

Further explores the grammatical and linguistic structures of the Romanian language.

Fall 2014: RMAN W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RMAN 001/73940 T Th 1:10pm - 3:00pm Mona 4 3/20
1201 352c International Affairs Momescu
Bldg

RMAN W1202 Intermediate Romanian, I and II. 4 points.

Prerequisites: *RMAN W1101-W1102* or the instructor's permission.

Further explores the grammatical and linguistic structures of the Romanian language.

Spring 2015: RMAN W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RMAN 1202	001/28296	T Th 1:00pm - 3:00pm 1225 International Affairs Bldg	Stephane Charitos, Mona Momescu	4	1

RMAN W1221 Comprehensive Intermediate Romanian. 4 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Elementary Romanian (I and II), Comprehensive Elementary Romanian, or equivalent, or placement test.

The course addresses those who have previous knowledge of Romanian and who want to extend their communicative capacities in the language as well as to expand the vocabulary. An accelerated course needs to create a rather theatrical approach where students feel comfortable with their previous knowledge and gain confidence, while working for their B2 level. As many intermediate students partially or completely qualify as "independent users", the course will put their experience to work and focus on real-life communication situations. This class is the equivalent to classes in the regular RMAN W1201-1202 sequence.

RMAN W4051 Directed Readings in Romanian. 3 points.

Directed readings in Romanian.

SINHALA

SINH W1101 Elementary Sinhala, I and 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 W1102 Elementary Sinhala, I and 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.

Spring 2015: SINH W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 1102	001/87280		Stephane Charitos, Bandara Herath	4	0

SINH W1201 Intermediate Sinhala, I and II. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: *SINH 1101-1102* or permission of the instructor.

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 2014: SINH W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SINH 1201	001/88456	M T W Th F 1:00pm - 1:50pm 351c International Affairs Bldg	Stephane Charitos, Bandara Herath	4	1

SINH W1202 Intermediate Sinhala, I and II. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: *SINH 1101-1102* or permission of the instructor.

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.

Spring 2015: SINH W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SINH 1202	001/64279		Stephane Charitos, Bandara Herath	4	1

UZBEK**UZBK W1101 Elementary Uzbek, I and II. 4 points.
Not Offered During 2014-15 Academic Year.**

These courses offer students an introduction to the basic structures of Uzbek, a major language of Central Asia.

**UZBK W1102 Elementary Uzbek, I and II. 4 points.
Not Offered During 2014-15 Academic Year.**

These courses offer students an introduction to the basic structures of Uzbek, a major language of Central Asia.

**UZBK W1201 Intermediate Uzbek, I and II. 4 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: *UZBK W1101-W1102* or the instructor's permission.

These courses further develop a student's knowledge of Uzbek, a major language of Central Asia.

**UZBK W1202 Intermediate Uzbek, I and II. 4 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: *UZBK W1101-W1102* or the instructor's permission.

These courses further develop a student's knowledge of Uzbek, a major language of Central Asia.

YORUBA**YORU W1101 Elementary Yoruba, I and 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.

Fall 2014: YORU W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
YORU 1101	001/76544	M T W Th 10:10am - 11:00am 352c International Affairs Bldg	Stephane Charitos, Adeolu Ademoyo	4	3/20

YORU W1102 Elementary Yoruba, I and 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.

Spring 2015: YORU W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
YORU 1102	001/66446	M T W Th 10:10am - 11:00am 352c International Affairs Bldg	Stephane Charitos, Adeolu Ademoyo	4	4

YORU W1201 Intermediate Yoruba, I and II. 4 points.

Prerequisites: *YORU 1101-1102* or permission of the instructor.

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 2014: YORU W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
YORU 1201	001/68264	M T W Th 9:05am - 9:55am 352c International Affairs Bldg	Stephane Charitos, Adeolu Ademoyo	4	1/20

YORU W1202 Intermediate Yoruba, I and II. 4 points.

Prerequisites: *YORU 1101-1102* or permission of the instructor.

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.

Spring 2015: YORU W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
YORU 1202	001/76497	M T W Th 9:05am - 9:55am 352c International Affairs Bldg	Stephane Charitos, Adeolu Ademoyo	4	2

ZULU

ZULU W3335 Advanced Zulu, I and II. 3 points.

Prerequisites: *ZULU W1201-W1202* or 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 2014: ZULU W3335

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 3335	001/64837	T Th 2:40pm - 3:55pm 352b International Affairs Bldg	Stephane Charitos	3	0/20

ZULU W3336 Advanced Zulu, I and II. 3 points.

Prerequisites: *ZULU W1201-W1202* or 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.

Spring 2015: ZULU W3336

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 3336	001/76529	T Th 2:40pm - 3:55pm 352b International Affairs Bldg	Stephane Charitos, Sandra Sanneh	3	0

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. José Moya, 413 Lehman;
jmoya@barnard.edu

Student Affairs Coordinator: 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.

FACULTY

AFFILIATED FACULTY

Alan Dye (<https://barnard.edu/profiles/alan-dye>) (Economics, Barnard)

Ana Paula Huback (<http://www.columbia.edu/cu/spanish/people/lecturers/huback.html>) (Latin American and Iberian Studies)

Claudio Lomnitz (<http://anthropology.columbia.edu/people/profile/368>) (Anthropology; Latino Studies; Center for the Study of Ethnicity and Race)

Nara Milanich (<https://history.barnard.edu/profiles/nmilanic>) (History, Barnard)

Jose Moya (<https://history.barnard.edu/profiles/jose-moya>) (History, Barnard)

M. Victoria Murillo (<http://polisci.columbia.edu/people/profile/100>) (Political Science)

Ana Maria Ochoa (<http://music.columbia.edu/people/bios/ochoa-ana-mar>) (Music)

Pablo Piccato (<http://history.columbia.edu/faculty/Piccato.html>) (History)

Caterina Pizzigoni (<http://history.columbia.edu/faculty/Pizzigoni.html>) (History)

Michael T. Taussig (<http://anthropology.columbia.edu/people/profile/376>) (Anthropology)

REQUIREMENTS 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 (<http://ilas.columbia.edu>) or contact Eliza Kwon-Ahn, ILAS Student Affairs Coordinator at ek2159@columbia.edu.

MAJOR IN LATIN AMERICAN AND CARIBBEAN STUDIES

The major requires a minimum of 31 points as follows:

Select five of the following six courses:

SPAN W3300	Advanced Language through Content
LACV C1020	Primary Texts of Latin American Civilization
HIST W3660	Latin American Civilization I
HIST W3661	Latin American Civilization II
HIST W3618	The Modern Caribbean
POLS W4461	Latin American Politics

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 a course on other languages at any level.

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 2 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 history courses, or equivalent lectures:

SPAN W3300	Advanced Language through Content (Select three of the following history courses, or equivalent lectures)
LACV C1020	Primary Texts of Latin American Civilization
HIST W3660	Latin American Civilization I
HIST W3661	Latin American Civilization II
HIST W3618	The Modern Caribbean
POLS W4461	Latin American Politics

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 a course on other languages at any level.

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 2 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 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.

COURSES OF RELATED INTEREST

Africana Studies (Barnard)

AFRS BC2005 Caribbean Culture and Societies

Anthropology (Barnard)

ANTH V1002 The Interpretation of Culture

ANTH V1008 The Rise of Civilization

ANTH V3921 Anticolonialism

ANTH V3922 The Emergence of State

ANTH G4390 Borders and Boundaries

Anthropology

ANTH V2008 Film and Culture

ANTH V2009 Culture through Film and Media

ANTH V3120 Historical Rituals in Latin America

Art History

AHIS W3898 Yoruba and the Diaspora

Center for the Study of Ethnicity and Race

CSER W3923 Latina/o and Asian American Memoir

CSER W3924 Latin American and Latina/o Social Movements

CSER W3926 Latin Music and Identity

CSER W3928 Colonization/Decolonization

Economics

ECON G4301 Economic Growth and Development

ECON W4321 Economic Development

ECON W4750 Globalization and Its Risks

History

HIST W3618 The Modern Caribbean

HIST W3660 Latin American Civilization I

HIST W3661 Latin American Civilization II

HIST BC3676 Latin America: Migration, Race, and Ethnicity

HIST BC3682 Modern Latin American History

HIST BC3980 World Migration

HIST W4415 The U.S. and Latin America in the Cold War and Beyond: Revolution, Globalization and Power

HIST W4669 The Dictatorship that Changed Brazil, 1964-1985

HIST BC4870 Gender and Migration: A Global Perspective

HIST W4928 Comparative Slavery and Abolition in the Atlantic World

Latin American and Caribbean Studies

LCRS W3999 Independent Research Seminar (This course is only offered when an instructor has agreed to advise a student for the research)

Latin American Civilization

LACV C1020 Primary Texts of Latin American Civilization

Music

MUSI V2020 Salsa, Soca, and Reggae: Popular Musics of the Caribbean

MUSI V3435 Music and literature in Latin America

MUSI W4430

Political Science

POLS W4461 Latin American Politics

Sociology (Barnard)

SOCI V3247 The Immigrant Experience, Old and New

Sociology

SOCI W3324 Global Urbanism

SOCI G4370 Processes of Stratification and Inequality

Spanish and Latin American Cultures (Barnard)

SPAN W1201 Intermediate Course, Part I

SPAN W1202 Intermediate Spanish II

SPAN W1208 Spanish for Spanish-Speaking Students

SPAN Independent Study

BC3099

SPAN Love and Eroticism in Contemporary
BC3112 Latin American LiteratureSPAN Literature of the Southern Cone: The
BC3117 Dialects of Fantasy and RealitySPAN Literature of the Andes: Revolution and
BC3119 IdentitySPAN Twentieth-Century Puerto Rican
BC3120 LiteratureSPAN Contemporary Latin American Short
BC3122 FictionSPAN La Novela del Boom, 1962 - 1970
BC3141SPAN Film-Literature Relations in Modern Latin
BC3142 American NarrativeSPAN
BC3143SPAN The Boom: The Spanish American Novel,
BC3264 1962-70

SPAN W3265 Latin American Literature in Translation

SPAN W3300 Advanced Language through Content

SPAN W3300 Advanced Language through Content

SPAN W3300 Advanced Language through Content

SPAN W3300 Advanced Language through Content

SPAN W3300 Advanced Language through Content

SPAN W3349 Hispanic Cultures I: Islamic Spain through
the Colonial PeriodSPAN W3350 Hispanic Cultures II: Enlightenment to the
Present

SPAN Language and Revolution

BC3435

SPAN
BC3445SPAN Latin(o) American Art in New York City:
BC3470 Critical Interventions, Institutions, and
Creative LivesSPAN Gender and Sexuality in Latin American
BC3510 Cultures

SPAN

BC3655

Latin American and Iberian Cultures

PORT W1220 Comprehensive Intermediate Portuguese

PORT W3101 Conversation about the Lusophone World

PORT W3300 Advanced Language through Content

SPAN W3300 Advanced Language through Content

PORT W3301 Advanced Writing and Composition in
Portuguese

PORT W3490 Brazilian Society and Civilization

SPAN W3499 Configurations of Time in Contemporary
American Art and FictionSPAN W3349 Hispanic Cultures I: Islamic Spain through
the Colonial PeriodSPAN W3350 Hispanic Cultures II: Enlightenment to the
Present

SPAN W3450 Short Fiction in Latin America

SPAN W3462 Spanish Grammar: From Rules to Laws
and BeyondSPAN W3490 Latin American Humanities I: From Pre-
Columbian Civilizations to the Creation of
New Nations

SPAN W3998 Supervised Individual Research (Spring)

LATIN AMERICAN AND IBERIAN CULTURES

Departmental Office: 101 Casa Hispánica; 612 W. 116th Street; 212-854-4187; 212-854-5322 (fax)
<http://www.columbia.edu/cu/spanish/>

Director of Undergraduate Studies: Jesús Rodríguez-Velasco, 301 Casa Hispánica; 212 854-8486

Director of Graduate Studies: Graciela Montaldo, 307 Casa Hispánica; 212-854-4882

Co-directors of the Spanish Language Program: Reyes Llopis García, 402 Casa Hispánica; 212-854-3764; Diana Romero, 402 Casa Hispánica; 212-854-3764

The Department of Latin American and Iberian Cultures at Columbia, located in 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 makes for 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 W3349 Hispanic Cultures I: Islamic Spain through the Colonial Period or SPAN W3350 Hispanic Cultures II: Enlightenment to the Present 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.

INTERNSHIPS

The department maintains an updated list of internship resources and volunteer opportunities in New York City, the United States, and abroad. No academic credit is given for internships.

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: *W1101-W1102* (or *W1120*) and *W1201-W1202* (or *W1220*).

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 exam. 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

Majors interested in departmental honors should take the senior seminar in the fall of their senior year. Toward the end of the fall term, the director of undergraduate studies asks seniors to produce a senior thesis proposal. After reviewing the proposals, the faculty invites a small number of majors to compete for honors based on the strength of their proposal, the quality of the research paper produced by them in the senior seminar, and their overall academic record in the department. To be considered for departmental honors, a student must maintain a GPA of at least 3.6 in major courses. An invitation to pursue the honors track does not

guarantee departmental honors. Normally no more than 10% of graduating majors each year may be awarded departmental honors.

Students who accept the invitation to pursue the honors track enroll in an independent study course in the spring, SPAN W3998 Supervised Individual Research (Spring), and undertake a research project with a faculty member during their last semester. Students must identify a faculty member to supervise their project and assign the final grade. This independent study course counts toward the number of courses required to fulfill the major. Students may develop and expand the paper produced in the senior seminar or a paper produced for another course, or undertake a new project in consultation with the faculty sponsor. See the departmental website (<http://www.columbia.edu/cu/spanish>) for more information.

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.

Dr. Antonio G. Mier Prize

Awarded for excellence in Hispanic Studies to a major degree candidate in the School of General Studies at Columbia University.

FACULTY PROFESSORS

- Carlos J. Alonso
- Patricia E. Grieve
- Graciela R. Montaldo
- Gustavo Pérez-Firmat
- Jesús Rodríguez-Velasco

ASSOCIATE PROFESSORS

- Alberto Medina
- Alessandra Russo

ASSISTANT PROFESSORS

- Joaquín Barriendos
- Karen Benezra
- Seth Kimmel

SENIOR LECTURER

- Guadalupe Ruiz-Fajardo

LECTURERS

- Lee B. Abraham
- Irene Alonso-Aparicio
- José Antonio Castellanos-Pazos
- Angelina Craig-Flórez
- Ana Paula Huback
- Juan Pablo Jiménez-Caicedo
- Reyes Llopis-García
- Francisco Meizoso
- Sonia Montero
- João Nemi Neto
- Mercedes Pérez Serrano
- Diana P. Romero
- Francisco Rosales-Varo
- Perla Rozencvaig
- José Plácido Ruiz-Campillo
- Elsa Úbeda

REQUIREMENTS

MAJOR IN HISPANIC STUDIES

The major in Hispanic studies requires 11 courses (minimum 33 points) as follows:

SPAN W3300 Advanced Language through Content

SPAN W3349 Hispanic Cultures I: Islamic Spain through the Colonial Period

SPAN W3350 Hispanic Cultures II: Enlightenment to the Present

Six elective courses: at least three electives must be from the department's 3000- or 4000-level offerings. Up to three electives may be taken outside the department, provided they address topics relevant to Hispanic studies; such coursework requires the director of undergraduate studies' approval. Students should consult with the director of undergraduate studies to plan their program. Majors are also encouraged to study Portuguese and/or Catalan. Two courses in Portuguese or Catalan may be counted for the major in Hispanic studies; they must, however, be intensive courses: PORT W1120, PORT W1220 and PORT W1320 and/or CATL W1120 and CATL W1220. Refer to the Hispanic Studies Major and Concentration Worksheet.

SPAN W3991 Senior Seminar
or SPAN Senior Seminar
W3992

MAJOR IN HISPANIC STUDIES WITH SPECIALIZATION

The major in Hispanic studies with specialization requires 14 courses (minimum 42 points) as follows. Students should

consult the director of undergraduate studies to plan their program and refer to the Hispanic Studies Major and Concentration Worksheet.

SPAN W3300 Advanced Language through Content

SPAN W3349 Hispanic Cultures I: Islamic Spain through the Colonial Period

SPAN W3350 Hispanic Cultures II: Enlightenment to the Present

Three elective courses: a minimum of three electives must be from the department's 3000- or 4000- level offerings.

Six courses in the area of specialization, three of which should be related to Hispanic studies. Students who wish to complete this interdisciplinary major must choose a specialization in anthropology, art history, economics, film, gender studies, history, Latino studies, Latin American studies, music, political science, sociology or urban studies. Students' transcripts reflect the discipline of specialization within Hispanic studies. Courses may include basic methodological or foundation courses in the chosen field. In special cases and with the director of undergraduate studies' approval, students may complete some coursework in another discipline closely related to the one chosen.

SPAN W3991 Senior Seminar ¹
or SPAN Senior Seminar
W3992

¹ 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

The concentration in Hispanic studies requires eight courses (minimum 24 points) as follows:

SPAN W3300 Advanced Language through Content

SPAN W3349 Hispanic Cultures I: Islamic Spain through the Colonial Period

SPAN W3350 Hispanic Cultures II: Enlightenment to the Present

Four electives, at least three of which must be taken from the department's 3000- or 4000-level offerings. If the fourth elective is taken outside of the department, it must have the director of undergraduate studies' approval and must be related to Hispanic studies. The senior seminar is not a requirement, but may be taken as an elective.

CONCENTRATION IN PORTUGUESE STUDIES

The concentration in Portuguese studies requires eight courses (minimum 24 points) as follows:

PORT W3101 Conversation about the Lusophone World

PORT W3330 Introduction to Portuguese Studies

PORT W3350 Lusophone Africa and Afro Brazilian Culture

Four electives: at least two must have a PORT designation and be taken 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.

COURSES SPRING 2015 SPANISH

SPAN W1101 Elementary Spanish I. 4 points.

Prerequisites: A score of 0-279 in the department's Placement Examination.

An introduction to Spanish communicative competence, with stress on basic oral interaction, reading, writing, 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.

Fall 2014: SPAN W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/29602	M W F 8:40am - 9:55am 255 International Affairs Bldg	Santiago Acosta	4	13/15
SPAN 1101	002/70915	T Th F 8:40am - 9:55am 201 Casa Hispanica	Alvaro Enrigue	4	16/15

SPAN 1101	003/18944	M W F 10:10am - 11:25am 412 Pupin Laboratories	Almudena Marin-Cobos	4	13/15
SPAN 1101	004/11774	T Th F 11:40am - 12:55pm 313 Pupin Laboratories	Marta Ferrer	4	16/15
SPAN 1101	005/63930	T Th F 10:10am - 11:25am 201 Casa Hispanica	Alejandro Quintero	4	13/15
SPAN 1101	006/13255	M W F 11:40am - 12:55pm 505 Casa Hispanica	Roberto Valdovinos	4	16/15
SPAN 1101	007/16173	T Th F 6:10pm - 7:25pm 505 Casa Hispanica	Jose Placido Ruiz-Campillo	4	15/15
SPAN 1101	009/04304	T Th F 10:10am - 11:25am 327 Milbank Hall	Leonor Pons Coll	4	14/15
SPAN 1101	010/72107	T Th F 2:40pm - 3:55pm 609 Hamilton Hall	Angelina Craig-Florez	4	14/15
SPAN 1101	011/04913	T Th F 11:40am - 12:55pm 327 Milbank Hall	Leonor Pons Coll	4	14/15
SPAN 1101	012/09207	Th 2:40pm - 3:55pm 306 Milbank Hall	Javier Perez Zapatero	4	14/15
SPAN 1101	012/09207	M W 2:40pm - 3:55pm 323 Milbank Hall	Javier Perez Zapatero	4	14/15
SPAN 1101	013/00997	T Th F 8:40am - 9:55am 327 Milbank Hall	Leonor Pons Coll	4	15/15
SPAN 1101	014/95950	M W F 4:10pm - 5:25pm 253 International Affairs Bldg	Lara Tucker	4	14/15
SPAN 1101	015/27595	T Th F 4:10pm - 5:25pm 254 International Affairs Bldg	Alvaro Enrigue	4	14/15
SPAN 1101	016/87205	M W F 6:10pm - 7:25pm 511 Hamilton Hall	Sarah Goldberg	4	15/15

Spring 2015: SPAN W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/23707	M W F 8:40am - 9:55am 425 Pupin Laboratories	Juan Jimenez-Caicedo	4	7/15
SPAN 1101	002/12167	M W F 10:10am - 11:25am 424 Pupin Laboratories	Juan Jimenez-Caicedo	4	8/15
SPAN 1101	003/73403	M W F 11:40am - 12:55pm 424 Pupin Laboratories	Juan Jimenez-Caicedo	4	15/15
SPAN 1101	004/78598	T Th F 2:40pm - 3:55pm 412 Pupin Laboratories	Jose Placido Ruiz-Campillo	4	13/15
SPAN 1101	005/93048	T Th F 4:10pm - 5:25pm 412 Pupin Laboratories	Jose Placido Ruiz-Campillo	4	15/15
SPAN 1101	006/14521	T Th F 8:40am - 9:55am 412 Pupin Laboratories	Alvaro Enrigue	4	12/15

SPAN 1101	007/24247	T Th F 10:10am - 11:25am 412 Pupin Laboratories	Alvaro Enrigue	4	13/15
SPAN 1101	008/75965	T Th F 11:40am - 12:55pm 412 Pupin Laboratories	Alvaro Enrigue	4	13/15
SPAN 1101	009/88012	T Th F 6:10pm - 7:25pm 412 Pupin Laboratories	Jose Placido Ruiz-Campillo	4	11/15
SPAN 1101	010/06086	T Th F 8:40am - 9:55am 307 Milbank Hall	Maria Lozano	4	10/15
SPAN 1101	011/00511	T Th F 10:10am - 11:25am 307 Milbank Hall	Maria Lozano	4	13/15

SPAN W1113 Spanish Rapid Reading and Translation. 0 points.
3

Prerequisites: Offered only to graduate students in GSAS. 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.

Fall 2014: SPAN W1113

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1113	001/21098	T 4:10pm - 6:00pm 505 Casa Hispanica	Nicole Hughes	0	6

SPAN W1201 Intermediate Course, Part I. 4 points.

Prerequisites: W1102 or W1103 or the equivalent. "L" course. Enrollment limited to 15 students. Further development of spoken and written communication skills. Review of grammar and syntax. Discussion and analysis of short literary texts. Some linguistic and cultural analysis of contemporary internet materials, videos and films.

Fall 2014: SPAN W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1201	002/74925	T Th F 4:10pm - 5:25pm 425 Pupin Laboratories	Francisco Meizoso	4	11/15
SPAN 1201	003/20479	T Th F 6:10pm - 7:25pm 425 Pupin Laboratories	Francisco Meizoso	4	12/15
SPAN 1201	004/23335	T Th F 8:40am - 9:55am 425 Pupin Laboratories	Mercedes Perez-Serrano	4	13/15
SPAN 1201	005/68428	T Th F 10:10am - 11:25am 424 Pupin Laboratories	Mercedes Perez-Serrano	4	15/15

SPAN 1201	006/77656	T Th F 11:40am - 12:55pm 424 Pupin Laboratories	Mercedes Perez-Serrano	4	13/15
SPAN 1201	007/62833	M W F 8:40am - 9:55am 313 Pupin Laboratories	Lara Tucker	4	15/15
SPAN 1201	008/61625	M W F 10:10am - 11:25am 313 Pupin Laboratories	Lara Tucker	4	15/15
SPAN 1201	009/13062	M W F 2:40pm - 3:55pm 313 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1201	010/23729	M W F 4:10pm - 5:25pm 313 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1201	011/19218	M W F 11:40am - 12:55pm 222 Pupin Laboratories	Irene Alonso-Aparicio	4	14/15
SPAN 1201	012/08349	M W Th 10:10am - 11:25am 225 Milbank Hall	Jesus Suarez-Garcia	4	17/15
SPAN 1201	013/08647	M W Th 11:40am - 12:55pm 307 Milbank Hall	Maria Arce-Fernandez	4	18/15
SPAN 1201	014/02433	M W Th 1:10pm - 2:25pm 307 Milbank Hall	Maria Arce-Fernandez	4	17/15
SPAN 1201	015/06179	M W Th 2:40pm - 3:55pm 307 Milbank Hall	Maria Arce-Fernandez	4	17/15
SPAN 1201	017/06409	T Th F 10:10am - 11:25am 307 Milbank Hall	Monica Parra Rey	4	13/15
SPAN 1201	018/07617	T Th F 8:40am - 9:55am 307 Milbank Hall	Monica Parra Rey	4	14/15
SPAN 1201	020/27600	T Th F 6:10pm - 7:25pm 101 Knox Hall	Pedro Valero-Puertas	4	10/15
SPAN 1201	021/78291	T Th F 8:40am - 9:55am C01 80 Claremont	David Colmenares Gonzalez	4	12/15

Spring 2015: SPAN W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1201	001/13662	M W F 8:40am - 9:55am 254 International Affairs Bldg	Alejandro Quintero	4	9/15
SPAN 1201	002/19578	M W F 10:10am - 11:25am 325 Pupin Laboratories	Almudena Marin-Cobos	4	12/15
SPAN 1201	003/71905	M W F 11:40am - 12:55pm 505 Casa Hispanica	Santiago Acosta	4	11/15
SPAN 1201	004/10143	T Th F 10:10am - 11:25am 303 Union Theological Seminary	Roberto Valdovinos	4	10/15
SPAN 1201	005/60951	T Th 11:40am - 12:55pm 203 Union Theological Seminary	Mercedes Perez-Serrano	4	11/15
SPAN 1201	005/60951	F 11:40am - 12:55pm 205 Union Theological Seminary	Mercedes Perez-Serrano	4	11/15

SPAN 1201	006/14135	T Th F 2:40pm - 3:55pm	Mercedes Perez-Serrano	4	9/15
	103 Knox Hall				
SPAN 1201	007/26192	T Th F 8:40am - 9:55am	Marta Ferrer	4	5/15
	201 Casa Hispanica				
SPAN 1201	008/61415	T Th F 10:10am - 11:25am	Reyes Llopis-Garcia	4	15/15
	224 Pupin Laboratories				
SPAN 1201	009/91549	T Th F 4:10pm - 5:25pm	Mercedes Perez-Serrano	4	11/15
	424 Pupin Laboratories				
SPAN 1201	010/83781	M W F 4:10pm - 5:25pm	Pedro Valero-Puertas	4	12/15
	254 International Affairs Bldg				
SPAN 1201	011/09567	M W Th 1:10pm - 2:25pm	Jesus Suarez-Garcia	4	16/15
	903 Altschul Hall				
SPAN 1201	012/10948	T Th F 11:40am - 12:55pm	Reyes Llopis-Garcia	4	15/15
	224 Pupin Laboratories				

SPAN W1220 Comprehensive Intermediate Spanish. 4 points.

Prerequisites: A score of 380-624 in the department's Placement Examination, or SPAN W1102, or SPAN W1120. One-term intensive coverage of the contents of SPAN W1201 and SPAN W1202. A student may not receive credit for both SPAN W1220 and the sequence SPAN W1201-SPAN W1202 or SPAN BC1203-SPAN BC1204.

Fall 2014: SPAN W1220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1220	001/73677	T Th F 2:40pm - 3:55pm	Perla Rozencaig	4	14/15
	412 Pupin Laboratories				
SPAN 1220	002/12003	T Th F 4:10pm - 5:25pm	Perla Rozencaig	4	14/15
	412 Pupin Laboratories				

Spring 2015: SPAN W1220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1220	001/27951	F 11:40am - 12:55pm	Perla Rozencaig	4	15/15
	201 Casa Hispanica				
SPAN 1220	001/27951	T Th 11:40am - 12:55pm	Perla Rozencaig	4	15/15
	505 Casa Hispanica				
SPAN 1220	002/16156	T Th F 2:40pm - 3:55pm	Perla Rozencaig	4	14/15
	307 Pupin Laboratories				

SPAN W1102 Elementary Spanish II. 4 points.

Prerequisites: SPAN W1101, or a score of 280-379 in the department's 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 Spanish W1101. Main 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.

Fall 2014: SPAN W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	001/24045	T Th F 10:10am - 11:25am	Diana Romero	4	14/15
	325 Pupin Laboratories				
SPAN 1102	002/70007	M W F 11:40am - 12:55pm	Lee Abraham	4	12/15
	253 International Affairs Bldg				
SPAN 1102	003/66585	M W F 2:40pm - 3:55pm	Lee Abraham	4	14/15
	407 Hamilton Hall				
SPAN 1102	004/22599	M W F 4:10pm - 5:25pm	Lee Abraham	4	10/15
	407 Hamilton Hall				
SPAN 1102	005/77243	T Th F 2:40pm - 3:55pm	Francisco Meizoso	4	13/15
	425 Pupin Laboratories				
SPAN 1102	006/22454	T Th F 11:40am - 12:55pm	Perla Rozencaig	4	14/15
	307 Pupin Laboratories				
SPAN 1102	007/00615	M W Th 10:10am - 11:25am	Alma Mora	4	14/15
	207 Milbank Hall				
SPAN 1102	008/03187	M W Th 11:40am - 12:55pm	Alma Mora	4	13/15
	207 Milbank Hall				

Spring 2015: SPAN W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	001/76964	M W F 11:40am - 12:55pm	Lee Abraham	4	14/15
	255 International Affairs Bldg				
SPAN 1102	002/72095	M W F 2:40pm - 3:55pm	Lee Abraham	4	15/15
	255 International Affairs Bldg				
SPAN 1102	003/10997	T Th F 11:40am - 12:55pm	Oscar Barreto	4	15/15
	307 Pupin Laboratories				
SPAN 1102	004/16769	T Th F 2:40pm - 3:55pm	Lara Tucker	4	14/15
	425 Pupin Laboratories				
SPAN 1102	005/74884	T Th F 4:10pm - 5:25pm	Lara Tucker	4	14/15
	425 Pupin Laboratories				
SPAN 1102	006/18647	T Th F 6:10pm - 7:25pm	Francisco Meizoso	4	8/15
	424 Pupin Laboratories				
SPAN 1102	007/23976	T Th F 8:40am - 9:55am	Francisco Meizoso	4	14/15
	424 Pupin Laboratories				
SPAN 1102	008/13639	T Th F 10:10am - 11:25am	Francisco Meizoso	4	15/15
	307 Pupin Laboratories				
SPAN 1102	009/71004	T Th F 11:40am - 12:55pm	Lara Tucker	4	15/15
	407 Hamilton Hall				
SPAN 1102	010/25472	T Th F 10:10am - 11:25am	Diana Romero	4	15/15
	425 Pupin Laboratories				
SPAN 1102	011/72238	T Th F 11:40am - 12:55pm	Diana Romero	4	15/15
	425 Pupin Laboratories				

SPAN 1102	014/07842 M W Th 10:10am - 11:25am	Alma Mora	4	15/15	SPAN 1202	002/13092 T Th F 4:10pm - 5:25pm	Guadalupe Ruiz-Fajardo	4	15/15
	302 Lehman Hall					325 Pupin Laboratories			
SPAN 1102	015/02224 M W Th 11:40am - 12:55pm	Alma Mora	4	14/15	SPAN 1202	003/72252 T Th F 6:10pm - 7:25pm	Guadalupe Ruiz-Fajardo	4	12/15
	302 Lehman Hall					325 Pupin Laboratories			
SPAN 1102	016/06432 M W Th 2:40pm - 3:55pm	Alma Mora	4	13/15	SPAN 1202	004/28943 T Th F 10:10am - 11:25am	Reyes Llopis-Garcia	4	15/15
	327 Milbank Hall					224 Pupin Laboratories			
SPAN 1102	017/02413 T Th F 2:40pm - 3:55pm	Javier Perez Zapatero	4	17/15	SPAN 1202	005/19295 T Th F 11:40am - 12:55pm	Cristina Fernandez-Gutierrez	4	13/15
	225 Milbank Hall					224 Pupin Laboratories			
SPAN 1102	018/03325 T Th F 4:10pm - 5:25pm	Javier Perez Zapatero	4	15/15	SPAN 1202	006/22072 M W F 11:40am - 12:55pm	Sonia Montero	4	15/15
	202 Milbank Hall					412 Pupin Laboratories			

SPAN W1120 Comprehensive Beginning Spanish. 4 points.

Prerequisites: A score below 379 in the department's Placement Examination or some previous exposure to the language.

One-term intensive coverage of the contents of SPAN W1101 and SPAN W1102. A student may not receive credit for both SPAN W1120 and the sequence SPAN W1101-SPAN W1102.

Fall 2014: SPAN W1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/14510	T Th F 10:10am - 11:25am	Angelina Craig-Florez	4	13/15
		425 Pupin Laboratories			
SPAN 1120	002/69898	T Th F 11:40am - 12:55pm	Angelina Craig-Florez	4	15/15
		425 Pupin Laboratories			

Spring 2015: SPAN W1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/72094	T Th F 10:10am - 11:25am	Angelina Craig-Florez	4	12/15
		313 Pupin Laboratories			
SPAN 1120	002/21226	T Th F 11:40am - 12:55pm	Angelina Craig-Florez	4	11/15
		313 Pupin Laboratories			

SPAN W1202 Intermediate Spanish II. 4 points.

Prerequisites: SPAN W1201 or a score of 450-624 in the department's Placement Examination.

An intensive course in Spanish language communicative competence, with stress on oral interaction, reading, writing and culture as a continuation of SPAN W1201.

Fall 2014: SPAN W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1202	001/25848	T Th F 2:40pm - 3:55pm	Guadalupe Ruiz-Fajardo	4	12/15
		325 Pupin Laboratories			

SPAN 1202	007/68045	M W F 2:40pm - 3:55pm	Sonia Montero	4	13/15
		424 Pupin Laboratories			
SPAN 1202	008/14318	M W F 4:10pm - 5:25pm	Sonia Montero	4	15/15
		424 Pupin Laboratories			
SPAN 1202	009/62478	M W F 10:10am - 11:25am	Cristina Fernandez-Gutierrez	4	13/15
		222 Pupin Laboratories			
SPAN 1202	010/10312	M W F 8:40am - 9:55am	Cristina Fernandez-Gutierrez	4	15/15
		206 Casa Hispanica			
SPAN 1202	011/04596	M W Th 11:40am - 12:55pm	Jesus Suarez-Garcia	4	16/15
		302 Lehman Hall			
SPAN 1202	012/05504	M W Th 1:10pm - 2:25pm	Jesus Suarez-Garcia	4	17/15
		225 Milbank Hall			
SPAN 1202	013/27533	T Th F 2:40pm - 3:55pm	Alvaro Enrigue	4	9/15
		253 International Affairs Bldg			

Spring 2015: SPAN W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1202	001/27288	T Th F 10:10am - 11:25am	Francisco Rosales-Varo	4	15/15
		652 Schermerhorn Hall			
SPAN 1202	002/61613	T Th F 11:40am - 12:55pm	Francisco Rosales-Varo	4	16/15
		652 Schermerhorn Hall			
SPAN 1202	003/24861	T Th F 2:40pm - 3:55pm	Francisco Rosales-Varo	4	14/15
		307 Mathematics Building			
SPAN 1202	004/69052	T Th F 2:40pm - 3:55pm	Guadalupe Ruiz-Fajardo	4	14/15
		325 Pupin Laboratories			
SPAN 1202	005/65719	T Th F 4:10pm - 5:25pm	Guadalupe Ruiz-Fajardo	4	15/15
		325 Pupin Laboratories			
SPAN 1202	006/21725	T Th F 6:10pm - 7:25pm	Jessica Gordon-Burroughs	4	5/15
		505 Casa Hispanica			
SPAN 1202	007/63551	M W F 10:10am - 11:25am	Sonia Montero	4	13/15
		222 Pupin Laboratories			
SPAN 1202	008/14207	M W F 11:40am - 12:55pm	Sonia Montero	4	15/15
		222 Pupin Laboratories			

SPAN 1202	009/62050 M W F 2:40pm - 3:55pm	Sonia Montero	4	13/15
SPAN 1202	010/68292 M W F 11:40am - 12:55pm	Irene Alonso-Aparicio	4	15/15
SPAN 1202	011/63278 M W F 2:40pm - 3:55pm	Irene Alonso-Aparicio	4	15/15
SPAN 1202	012/72381 M W F 4:10pm - 5:25pm	Irene Alonso-Aparicio	4	11/15
SPAN 1202	013/10302 T Th F 8:40am - 9:55am	Cristina Fernandez-Gutierrez	4	15/15
SPAN 1202	014/12809 T Th F 10:10am - 11:25am	Cristina Fernandez-Gutierrez	4	12/15
SPAN 1202	015/25274 T Th F 11:40am - 12:55pm	Cristina Fernandez-Gutierrez	4	12/15
SPAN 1202	018/04230 M W Th 11:40am - 12:55pm	Maria Arce-Fernandez	4	14/15
SPAN 1202	019/09111 Th 1:10pm - 2:25pm	Maria Arce-Fernandez	4	16/15
SPAN 1202	019/09111 M W 1:10pm - 2:25pm	Maria Arce-Fernandez	4	16/15
SPAN 1202	020/04596 T Th F 8:40am - 9:55am	Leonor Pons Coll	4	12/15
SPAN 1202	021/06478 T Th F 10:10am - 11:25am	Leonor Pons Coll	4	13/15
SPAN 1202	022/06384 T Th F 11:40am - 12:55pm	Leonor Pons Coll	4	15/15

SPAN W3300 Advanced Language through Content. 3 points.

Prerequisites: Completion of the language requirement. "L" course; enrollment limited to 15 students. IMPORTANT: This course replaces the former W3200 and BC3004. If you have taken those courses, do not enroll for W3300. Although section topics vary, you may only take 3300 ONCE.

Content-based advanced study of selected aspects of grammar and vocabulary, aimed at increasing proficiency in speaking, listening comprehension, and reading comprehension, with a special emphasis on writing. Topic varies according to instructor. Sections and topics taught at the Department of Spanish and Latin American Cultures include: Hispanic Cultures in the Age of Globalization; Translating Cultures - Advanced Spanish for Native Speakers; Cultura - An Online Cross-Cultural Dialogue; Reading and Interpreting Narrative; Theatre & Society in Contemporary Spain; Short Stories in Latin America; and Immigration and U. S. Educational Policies.

Fall 2014: SPAN W3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/23391	M W 2:40pm - 3:55pm 325 Pupin Laboratories	Francisco Rosales-Varo	3	12/15
SPAN 3300	002/64953	M W 10:10am - 11:25am 206 Casa Hispanica	Daniella Wurst	3	14/15
SPAN 3300	003/15529	T Th 2:40pm - 3:55pm 201 Casa Hispanica	Susanna Alles Torrent	3	12/15
SPAN 3300	004/18845	M W 11:40am - 12:55pm 206 Casa Hispanica	Ibair Atutxa	3	14/15
SPAN 3300	006/08102	M W 1:10pm - 2:25pm 501 Milbank Hall	Javier Perez Zapatero	3	7/15
SPAN 3300	007/01208	T Th 11:40am - 12:55pm 325 Milbank Hall	Maria Lozano	3	14/15

Spring 2015: SPAN W3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/13137	T Th 1:10pm - 2:25pm 425 Pupin Laboratories	Reyes Llopis-Garcia	3	14/15
SPAN 3300	002/15090	T Th 2:40pm - 3:55pm 609 Hamilton Hall	Angelina Craig-Florez	3	12/15
SPAN 3300	003/67113	T Th 4:10pm - 5:25pm 224 Pupin Laboratories	Perla Rozencvaig	3	12/15
SPAN 3300	004/72851	M W 11:40am - 12:55pm 313 Pupin Laboratories	Ibair Atutxa	3	7/15
SPAN 3300	005/18784	M W 4:10pm - 5:25pm 313 Hamilton Hall	Sarah Goldberg	3	11/15
SPAN 3300	006/69394	T Th 10:10am - 11:25am 307 Union Theological Seminary	Daniella Wurst	3	8/15
SPAN 3300	008/04348	M W 2:40pm - 3:55pm 225 Milbank Hall	Maria Arce-Fernandez	3	10/15
SPAN 3300	009/01614	T Th 1:10pm - 2:25pm 501 Milbank Hall	Javier Perez Zapatero	3	7/15
SPAN 3300	010/08013	M W 10:10am - 11:25am 307 Milbank Hall	Jesus Suarez-Garcia	3	10/15

SPAN W3349 Hispanic Cultures I: Islamic Spain through the Colonial Period. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: Literature (LIT).

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 2014: SPAN W3349

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/71643	T Th 10:10am - 11:25am 206 Casa Hispanica	Miguel Ibanez Aristondo	3	13/15
SPAN 3349	002/16705	M W 10:10am - 11:25am 201 Casa Hispanica	Patricia Grieve	3	14/15
SPAN 3349	003/09556	T Th 1:10pm - 2:25pm 206 Casa Hispanica	Rachel Stein	3	10/15

Spring 2015: SPAN W3349

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/67116	M W 8:40am - 9:55am 201 Casa Hispanica	Miguel Ibanez Aristondo	3	12/15
SPAN 3349	002/67986	T Th 11:40am - 12:55pm 206 Casa Hispanica	Mariana Velazquez	3	12/15
SPAN 3349	004/04298	T Th 4:10pm - 5:25pm 225 Milbank Hall	Orlando Bentancor	3	13/15

SPAN W3350 Hispanic Cultures II: Enlightenment to the Present. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

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-siècle 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 2014: SPAN W3350

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/70076	T Th 1:10pm - 2:25pm 201 Casa Hispanica	Gustavo Perez-Firmat	3	12/15
SPAN 3350	002/23146	M W 11:40am - 12:55pm 316 Hamilton Hall	Adrian Espinoza Staines	3	15/15

Spring 2015: SPAN W3350

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/64719	M W 11:40am - 12:55pm 201 Casa Hispanica	Adrian Espinoza Staines	3	16/15
SPAN 3350	003/74227	T Th 10:10am - 11:25am 201 Casa Hispanica	Anne Freeland	3	14/15
SPAN 3350	004/01239	T Th 10:10am - 11:25am 327 Milbank Hall	Ronald Briggs	3	14/15

SPAN W3468 Spanish American Poetry. 3 points. Not Offered During 2014-15 Academic Year.

Prerequisites: Spanish W3349, W3350, or instructor's permission.

The aims of the class are twofold: 1) to explore the language of poetry and ways of approaching it; 2) to study selected poems by major figures of XXth- and XXIst-century Spanish American poetry. For the purposes of the class, poems will be considered not as ideological constructs or forms of cultural production, but as aesthetic artifacts, sources of readerly pleasure and enlightenment. As the American poet Robert Frost put it: A poem begins in delight and ends in wisdom. Authors to be discussed include Pablo Neruda, César Vallejo, Alfonsina Storni, Nicolás Guillén, Alejandra Pizarnik, Nicanor Parra, and José Kozer.

Spring 2015: SPAN W3468

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3468	001/68054	T Th 11:40am - 12:55pm 201 Casa Hispanica	Gustavo Perez-Firmat	3	15/15

SPAN W3490 Latin American Humanities I: From Pre-Columbian Civilizations to the Creation of New Nations. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course aims to offer an overview of Latin American cultures that emphasizes specific social and intellectual movements through an analysis of representative historical and literary texts, as well as visual sources, covering Pre-columbian, colonial and independence periods. Selected materials are essential documents of their times and provide a comprehensive view of the origins and construction of Latin American cultures and identities. We read and analyze the selected sources as essential documents that are also often influential statements about Latin American histories.

SPAN W3690 Seeing and Describing. 3 points.

With the expansion projects of Portugal and Spain throughout the world between the 15th and the 17th centuries, travelers, conquistadors, missionaries, art theorists, and collectors were suddenly challenged by the encounter with a myriad new forms, images, objects, sculptures, cities, monuments, and

techniques—those produced and developed in the Americas, Asia, and Africa. They recorded their emotions, surprise, reactions, and desires in written texts, mainly written in Spanish (and Portuguese) encompassing chronicles, letters, inventories, and artistic treatises. Several of these texts were printed and translated into other languages, becoming accessible to a larger audience. In this seminar we will study how the intensity of these simultaneous visual experiences of the objects encountered in the four parts of the world—or observed once they were sent to Europe—was translated into textual accounts, which often also included drawings and engravings. Participating in the long-lasting tradition of “ekphrasis,” (a description of or comment on a work of art) the texts written in the context of the Iberian expansion reinvent the art of describing artworks in unexpected ways. Compared with ancient texts addressing objects and images, the challenge of the Early Modern Iberian descriptions was driven by new intellectual challenges: to think of the “opening of the world” and its variety via the novelty of the objects; to relate the world and its forms through a common, almost “atemporal,” antiquity of the globe that would enable different societies and their histories to synchronize; to redefine the humanity via the artistic capacities and skills to make and to create. We will read a great corpus of these primary sources, mainly written in Spanish, as well as secondary sources (classic studies along the most recent contributions), which will help us envision the art-historical, anthropological, and philosophical implications of these unstudied texts.

Spring 2015: SPAN W3690

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3690	001/22791	T Th 2:40pm - 3:55pm 201 Casa Hispanica	Alessandra Russo	3	4/15

SPAN W3698 Introduction to Undergraduate Research. 4 points.

The "Introduction to Undergraduate Research" will ensure that majors, concentrators, and other students in advance courses in the Department of Latin American and Iberian Cultures (LAIC) master the skills, techniques, and practices they will need to undertake research in Latin American and Iberian Cultures and to pursue further lines of inquiry within the humanities. Throughout this course, students will hone their academic writing skills in Spanish, Portuguese, and/or Catalan while they develop the necessary methodology to identify and approach primary sources, understand the manual and digital systems of analysis of those sources, and conduct bibliographical research toward advance scholarship. Over the course of the semester, students will propose, research, plan and write an article-length research paper on the topic of their choice, which they will have the opportunity to submit to the *LAIC Journal of Undergraduate Research*. The seminar will familiarize students with the resources and tools that will help them to pursue such a project, including Columbia's library and archival collections, other institutional libraries accessible

digitally, annotation and citation apps, and word-processing programs that are ideal for large-scale writing projects. As such, the course will be largely methodological, designed to provide hands-on knowledge to students that will both orient them within the field of Latin American and Iberian Cultures and arm them with research and project-planning skills that are applicable beyond the discipline.

Spring 2015: SPAN W3698

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3698	001/11345	M W 1:10pm - 2:25pm 222 Pupin Laboratories	Susanna Alles Torrent	4	4

SPAN W3710 20th Century Latin American Literature. 3 points.

Not Offered During 2014-15 Academic Year.

A survey of major works and authors in their historical and personal context, with emphasis on lyric poetry, narrative and essay.

Spring 2015: SPAN W3710

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3710	001/72674	T Th 1:10pm - 2:25pm 201 Casa Hispanica	Gustavo Perez-Firmat	3	19/15

SPAN W3799 Discourse in Spanish: Analysis and Production. 3 points.

Prerequisites: SPAN 3300

This course will make the students familiar with discourse tools in order to analyze and produce texts in Spanish. It has two general pedagogical objectives: giving the students the tools for discourse analysis and teaching how to use them in the construction of their own discourse practice. This twofold configuration means that the students will learn language consciously and deeply how the language in action works and how to use the language as an instrument of their own. The course will have three parts. The first will deal with textual construction- discourse genders, how to construct coherence and cohesion in Spanish with special attention to discourse markers and connectors, differences between oral and written discourse, and register. The second will be about conversational analysis – the structure of interaction in a wide range of encounters, from those very ritualized – such as ceremonies or classes– to casual conversation. We also deal with non verbal communication and their role in social interaction from a multimodal perspective. The third part will be about critical discourse analysis and ideological discourse construction. We will use the tools learned in the previous parts to trace ideology in different forms of discourse, for instance, the building of Latin identity in music, sexism in advertisement, the Latin bourgeois family in soap operas, and political discourse. Also the students will

select areas of analysis and production of their interest. For the three parts of the course, students will analyze primary texts such as advertisement, music, TV series, realities, films, conversations among native speakers, news, blogs, text messages, academic production, and text books. They also will produce discourse pieces according to specific communicative purposes and situations, such as an advertising campaign, political discourses, academic texts and film/TV scripts.

Secondary texts will be in Spanish (original, not translated), although there will be a recommended reading list of classical DA texts in English. Assessment and grade will be built on:

1. three take home exams on the analysis of different texts (one for each course three parts);
2. student's production of required texts;
3. class preparation and participation.

Spring 2015: SPAN W3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3799	001/61348	T Th 6:10pm - 7:25pm 313 Pupin Laboratories	Guadalupe 3 Ruiz-Fajardo		8/15

SPAN W3991 Senior Seminar. 4 points.

Prerequisites: Senior major or concentrator Status

You are on Facebook. A white box shows a light grey text in which the system prompts you to respond to the following question: "What's on your mind?" Since you are conscious of your *mind*, and you know the stuff of such consciousness is inside such mind, you feel that the question concerns you, and not somebody else going by the name of *you*. You answer with a text, some words hastily scribbled; you add a picture, perhaps a *selfie*, or a video, or a link to something you have read before. You hit the return button, and your answer is sent to the world. Literally, to the whole world. In your small interaction with the machine, everything you did has been registered by a number of different computers spread around the world. Your response contained elements of truth, perhaps an avowal; it also contains something that you did not intend to say, or something you avoided saying, leaving some sort of ellipsis, or blank; you also made some fiction –not a *lie*, only fiction, that is, you *narrated*. Now, you are engaging in Digital Storytelling. What is the language of Digital Storytelling? Even though most of our readings are in English, we need to engage in a discussion about the language of the Internet, about English, and about Latin American and Iberian languages. We are not talking exclusively about Spanish or Portuguese, but also about other Latin American and Iberian *less taught languages* like Catalan, Basque, American indigenous languages, etc. Digital Storytelling has been defined as a multimedia set of processes permitting *everyday people* to *share* aspects of *their* life. The words I have emphasized are part of the Wikipedia (<http://laic.columbia.edu/hispanic-institute/current-issue-rhm>) definition of Digital Storytelling. They are, however, problematic, and they need to be analyzed: what do they mean by *everyday people*? What does it mean to *share*? Why *their* lives, like that, in the third grammatical person?

What do institutions and corporations do with *our shared lives*, with our storytelling –texts, videos, photography? How do *share lives* interfere with the platonic idea, common to the Humanities, Natural and Social Sciences, Philosophy, about leading *examined lives*? Anthropologists, historians, libraries, institutions, corporations increasingly rely in what they get from Digital Storytelling. From text, to pictures, drawings, video, etc., Digital Storytelling constitutes an amazing array of crowd-sourced materials for a myriad purposes. It is treated as *true* data –perhaps *all* data is inherently *true*, as it is something instead of nothing. But, what is the status of truth, certainty, un-truth, and, above all, *fiction*. What is the role of *fiction* in Digital Storytelling? Digital storytelling does not only reside on the screen. This is only the visible, readable part of DS. There is another part we call metadata that is not exactly readable by our common eyes. The metadata constitute the elements that are readable by machines, fodder for statistics and analyses of big data. This is, as well, Digital Storytelling. In the end we will be discussing the very complex relationships between individual consciousness and self-hermeneutics, and globalization.

Spring 2015: SPAN W3991

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3991	001/24142	T 1:10pm - 3:00pm 206 Casa Hispanica	Jesus Rodriguez-Velasco	4	11/16

PORTUGUESE

PORT W1101 Elementary Portuguese, I and II. 4 points.

This is a beginning course designed for students who start their study in Portuguese and, in most cases, have no proficiency in another Romance Language. The four language skills: listening, speaking, reading, and writing are explored at the basic level

Fall 2014: PORT W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/65133	M W F 2:40pm - 3:55pm 307 Pupin Laboratories	Ana Huback	4	15/15
PORT 1101	002/75857	T Th F 10:10am - 11:25am 307 Pupin Laboratories	Joao Nemi Neto	4	7/15
PORT 1101	003/64729	T Th F 4:10pm - 5:25pm 255 International Affairs Bldg	Joao Nemi Neto	4	6/15

Spring 2015: PORT W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/72595	M W F 1:10pm - 2:25pm 325 Pupin Laboratories	Ana Huback	4	12/15

PORT W1102 Elementary Portuguese II. 4 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.

Spring 2015: PORT W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1102	001/77242	T Th 10:10am - 11:25am 203 Union Theological Seminary	Joao Nemi Neto	4	13/15
PORT 1102	001/77242	F 10:10am - 11:25am 300 Union Theological Seminary	Joao Nemi Neto	4	13/15
PORT 1102	002/18181	T Th F 2:40pm - 3:55pm 36 Union Theological Seminary	Joao Nemi Neto	4	7/15

PORT W1202 Intermediate Portuguese, I and II W1201: 4pts. W1202: 3 Pts.. 4 points.

Prerequisites: *PORT W1120* or the equivalent.
General review of grammar, with emphasis on self-expression through oral and written composition, reading, conversation, and discussion.

Spring 2015: PORT W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1202	001/14463	M W F 2:40pm - 3:55pm 408 Hamilton Hall	Ana Huback	4	4/15

PORT W1220 Comprehensive Intermediate Portuguese. 4 points.

Prerequisites: PORT W1102 or PORT W1320.
This course discusses contemporary issues based on articles from Lusophone newspapers and magazines. Students will review grammar, expand their vocabulary and improve oral expression, writing, and reading skills. They are also exposed to audiovisual material that will deepen their understanding of Lusophone societies and culture.

Fall 2014: PORT W1220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1220	001/75547	M W F 1:10pm - 2:25pm 307 Pupin Laboratories	Ana Huback	4	15/15

Spring 2015: PORT W1220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1220	001/73589	M W F 4:10pm - 5:25pm 406 Hamilton Hall	Ana Huback	4	12/15

PORT W1320 Comprehensive Elementary Portuguese I and II for Spanish Speakers. 4 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 2014: PORT W1320

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/77230	T Th 9:00am - 10:50am 316 Hamilton Hall	Jose Castellanos-Pazos	4	9/15
PORT 1320	002/27188	T Th 12:10pm - 2:00pm 318 Hamilton Hall	Jose Castellanos-Pazos	4	12/15
PORT 1320	003/71023	M W 9:00am - 10:50am 316 Hamilton Hall	Jose Castellanos-Pazos	4	8/15

Spring 2015: PORT W1320

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/67285	M W 9:00am - 10:50am 505 Casa Hispanica	Jose Castellanos-Pazos	4	11/15
PORT 1320	002/65815	T Th 9:00am - 10:50am 505 Casa Hispanica	Jose Castellanos-Pazos	4	7/15

PORT W3300 Advanced Language through Content. 3 points.

Corequisites: Port W1220
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. Each section is based on the exploration of an ample theme that serves as the organizing principle for the work done in class. This will serve as the topical context to review advanced points of Portuguese grammar and structure through written and oral practice, and to introduce the basic principles of academic composition in Portuguese, particularly those pertaining to narration and description. This course is required for the concentration in Portuguese Studies. "Brasil: Favela e carnaval" intends to offer an exploration of issues related to poverty, race and violence through cultural phenomena manifested in fiction, music, film and media in today's Brazilian society. *This course is required for the concentration in Portuguese Studies.*

Fall 2014: PORT W3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3300	001/25522	M W 10:10am - 11:25am 325 Pupin Laboratories	Deneb Kozikoski Valereto	3	12/15

Spring 2015: PORT W3300

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3300	001/16314	M W 10:10am - 11:25am 313 Pupin Laboratories	Daniella Diniz da Silva	3	6/15

PORT W3330 Introduction to Portuguese Studies. 3 points.**Not Offered During 2014-15 Academic Year.**

This course presents the students with the information and basic tools needed to interpret a broad range of topics and cultural production from the Portuguese-speaking world: literary, filmic, artistic, architectural, urban, etc. We will use a continuing cross-disciplinary dialogue to study everyday acts as a location of culture. This course will center on interpretation as an activity and as the principal operation through which culturally sited meaning is created and analyzed. Among the categories and topics discussed will be history, national and popular cultures, literature (high/low), cultural institutions, migration, and globalization. Students will also acquire the fundamental vocabulary for the analysis of cultural objects. This course is required for the concentration in Portuguese Studies.

Spring 2015: PORT W3330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3330	001/61881	T Th 10:10am - 11:25am 206 Casa Hispanica	Daniel Da Silva	3	5/15

PORT W3350 Lusophone Africa and Afro Brazilian Culture. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course focuses on Lusophone African and African Brazilian cultures and the relations, continuities, ruptures and influences between them. Brazil is the result of the miscegenation of Amerindians, African and Europeans, and this means that is also a cultural *mélange* of these groups. The African cultural contribution to Brazilian culture and grand-narrative is the primary focus of this course, however, to understand Brazil one needs to understand the cultural diversity found in Lusophone Africa, with which Brazil has had a long relationship. The readings for this course include texts from different disciplines and genres. We will study texts, movies and other forms of visual arts from the following authors: José Eduardo Agualusa, Pepetela, Mia Couto, Jorge Amado, Achille, Mbembe, Hilton Costa, Jocélio Teles dos

Santos, Livio Sansone, José Luis Cabaço, Benedita da Silva and Solano Trindade

Spring 2015: PORT W3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3350	001/23298	T Th 4:10pm - 5:25pm 307 Pupin Laboratories	Joao Nemi Neto	3	14/15

PORT W3490 Brazilian Society and Civilization. 3 points. Not Offered During 2014-15 Academic Year.

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.

Spring 2015: PORT W3490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3490	001/26893	M W 4:10pm - 5:25pm 206 Casa Hispanica	Deneb Kozikoski Valereto	3	8/15

CATALAN**CATL W1120 Comprehensive Beginning Catalan. 4 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 2014: CATL W1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/13159	T Th 4:10pm - 6:00pm 253 International Affairs Bldg	Elsa Ubeda	4	10/15

Spring 2015: CATL W1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/24469	T Th 4:10pm - 6:00pm 254 International Affairs Bldg	Elsa Ubeda	4	8/15

CATL W1201 Intermediate Catalan I. 4 points.

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 2014: CATL W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1201	001/76749	T Th 12:10pm - 2:00pm 302 Casa Hispanica	Elsa Ubeda	4	2/15

Spring 2015: CATL W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1201	001/71770	T Th 12:10pm - 2:00pm 34 Union Theological Seminary	Elsa Ubeda	4	3/15

CATL W1202 Intermediate Catalan II. 4 points. Not Offered During 2014-15 Academic Year.

Corequisites: Catalan 1201 or the 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.

Spring 2015: CATL W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1202	001/27488	T Th 10:10am - 12:00pm 34 Union Theological Seminary	Elsa Ubeda	4	4/15

CATL W3330 Introduction to Catalan Culture. 3 points.

This is a content course covering topics regarding Catalan history, society, literature and visual arts. The objective of the course is to examine the main socio-cultural manifestations in the Catalan-speaking territories. Topics to be discussed include: bilingualism and language as the marker of "authentic" national identity; the influx of immigration and the constant redefinition of all things Catalan; the very locally rooted and at the same time very international outlook of the Catalan avant-garde from Foix to Tàpies; the protest song and the cultural manifestations during the Franco repression, and the crucial role of the city of Barcelona as a cultural focus and its impact on literature, film, and arts. By the end of the semester students will be familiar with the main social and cultural issues of the Catalan-speaking territories. The course will be taught in Spanish and counts as an elective towards the major in Hispanic Cultures.

Fall 2014: CATL W3330

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CATL 3330	001/70964	T Th 10:10am - 11:25am 412 Pupin Laboratories	Elsa Ubeda	3	10/15

FALL 2014 SPANISH

SPAN W1101 Elementary Spanish I. 4 points.

Prerequisites: A score of 0-279 in the department's Placement Examination.

An introduction to Spanish communicative competence, with stress on basic oral interaction, reading, writing, 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.

Fall 2014: SPAN W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/29602	M W F 8:40am - 9:55am 255 International Affairs Bldg	Santiago Acosta	4	13/15
SPAN 1101	002/70915	T Th F 8:40am - 9:55am 201 Casa Hispanica	Alvaro Enrique	4	16/15
SPAN 1101	003/18944	M W F 10:10am - 11:25am 412 Pupin Laboratories	Almudena Marin-Cobos	4	13/15
SPAN 1101	004/11774	T Th F 11:40am - 12:55pm 313 Pupin Laboratories	Marta Ferrer	4	16/15
SPAN 1101	005/63930	T Th F 10:10am - 11:25am 201 Casa Hispanica	Alejandro Quintero	4	13/15
SPAN 1101	006/13255	M W F 11:40am - 12:55pm 505 Casa Hispanica	Roberto Valdovinos	4	16/15
SPAN 1101	007/16173	T Th F 6:10pm - 7:25pm 505 Casa Hispanica	Jose Placido Ruiz-Campillo	4	15/15
SPAN 1101	009/04304	T Th F 10:10am - 11:25am 327 Milbank Hall	Leonor Pons Coll	4	14/15
SPAN 1101	010/72107	T Th F 2:40pm - 3:55pm 609 Hamilton Hall	Angelina Craig-Florez	4	14/15
SPAN 1101	011/04913	T Th F 11:40am - 12:55pm 327 Milbank Hall	Leonor Pons Coll	4	14/15
SPAN 1101	012/09207	Th 2:40pm - 3:55pm 306 Milbank Hall	Javier Perez Zapatero	4	14/15
SPAN 1101	012/09207	M W 2:40pm - 3:55pm 323 Milbank Hall	Javier Perez Zapatero	4	14/15
SPAN 1101	013/00997	T Th F 8:40am - 9:55am 327 Milbank Hall	Leonor Pons Coll	4	15/15
SPAN 1101	014/95950	M W F 4:10pm - 5:25pm 253 International Affairs Bldg	Lara Tucker	4	14/15

SPAN 1101	015/27595	T Th F 4:10pm - 5:25pm 254 International Affairs Bldg	Alvaro Enrigue	4	14/15	SPAN 1102	001/24045	T Th F 10:10am - 11:25am 325 Pupin Laboratories	Diana Romero	4	14/15
SPAN 1101	016/87205	M W F 6:10pm - 7:25pm 511 Hamilton Hall	Sarah Goldberg	4	15/15	SPAN 1102	002/70007	M W F 11:40am - 12:55pm 253 International Affairs Bldg	Lee Abraham	4	12/15

Spring 2015: SPAN W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1101	001/23707	M W F 8:40am - 9:55am 425 Pupin Laboratories	Juan Jimenez-Caicedo	4	7/15	SPAN 1102	003/66585	M W F 2:40pm - 3:55pm 407 Hamilton Hall	Lee Abraham	4	14/15
SPAN 1101	002/12167	M W F 10:10am - 11:25am 424 Pupin Laboratories	Juan Jimenez-Caicedo	4	8/15	SPAN 1102	004/22599	M W F 4:10pm - 5:25pm 407 Hamilton Hall	Lee Abraham	4	10/15
SPAN 1101	003/73403	M W F 11:40am - 12:55pm 424 Pupin Laboratories	Juan Jimenez-Caicedo	4	15/15	SPAN 1102	005/77243	T Th F 2:40pm - 3:55pm 425 Pupin Laboratories	Francisco Meizoso	4	13/15
SPAN 1101	004/78598	T Th F 2:40pm - 3:55pm 412 Pupin Laboratories	Jose Placido Ruiz-Campillo	4	13/15	SPAN 1102	006/22454	T Th F 11:40am - 12:55pm 307 Pupin Laboratories	Perla Rozencvaig	4	14/15
SPAN 1101	005/93048	T Th F 4:10pm - 5:25pm 412 Pupin Laboratories	Jose Placido Ruiz-Campillo	4	15/15	SPAN 1102	007/00615	M W Th 10:10am - 11:25am 207 Milbank Hall	Alma Mora	4	14/15
SPAN 1101	006/14521	T Th F 8:40am - 9:55am 412 Pupin Laboratories	Alvaro Enrigue	4	12/15	SPAN 1102	008/03187	M W Th 11:40am - 12:55pm 207 Milbank Hall	Alma Mora	4	13/15
SPAN 1101	007/24247	T Th F 10:10am - 11:25am 412 Pupin Laboratories	Alvaro Enrigue	4	13/15	Spring 2015: SPAN W1102					
SPAN 1101	008/75965	T Th F 11:40am - 12:55pm 412 Pupin Laboratories	Alvaro Enrigue	4	13/15	SPAN 1102	001/76964	M W F 11:40am - 12:55pm 255 International Affairs Bldg	Lee Abraham	4	14/15
SPAN 1101	009/88012	T Th F 6:10pm - 7:25pm 412 Pupin Laboratories	Jose Placido Ruiz-Campillo	4	11/15	SPAN 1102	002/72095	M W F 2:40pm - 3:55pm 255 International Affairs Bldg	Lee Abraham	4	15/15
SPAN 1101	010/06086	T Th F 8:40am - 9:55am 307 Milbank Hall	Maria Lozano	4	10/15	SPAN 1102	003/10997	T Th F 11:40am - 12:55pm 307 Pupin Laboratories	Oscar Barreto	4	15/15
SPAN 1101	011/00511	T Th F 10:10am - 11:25am 307 Milbank Hall	Maria Lozano	4	13/15	SPAN 1102	004/16769	T Th F 2:40pm - 3:55pm 425 Pupin Laboratories	Lara Tucker	4	14/15

SPAN W1102 Elementary Spanish II. 4 points.

Prerequisites: SPAN W1101, or a score of 280-379 in the department's 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 Spanish W1101. Main 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.

Fall 2014: SPAN W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1102	009/71004	T Th F 11:40am - 12:55pm 407 Hamilton Hall	Lara Tucker	4	15/15	SPAN 1102	010/25472	T Th F 10:10am - 11:25am 425 Pupin Laboratories	Diana Romero	4	15/15
SPAN 1102	011/72238	T Th F 11:40am - 12:55pm 425 Pupin Laboratories	Diana Romero	4	15/15	SPAN 1102	014/07842	M W Th 10:10am - 11:25am 302 Lehman Hall	Alma Mora	4	15/15
SPAN 1102	015/02224	M W Th 11:40am - 12:55pm 302 Lehman Hall	Alma Mora	4	14/15						

SPAN 1102	016/06432 M W Th 2:40pm - 3:55pm 327 Milbank Hall	Alma Mora	4	13/15
SPAN 1102	017/02413 T Th F 2:40pm - 3:55pm 225 Milbank Hall	Javier Perez Zapatero	4	17/15
SPAN 1102	018/03325 T Th F 4:10pm - 5:25pm 202 Milbank Hall	Javier Perez Zapatero	4	15/15

SPAN W1113 Spanish Rapid Reading and Translation. 0 points.
3

Prerequisites: Offered only to graduate students in GSAS. 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.

Fall 2014: SPAN W1113

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1113	001/21098 T 4:10pm - 6:00pm 505 Casa Hispanica	Nicole Hughes	0	6	

SPAN W1120 Comprehensive Beginning Spanish. 4 points.

Prerequisites: A score below 379 in the department's Placement Examination or some previous exposure to the language. One-term intensive coverage of the contents of SPAN W1101 and SPAN W1102. A student may not receive credit for both SPAN W1120 and the sequence SPAN W1101-SPAN W1102.

Fall 2014: SPAN W1120

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/14510	T Th F 10:10am - 11:25am 425 Pupin Laboratories	Angelina Craig-Florez	4	13/15
SPAN 1120	002/69898	T Th F 11:40am - 12:55pm 425 Pupin Laboratories	Angelina Craig-Florez	4	15/15

Spring 2015: SPAN W1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1120	001/72094	T Th F 10:10am - 11:25am 313 Pupin Laboratories	Angelina Craig-Florez	4	12/15

SPAN 1120	002/21226 T Th F 11:40am - 12:55pm 313 Pupin Laboratories	Angelina Craig-Florez	4	11/15
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SPAN W1201 Intermediate Course, Part I. 4 points.

Prerequisites: W1102 or W1103 or the equivalent. "L" course. Enrollment limited to 15 students.

Further development of spoken and written communication skills. Review of grammar and syntax. Discussion and analysis of short literary texts. Some linguistic and cultural analysis of contemporary internet materials, videos and films.

Fall 2014: SPAN W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1201	002/74925	T Th F 4:10pm - 5:25pm 425 Pupin Laboratories	Francisco Meizoso	4	11/15
SPAN 1201	003/20479	T Th F 6:10pm - 7:25pm 425 Pupin Laboratories	Francisco Meizoso	4	12/15
SPAN 1201	004/23335	T Th F 8:40am - 9:55am 425 Pupin Laboratories	Mercedes Perez-Serrano	4	13/15
SPAN 1201	005/68428	T Th F 10:10am - 11:25am 424 Pupin Laboratories	Mercedes Perez-Serrano	4	15/15
SPAN 1201	006/77656	T Th F 11:40am - 12:55pm 424 Pupin Laboratories	Mercedes Perez-Serrano	4	13/15
SPAN 1201	007/62833	M W F 8:40am - 9:55am 313 Pupin Laboratories	Lara Tucker	4	15/15
SPAN 1201	008/61625	M W F 10:10am - 11:25am 313 Pupin Laboratories	Lara Tucker	4	15/15
SPAN 1201	009/13062	M W F 2:40pm - 3:55pm 313 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1201	010/23729	M W F 4:10pm - 5:25pm 313 Pupin Laboratories	Irene Alonso-Aparicio	4	15/15
SPAN 1201	011/19218	M W F 11:40am - 12:55pm 222 Pupin Laboratories	Irene Alonso-Aparicio	4	14/15
SPAN 1201	012/08349	M W Th 10:10am - 11:25am 225 Milbank Hall	Jesus Suarez-Garcia	4	17/15
SPAN 1201	013/08647	M W Th 11:40am - 12:55pm 307 Milbank Hall	Maria Arce-Fernandez	4	18/15
SPAN 1201	014/02433	M W Th 1:10pm - 2:25pm 307 Milbank Hall	Maria Arce-Fernandez	4	17/15
SPAN 1201	015/06179	M W Th 2:40pm - 3:55pm 307 Milbank Hall	Maria Arce-Fernandez	4	17/15
SPAN 1201	017/06409	T Th F 10:10am - 11:25am 307 Milbank Hall	Monica Parra Rey	4	13/15
SPAN 1201	018/07617	T Th F 8:40am - 9:55am 307 Milbank Hall	Monica Parra Rey	4	14/15

SPAN 1201	020/27600	T Th F 6:10pm - 7:25pm 101 Knox Hall	Pedro Valero-Puertas	4	10/15	SPAN 1202	001/25848	T Th F 2:40pm - 3:55pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	12/15
SPAN 1201	021/78291	T Th F 8:40am - 9:55am C01 80 Claremont	David Colmenares Gonzalez	4	12/15	SPAN 1202	002/13092	T Th F 4:10pm - 5:25pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	15/15

Spring 2015: SPAN W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1201	001/13662	M W F 8:40am - 9:55am 254 International Affairs Bldg	Alejandro Quintero	4	9/15	SPAN 1202	003/72252	T Th F 6:10pm - 7:25pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	12/15
SPAN 1201	002/19578	M W F 10:10am - 11:25am 325 Pupin Laboratories	Almudena Marin-Cobos	4	12/15	SPAN 1202	004/28943	T Th F 10:10am - 11:25am 224 Pupin Laboratories	Reyes Llopis-Garcia	4	15/15
SPAN 1201	003/71905	M W F 11:40am - 12:55pm 505 Casa Hispanica	Santiago Acosta	4	11/15	SPAN 1202	005/19295	T Th F 11:40am - 12:55pm 224 Pupin Laboratories	Cristina Fernandez-Gutierrez	4	13/15
SPAN 1201	004/10143	T Th F 10:10am - 11:25am 303 Union Theological Seminary	Roberto Valdovinos	4	10/15	SPAN 1202	006/22072	M W F 11:40am - 12:55pm 412 Pupin Laboratories	Sonia Montero	4	15/15
SPAN 1201	005/60951	T Th 11:40am - 12:55pm 203 Union Theological Seminary	Mercedes Perez-Serrano	4	11/15	SPAN 1202	007/68045	M W F 2:40pm - 3:55pm 424 Pupin Laboratories	Sonia Montero	4	13/15
SPAN 1201	005/60951	F 11:40am - 12:55pm 205 Union Theological Seminary	Mercedes Perez-Serrano	4	11/15	SPAN 1202	008/14318	M W F 4:10pm - 5:25pm 424 Pupin Laboratories	Sonia Montero	4	15/15
SPAN 1201	006/14135	T Th F 2:40pm - 3:55pm 103 Knox Hall	Mercedes Perez-Serrano	4	9/15	SPAN 1202	009/62478	M W F 10:10am - 11:25am 222 Pupin Laboratories	Cristina Fernandez-Gutierrez	4	13/15
SPAN 1201	007/26192	T Th F 8:40am - 9:55am 201 Casa Hispanica	Marta Ferrer	4	5/15	SPAN 1202	010/10312	M W F 8:40am - 9:55am 206 Casa Hispanica	Cristina Fernandez-Gutierrez	4	15/15
SPAN 1201	008/61415	T Th F 10:10am - 11:25am 224 Pupin Laboratories	Reyes Llopis-Garcia	4	15/15	SPAN 1202	011/04596	M W Th 11:40am - 12:55pm 302 Lehman Hall	Jesus Suarez-Garcia	4	16/15
SPAN 1201	009/91549	T Th F 4:10pm - 5:25pm 424 Pupin Laboratories	Mercedes Perez-Serrano	4	11/15	SPAN 1202	012/05504	M W Th 1:10pm - 2:25pm 225 Milbank Hall	Jesus Suarez-Garcia	4	17/15
SPAN 1201	010/83781	M W F 4:10pm - 5:25pm 254 International Affairs Bldg	Pedro Valero-Puertas	4	12/15	SPAN 1202	013/27533	T Th F 2:40pm - 3:55pm 253 International Affairs Bldg	Alvaro Enrique	4	9/15
SPAN 1201	011/09567	M W Th 1:10pm - 2:25pm 903 Altschul Hall	Jesus Suarez-Garcia	4	16/15	Spring 2015: SPAN W1202					
SPAN 1201	012/10948	T Th F 11:40am - 12:55pm 224 Pupin Laboratories	Reyes Llopis-Garcia	4	15/15	SPAN 1202	001/27288	T Th F 10:10am - 11:25am 652 Schermerhorn Hall	Francisco Rosales-Varo	4	15/15
SPAN W1202 Intermediate Spanish II. 4 points.						SPAN 1202	002/61613	T Th F 11:40am - 12:55pm 652 Schermerhorn Hall	Francisco Rosales-Varo	4	16/15
Prerequisites: SPAN W1201 or a score of 450-624 in the department's Placement Examination.						SPAN 1202	003/24861	T Th F 2:40pm - 3:55pm 307 Mathematics Building	Francisco Rosales-Varo	4	14/15
An intensive course in Spanish language communicative competence, with stress on oral interaction, reading, writing and culture as a continuation of SPAN W1201.						SPAN 1202	004/69052	T Th F 2:40pm - 3:55pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	14/15
Fall 2014: SPAN W1202						SPAN 1202	005/65719	T Th F 4:10pm - 5:25pm 325 Pupin Laboratories	Guadalupe Ruiz-Fajardo	4	15/15
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment	SPAN 1202	006/21725	T Th F 6:10pm - 7:25pm 505 Casa Hispanica	Jessica Gordon-Burroughs	4	5/15
						SPAN 1202	007/63551	M W F 10:10am - 11:25am 222 Pupin Laboratories	Sonia Montero	4	13/15

SPAN 1202	008/14207	M W F 11:40am - 12:55pm	Sonia Montero	4	15/15
		222 Pupin Laboratories			
SPAN 1202	009/62050	M W F 2:40pm - 3:55pm	Sonia Montero	4	13/15
		222 Pupin Laboratories			
SPAN 1202	010/68292	M W F 11:40am - 12:55pm	Irene Alonso-Aparicio	4	15/15
		C01 80 Claremont			
SPAN 1202	011/63278	M W F 2:40pm - 3:55pm	Irene Alonso-Aparicio	4	15/15
		313 Pupin Laboratories			
SPAN 1202	012/72381	M W F 4:10pm - 5:25pm	Irene Alonso-Aparicio	4	11/15
		313 Pupin Laboratories			
SPAN 1202	013/10302	T Th F 8:40am - 9:55am	Cristina Fernandez-Gutierrez	4	15/15
		313 Pupin Laboratories			
SPAN 1202	014/12809	T Th F 10:10am - 11:25am	Cristina Fernandez-Gutierrez	4	12/15
		545 Grace Dodge Hall (Tc)			
SPAN 1202	015/25274	T Th F 11:40am - 12:55pm	Cristina Fernandez-Gutierrez	4	12/15
		545 Grace Dodge Hall (Tc)			
SPAN 1202	018/04230	M W Th 11:40am - 12:55pm	Maria Arce-Fernandez	4	14/15
		202 Milbank Hall			
SPAN 1202	019/09111	Th 1:10pm - 2:25pm	Maria Arce-Fernandez	4	16/15
		502 Diana Center			
SPAN 1202	019/09111	M W 1:10pm - 2:25pm	Maria Arce-Fernandez	4	16/15
		302 Milbank Hall			
SPAN 1202	020/04596	T Th F 8:40am - 9:55am	Leonor Pons Coll	4	12/15
		302 Milbank Hall			
SPAN 1202	021/06478	T Th F 10:10am - 11:25am	Leonor Pons Coll	4	13/15
		409 Barnard Hall			
SPAN 1202	022/06384	T Th F 11:40am - 12:55pm	Leonor Pons Coll	4	15/15
		324 Milbank Hall			

SPAN W1208 Spanish for Spanish-Speaking Students. 4 points.

Prerequisites: *Heritage knowledge of Spanish*. Students intending to register for this course must take the department's on-line Placement Examination. (<http://www.columbia.edu/cu/spanish/undergraduate/placeexam.html>) You should take this course if your recommended placement on this test is Spanish W1202 (a score of 450-624). If you place below Spanish W1202 you should follow the placement recommendation received with your test results. If you place above Spanish W1202, you should choose between Spanish W3300 and Spanish W4900. If in doubt, please consult the Director of the Language Programs.

Designed for native and non-native Spanish-speaking students who have oral fluency beyond the intermediate level but have had no formal language training.

Fall 2014: SPAN W1208

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1208	001/73245	T Th F 11:40am - 12:55pm	Diana Romero	4	13/15
		325 Pupin Laboratories			

Spring 2015: SPAN W1208

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1208	001/06469	M W Th 11:40am - 12:55pm	Jesus Suarez-Garcia	4	9/15
		327 Milbank Hall			

SPAN W1220 Comprehensive Intermediate Spanish. 4 points.

Prerequisites: A score of 380-624 in the department's Placement Examination, or SPAN W1102, or SPAN W1120. One-term intensive coverage of the contents of SPAN W1201 and SPAN W1202. A student may not receive credit for both SPAN W1220 and the sequence SPAN W1201-SPAN W1202 or SPAN BC1203-SPAN BC1204.

Fall 2014: SPAN W1220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1220	001/73677	T Th F 2:40pm - 3:55pm	Perla Rozencvaig	4	14/15
		412 Pupin Laboratories			
SPAN 1220	002/12003	T Th F 4:10pm - 5:25pm	Perla Rozencvaig	4	14/15
		412 Pupin Laboratories			

Spring 2015: SPAN W1220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 1220	001/27951	F 11:40am - 12:55pm	Perla Rozencvaig	4	15/15
		201 Casa Hispanica			
SPAN 1220	001/27951	T Th 11:40am - 12:55pm	Perla Rozencvaig	4	15/15
		505 Casa Hispanica			
SPAN 1220	002/16156	T Th F 2:40pm - 3:55pm	Perla Rozencvaig	4	14/15
		307 Pupin Laboratories			

SPAN W3300 Advanced Language through Content. 3 points.

Prerequisites: Completion of the language requirement. "L" course; enrollment limited to 15 students. IMPORTANT: This course replaces the former W3200 and BC3004. If you have taken those courses, do not enroll for W3300. Although section topics vary, you may only take 3300 ONCE. Content-based advanced study of selected aspects of grammar and vocabulary, aimed at increasing proficiency in speaking, listening comprehension, and reading comprehension, with a special emphasis on writing. Topic varies according to instructor. Sections and topics taught at the Department of Spanish and Latin American Cultures include: Hispanic Cultures in the Age of Globalization; Translating Cultures - Advanced Spanish for Native Speakers; Cultura - An Online Cross-Cultural Dialogue; Reading and Interpreting Narrative;

Theatre & Society in Contemporary Spain; Short Stories in Latin America; and Immigration and U. S. Educational Policies.

Fall 2014: SPAN W3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/23391	M W 2:40pm - 3:55pm 325 Pupin Laboratories	Francisco Rosales-Varo	3	12/15
SPAN 3300	002/64953	M W 10:10am - 11:25am 206 Casa Hispanica	Daniella Wurst	3	14/15
SPAN 3300	003/15529	T Th 2:40pm - 3:55pm 201 Casa Hispanica	Susanna Alles Torrent	3	12/15
SPAN 3300	004/18845	M W 11:40am - 12:55pm 206 Casa Hispanica	Ibai Atutxa	3	14/15
SPAN 3300	006/08102	M W 1:10pm - 2:25pm 501 Milbank Hall	Javier Perez Zapatero	3	7/15
SPAN 3300	007/01208	T Th 11:40am - 12:55pm 325 Milbank Hall	Maria Lozano	3	14/15

Spring 2015: SPAN W3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3300	001/13137	T Th 1:10pm - 2:25pm 425 Pupin Laboratories	Reyes Llopis-Garcia	3	14/15
SPAN 3300	002/15090	T Th 2:40pm - 3:55pm 609 Hamilton Hall	Angelina Craig-Florez	3	12/15
SPAN 3300	003/67113	T Th 4:10pm - 5:25pm 224 Pupin Laboratories	Perla Rozencvaig	3	12/15
SPAN 3300	004/72851	M W 11:40am - 12:55pm 313 Pupin Laboratories	Ibai Atutxa	3	7/15
SPAN 3300	005/18784	M W 4:10pm - 5:25pm 313 Hamilton Hall	Sarah Goldberg	3	11/15
SPAN 3300	006/69394	T Th 10:10am - 11:25am 307 Union Theological Seminary	Daniella Wurst	3	8/15
SPAN 3300	008/04348	M W 2:40pm - 3:55pm 225 Milbank Hall	Maria Arce-Fernandez	3	10/15
SPAN 3300	009/01614	T Th 1:10pm - 2:25pm 501 Milbank Hall	Javier Perez Zapatero	3	7/15
SPAN 3300	010/08013	M W 10:10am - 11:25am 307 Milbank Hall	Jesus Suarez-Garcia	3	10/15

SPAN W3330 Introduction to the Study of Hispanic Cultures. 3 points.

Prerequisites: Spanish 3300

The course studies cultural production in the Hispanic world with a view to making students aware of its historical and constructed nature. It explores concepts such as language, history, and nation; culture (national, popular, mass, and high); the social role of literature; the work of cultural institutions; globalization and migration; and the discipline of

cultural studies. The course is divided into units that address these subjects in turn, and through which students will also acquire the fundamental vocabulary for the analysis of cultural objects. The course also stresses the acquisition of rhetorical skills with which to write effectively in Spanish about the topics discussed. *This course is required for the major and the concentration in Hispanic Studies.*

Fall 2014: SPAN W3330

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3330	001/29535	T Th 11:40am - 12:55pm 206 Casa Hispanica	Mariana Velazquez	3	24/15
SPAN 3330	006/05437	M W 2:40pm - 3:55pm 302 Milbank Hall	Alma Mora	3	10/15

SPAN W3349 Hispanic Cultures I: Islamic Spain through the Colonial Period. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: Literature (LIT).

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 2014: SPAN W3349

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/71643	T Th 10:10am - 11:25am 206 Casa Hispanica	Miguel Ibanez Aristondo	3	13/15
SPAN 3349	002/16705	M W 10:10am - 11:25am 201 Casa Hispanica	Patricia Grieve	3	14/15
SPAN 3349	003/09556	T Th 1:10pm - 2:25pm 206 Casa Hispanica	Rachel Stein	3	10/15

Spring 2015: SPAN W3349

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3349	001/67116	M W 8:40am - 9:55am 201 Casa Hispanica	Miguel Ibanez Aristondo	3	12/15
SPAN 3349	002/67986	T Th 11:40am - 12:55pm 206 Casa Hispanica	Mariana Velazquez	3	12/15
SPAN 3349	004/04298	T Th 4:10pm - 5:25pm 225 Milbank Hall	Orlando Bentancor	3	13/15

SPAN W3350 Hispanic Cultures II: Enlightenment to the Present. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

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-siècle 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 2014: SPAN W3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/70076	T Th 1:10pm - 2:25pm 201 Casa Hispanica	Gustavo Perez-Firmat	3	12/15
SPAN 3350	002/23146	M W 11:40am - 12:55pm 316 Hamilton Hall	Adrian Espinoza Staines	3	15/15

Spring 2015: SPAN W3350

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3350	001/64719	M W 11:40am - 12:55pm 201 Casa Hispanica	Adrian Espinoza Staines	3	16/15
SPAN 3350	003/74227	T Th 10:10am - 11:25am 201 Casa Hispanica	Anne Freeland	3	14/15
SPAN 3350	004/01239	T Th 10:10am - 11:25am 327 Milbank Hall	Ronald Briggs	3	14/15

SPAN W3408 Latin American and Latino Art Archives: Theory, Practice, Display. 4 points.

4 pts. This undergraduate seminar is a practicum for developing interdisciplinary approaches to the use, interpretation, and exhibition of art archives, with special emphasis on the way in which archival materials and artistic documentation have been instrumental in the articulation and critique of the idea of Latin American and Latino art of the 20th and 21st centuries. The course explores three different areas: 1) archival theories (the Latino/Latin American art archive as an object of study); 2) documentary centers in and beyond the museum (the collection, organization, and digitization of art archives for researching purposes); 3) and the use of artist's papers within the exhibition (the 'artistification' of documents, and the 'archival turn' of curatorial discourses). During the course, students will analyze how archives constitute institutional and epistemic

authority, how museums discriminate between artworks and art documentation, as well as how we can narrate counter-histories from and against the archive. Students will be exposed to archival materials put into storage in diverse local museums and documentary centers. An important component of this course will be the direct contact with Latino and Latin American repositories in New York. In order to achieve this aim, a series of visits to the most important local archives and museums will be scheduled, such as the Latino Art and Activism Collection (Center for the Study of Ethnicity and Race at Columbia), the Museo del Barrio, the Archives of Latino and Latin American Art at MoMA, the Bronx Museum of the Art, and the Americas Society. Finally, this course will pay special attention to the 'digital' turn of humanities, that is, to the democratization of knowledge production technologies and the configuration of new databases and online open source repositories. Thus, Latino and Latin American art archives will be described in this course not only as bridges between museums, libraries, and universities, but also as crossroads between North and South America.

Fall 2014: SPAN W3408

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3408	001/91997	T Th 2:40pm - 3:55pm 206 Casa Hispanica	Joaquin Barriendos	4	7

SPAN W3409 A Reader of Early Modern Spain. 4 points.

It is impossible to separate literature from its material, social, and political conditions of production and consumption. But if the fields of literary criticism and cultural history are interwoven, how should we read and define literature? To what extent are poems or novels objects as well as texts? In addition to authors, how do readers, editors, and publishers shape a text's meaning? Focusing on early modern Spain, this class is an introduction to the study of manuscripts and early printed books. Like many specialists in the history of reading and material culture, we will use Cervantes's *Don Quixote* as a foundation, but we will also study poetry, letters, biblical commentary, and treatises on printing from the early modern period. Each of our texts will describe or thematize the acts of writing, printing, and reading. Throughout the semester we will thus toggle between "close readings" of these texts' themes, vocabulary, and imagery, on the one hand, and their histories of edition, publication, circulation, and preservation, on the other hand. In this way, we will consider what it means to be a reader of and in early modern Spain. In order to contemplate these material concerns first hand, we will visit New York area archives and museums, and each student will undertake a semester long research project using primary sources. Drawing in part on works by early modern pedagogues like Juan Luis Vives and Francisco Sánchez de las Brozas, we will discuss strategies for research, writing, and revision. We will also study works by Benito Arias Montano, Luís de Camões, Antonio de Guevara, Fernando de Herrera, Cristóbal Suárez de Figueroa, Teresa de Ávila, and Garcilaso

de la Vega, as well as scholarly essays or book chapters by Roland Barthes, Roger Chartier, Hipólito Escolar, Michel Foucault, D. F. McKenzie, and others.

Fall 2014: SPAN W3409

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3409	001/90944	M W 11:40am - 12:55pm 201 Casa Hispanica	Seth Kimmel	4	5

SPAN W3450 Short Fiction in Latin America. 4 points.

In this course we will discuss the theory and practice of short fiction by the leading exponents of the genre in Spanish America. Authors to be discussed may include: Horacio Quiroga, Jorge Luis Borges, Julio Cortázar, Juan Rulfo, José Donoso, Rosario Castellanos, Augusto Monterroso, Rosario Ferré, Gabriel García Márquez, Angélica Gorodischer, Roberto Bolaño, and Andrea Maturana.

Fall 2014: SPAN W3450

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3450	001/77846	T Th 11:40am - 12:55pm 201 Casa Hispanica	Gustavo Perez-Firmat	4	19/15

SPAN W3462 Spanish Grammar: From Rules to Laws and Beyond. 3 points.

From a cognitive and operational point of view, this course aims to reflect on the theoretical and, mainly, *practical* limits of traditional grammar explanations, contributing with a new meaningful, experiential and representational understanding of Spanish as a human mean of communication. Within this framework, some of the most representative aspects of the grammar of Spanish will be studied from a fully practical perspective, favoring the comparison with the grammar of English. In each case, the reflection will lead to turn the traditional rules and their exceptions, into operational *laws* without exceptions, as well as to highlight the *natural logic* underlying every single grammar decision in the use of language.

Fall 2014: SPAN W3462

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3462	001/29382	M W 4:10pm - 5:25pm 325 Pupin Laboratories	Francisco Rosales-Varo	3	15/15

SPAN W3499 Configurations of Time in Contemporary American Art and Fiction. 4 points.

Prerequisites: SPAN W3349 or SPAN W3350.
Pragmatics is a most helpful criterion in the interpretation of many different types of texts. As a new 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. The main objective of this new course is twofold: 1. To provide the student with criteria for analyzing oral discourse beyond Syntax and Semantics. The Pragmatic approach proposed here interprets communication not through forms but through context and cognitive conditions; 2. To improve not only the student's linguistic and communicative competence in Spanish but also their pragmatic skills while giving them ample opportunities to use the language.

Fall 2014: SPAN W3499

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3499	001/17148	M W 10:10am - 11:25am 505 Casa Hispanica	Graciela Speranza	4	6

SPAN W3692 Labor Culture in Twentieth-Century Latin America. 4 points.

Industrial modernization often went hand-in-hand with the constitution of a new kind of national-popular culture during the twentieth century in Latin America. For many such projects, becoming a political subject meant being a worker. This course will interrogate the ways in which labor and culture informed and produced one another, from the Mexican muralists' use of industrial materials and techniques in the 1920s in the constitution of a their spectators to the creation of the "credit card citizen; of consumption in the late 1990s. Class discussions and writing assignments will analyze novels, essays, short stories, chronicles, films and works of visual art in order to pose and answer some of the following questions: How is work imagined and represented at different historical moments and what ideological role might such representations play? How do artists and writers think about the nature, organization and political import of their work in relation to other kinds of intellectual and manual labor? In what ways and in what contexts do labor and labor movements become the protagonists of radical political change? Alternatively, to what extent do the tactics of political revolution imply a laborious exercise of their own? How do such artists, writers and thinkers conceive of work before and after capitalism? Authors to be studied may include Diego Rivera, Alfaro Siqueiros, Jorge Luis Borges, Eduardo Coutinho, José Carlos Mariátegui and Ernesto Guevara, among others.

Fall 2014: SPAN W3692

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3692	001/29570	M W 2:40pm - 3:55pm 206 Casa Hispanica	Karen Benezra	4	8

SPAN W3695 Made in Latin America: Consumer Culture and Contemporary Narratives. 4 points.

The course focuses on consumer culture in contemporary Latin America throughout literature, essays, visual texts, films

and new cultural experiences as “poor tourism” and food. The course discusses the problem of peripheral countries in the globalized economy and how culture offers a place of reflection and interchange of new experience. In the frame of the new consumer culture studies, we will study works and practices where consumerism is a political issue. Students will be introduced to theoretical writing on consumerism in different contexts (Argentina, Brazil, México, Perú). This course will provide students with an accurate understanding of some of the topics of contemporary Latin American culture related to the market, aesthetics and politics including topics as elite culture vs. popular culture, practices of resistance, representation of the violence, cities as spectacles and new phenomena as “poor tourism” and landfill art. The class will be conducted in Spanish and all written assignments will also be in that language.

Fall 2014: SPAN W3695

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3695	001/13280	T Th 10:10am - 11:25am 505 Casa Hispanica	Graciela Montaldo	4	11
SPAN 3695	002/97848	T Th 10:10am - 11:25am 505 Casa Hispanica	Graciela Montaldo	4	0

SPAN W3698 Introduction to Undergraduate Research. 4 points.

The "Introduction to Undergraduate Research" will ensure that majors, concentrators, and other students in advance courses in the Department of Latin American and Iberian Cultures (LAIC) master the skills, techniques, and practices they will need to undertake research in Latin American and Iberian Cultures and to pursue further lines of inquiry within the humanities. Throughout this course, students will hone their academic writing skills in Spanish, Portuguese, and/or Catalan while they develop the necessary methodology to identify and approach primary sources, understand the manual and digital systems of analysis of those sources, and conduct bibliographical research toward advance scholarship. Over the course of the semester, students will propose, research, plan and write an article-length research paper on the topic of their choice, which they will have the opportunity to submit to the *LAIC Journal of Undergraduate Research*. The seminar will familiarize students with the resources and tools that will help them to pursue such a project, including Columbia's library and archival collections, other institutional libraries accessible digitally, annotation and citation apps, and word-processing programs that are ideal for large-scale writing projects. As such, the course will be largely methodological, designed to provide hands-on knowledge to students that will both orient them within the field of Latin American and Iberian Cultures and arm them with research and project-planning skills that are applicable beyond the discipline.

Spring 2015: SPAN W3698

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SPAN 3698	001/11345	M W 1:10pm - 2:25pm 222 Pupin Laboratories	Susanna Alles Torrent	4	4

PORTUGUESE

PORT W1101 Elementary Portuguese, I and II. 4 points.

This is a beginning course designed for students who start their study in Portuguese and, in most cases, have no proficiency in another Romance Language. The four language skills: listening, speaking, reading, and writing are explored at the basic level

Fall 2014: PORT W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/65133	M W F 2:40pm - 3:55pm 307 Pupin Laboratories	Ana Huback	4	15/15
PORT 1101	002/75857	T Th F 10:10am - 11:25am 307 Pupin Laboratories	Joao Nemi Neto	4	7/15
PORT 1101	003/64729	T Th F 4:10pm - 5:25pm 255 International Affairs Bldg	Joao Nemi Neto	4	6/15

Spring 2015: PORT W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1101	001/72595	M W F 1:10pm - 2:25pm 325 Pupin Laboratories	Ana Huback	4	12/15

PORT W1201 Intermediate Portuguese, I and II W1201: 4pts. W1202: 3 Pts.. 4 points.

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 2014: PORT W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1201	001/71702	T Th F 2:40pm - 3:55pm 255 International Affairs Bldg	Joao Nemi Neto	4	5/20

PORT W1220 Comprehensive Intermediate Portuguese. 4 points.

Prerequisites: PORT W1102 or PORT W1320.

This course discusses contemporary issues based on articles from Lusophone newspapers and magazines. Students will review grammar, expand their vocabulary and improve oral expression, writing, and reading skills. They are also exposed to audiovisual material that will deepen their understanding of Lusophone societies and culture.

Fall 2014: PORT W1220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1220	001/75547	M W F 1:10pm - 2:25pm 307 Pupin Laboratories	Ana Huback	4	15/15

Spring 2015: PORT W1220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1220	001/73589	M W F 4:10pm - 5:25pm 406 Hamilton Hall	Ana Huback	4	12/15

PORT W1320 Comprehensive Elementary Portuguese I and II for Spanish Speakers. 4 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 2014: PORT W1320

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/77230	T Th 9:00am - 10:50am 316 Hamilton Hall	Jose Castellanos-Pazos	4	9/15
PORT 1320	002/27188	T Th 12:10pm - 2:00pm 318 Hamilton Hall	Jose Castellanos-Pazos	4	12/15
PORT 1320	003/71023	M W 9:00am - 10:50am 316 Hamilton Hall	Jose Castellanos-Pazos	4	8/15

Spring 2015: PORT W1320

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 1320	001/67285	M W 9:00am - 10:50am 505 Casa Hispanica	Jose Castellanos-Pazos	4	11/15
PORT 1320	002/65815	T Th 9:00am - 10:50am 505 Casa Hispanica	Jose Castellanos-Pazos	4	7/15

PORT W3101 Conversation about the Lusophone World. 3 points.

Prerequisites: Portuguese 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.

Fall 2014: PORT W3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3101	001/21533	T Th 10:10am - 11:25am 313 Pupin Laboratories	Daniel Da Silva	3	6/15

PORT W3300 Advanced Language through Content. 3 points.

Corequisites: Port W1220

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. Each section is based on the exploration of an ample theme that serves as the organizing principle for the work done in class. This will serve as the topical context to review advanced points of Portuguese grammar and structure through written and oral practice, and to introduce the basic principles of academic composition in Portuguese, particularly those pertaining to narration and description. This course is required for the concentration in Portuguese Studies. "Brasil: Favela e carnaval" intends to offer an exploration of issues related to poverty, race and violence through cultural phenomena manifested in fiction, music, film and media in today's Brazilian society. *This course is required for the concentration in Portuguese Studies.*

Fall 2014: PORT W3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3300	001/25522	M W 10:10am - 11:25am 325 Pupin Laboratories	Deneb Kozikoski Valereto	3	12/15

Spring 2015: PORT W3300

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PORT 3300	001/16314	M W 10:10am - 11:25am 313 Pupin Laboratories	Daniella Diniz da Silva	3	6/15

CATALAN**CATL W1120 Comprehensive Beginning Catalan. 4 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 2014: CATL W1120

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/13159	T Th 4:10pm - 6:00pm	Elsa Ubeda	4	10/15

253 International Affairs
Bldg

Spring 2015: CATL W1120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1120	001/24469	T Th 4:10pm - 6:00pm 254 International Affairs Bldg	Elsa Ubeda	4	8/15

CATL W1201 Intermediate Catalan I. 4 points.

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 2014: CATL W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1201	001/76749	T Th 12:10pm - 2:00pm 302 Casa Hispanica	Elsa Ubeda	4	2/15

Spring 2015: CATL W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 1201	001/71770	T Th 12:10pm - 2:00pm 34 Union Theological Seminary	Elsa Ubeda	4	3/15

CATL W3330 Introduction to Catalan Culture. 3 points.

This is a content course covering topics regarding Catalan history, society, literature and visual arts. The objective of the course is to examine the main socio-cultural manifestations in the Catalan-speaking territories. Topics to be discussed include: bilingualism and language as the marker of "authentic" national identity; the influx of immigration and the constant redefinition of all things Catalan; the very locally rooted and at the same time very international outlook of the Catalan avant-garde from Foix to Tàpies; the protest song and the cultural manifestations during the Franco repression, and the crucial role of the city of Barcelona as a cultural focus and its impact on literature, film, and arts. By the end of the semester students will be familiar with the main social and cultural issues of the Catalan-speaking territories. The course will be taught in Spanish and counts as an elective towards the major in Hispanic Cultures.

Fall 2014: CATL W3330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CATL 3330	001/70964	T Th 10:10am - 11:25am 412 Pupin Laboratories	Elsa Ubeda	3	10/15

OF RELATED INTEREST

Art History and Archaeology

AHIS G4085 Andean Art and Architecture

American Studies

AMST W3920 American Studies Senior Project Colloquium

AMST W3931

Anthropology

ANTH V3983 Ideas and Society in the Caribbean

Center for the Study of Ethnicity and Race

CSER W1600 Latino/a History

CSER W1601 Introduction to Latino/a Studies

Institute for Comparative Literature and Society

CPLS V3900 Introduction to Comparative Literature and Society

Political Science

POLS W3245 Race and Ethnicity In American Politics

POLS W3260 The Latino Political Experience

POLS V3313 American Urban Politics

POLS W4461 Latin American Politics

Sociology

SOCI V3247 The Immigrant Experience, Old and New

LINGUISTICS

Program Director: Prof. Alan Timberlake, 708 Hamilton; 212-854-3941; at2205@columbia.edu

Language is central to all human mental activity and communication. Linguistics investigates language in three ways: as a self-contained system of elements and rules of combination (sounds, words, grammar, syntax); as a component of culture and society; and as a cognitive and neurological operation of individuals.

Courses in linguistics acquaint students with the theoretical ideas, conceptual apparatus, and research techniques of the scientific study of language. Linguistics provides an intellectual context for students who enjoy learning languages and who are fascinated by the diversity of language; linguistics then intersects with a range of academic disciplines whose subject matter, in one way or another, involves language. For this reason, linguistics is valuable for students whose primary field of study is philosophy, anthropology, music, sociology, political science, psychology, computer science, or a national literature.

The small undergraduate program in Linguistics at Columbia focuses on language usage and language diversity. Students in Linguistics at Columbia have done original research in a range of topics: internet discourse (e.g. hashtag, Tumblr), grammar of Wakhi, code-switching (e.g. trilingual, KiSwahili text-messaging, Egyptian Arabic blogs), language attitudes, prototype theory and Latino identity, evidentiality in Quechua, and more.

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 to 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).

THE COLUMBIA LINGUISTICS SOCIETY

The Columbia Linguistics Society is an organization of undergraduates interested in linguistics which sponsors lectures and hosts informal social events. Information is available at <http://columbialinguistics.wordpress.com/> or through Facebook.

FACULTY

AFFILIATED FACULTY

- May Ahmar (Arabic; MESAAS)
- Akeel Bilgrami (Philosophy)
- Aaron Fox (Music)
- Haim Gaifman (Philosophy)
- Boris Gasparov (Slavic)
- Tiina Haapakoski (Finnish, Germanic Languages)
- Julia Hirschberg (Computer Science)
- Ana Paula Huback (Latin American and Iberian Studies)
- Rina Kreitman (Hebrew; MESAAS)
- Karen Lewis (Philosophy, Barnard)
- Lening Liu (Chinese; East Asian Languages and 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)
- Owen Rambow (Center for Computational Learning Systems)
- 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)
- Alan Timberlake (Slavic)
- Zhirong Wang (Chinese; East Asian Languages and Cultures)

REQUIREMENTS

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. Students must take 18 points in the linguistics program as follows:

The special concentration in linguistics is not sufficient for graduation in and of itself. It must be taken in conjunction with a major in another discipline. Students must take 18 points in the linguistics program as follows:

1. Three core courses in linguistics chosen from:

LING W3101	Introduction to Linguistics
ANTH V3906	Functional Linguistics and Language Typology
LING W4120	Language Documentation and Field Methods
LING W4108	Language History
LING W4190	Discourse and Pragmatics
LING W4202	Cognitive Linguistics
LING W4376	Phonetics and Phonology
LING W4800	Language and Society
LING W4903	Syntax
LING G4206	Advanced Grammar and Grammars
AMST W3931	(Section 1)
ENGL W4901	History of the English Language
HNGR W3343	Hungarian Descriptive Grammar

2. Two additional courses in either linguistics or in related fields chosen in consultation with the program director, in fields such as:

The history or structure of individual languages

Chinese, Spanish, French, Russian, etc.

Philosophy

PHIL V3411 Symbolic Logic

PHIL V3685 Philosophy of Language

PHIL G4490 Language and Mind

Anthropology

ANTH V3044 Symbolic Anthropology

ANTH W4042 Agent, Person, Subject, Self

ANTH G6125 Language, Culture and Power

Psychology

PSYC W2440 Language and the Brain

PSYC W2450 Behavioral Neuroscience

PSYC W3265 Auditory Perception (Seminar)

PSYC BC3164 Perception and Language

PSYC BC3369 Language Development

PSYC W2215 Cognition and the Brain

Computer Science

COMS W3261 Computer Science Theory

COMS W4705 Natural Language Processing

COMS W4706 Spoken Language Processing

COMS E6998 Topics in Computer Science

Sociology

SOCI G4030 Sociology of Language

Music

MUSI W4405 Music and Language

MSPS G4233 Language and Music (Seminar)

French

FREN BC3011 History of the French Language

3. One language course at the intermediate level (third-semester), separate from the general language requirement.

Students interested in a major in linguistics should consult with the director of undergraduate studies, Alan Timberlake (at2205@columbia.edu).

IN FULFILLMENT OF THE LANGUAGE REQUIREMENT FOR LINGUISTICS

The language taken in fulfillment of the linguistics requirement can be either an ancient or modern language but should neither be the student's native (or semi-native) language, nor belong to one of the major groups of modern European languages (Germanic, Romance). In addition to those regularly taught courses listed under the *Foreign*

Language Requirement, the following is a list of languages that have been offered at Columbia. See the list of languages offered through the Language Resource Center and consult with the program director about other languages to determine if they are acceptable for the linguistics language requirement.

- Ancient Egyptian
- Anglo-Saxon
- Aramaic
- Bosnian/Croatian/Serbian
- Cantonese
- Chagatay
- Czech
- Finnish
- Georgian
- Indonesian
- Irish
- Kannada
- Kazakh
- Nahuatl
- Nepali
- Old Church Slavonic
- Quechua
- Polish
- Pulaar
- Romanian
- Sumerian
- Swahili
- Syriac
- Tajik
- Tamil
- Telugu
- Ukrainian
- Uzbek
- Wolof
- Zulu

COURSES

LINGUISTICS

LING W3101 Introduction to Linguistics. 3 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 2014: LING W3101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3101	001/19092	T Th 2:40pm - 3:55pm 717 Hamilton Hall	Alan Timberlake	3	39

LING W3997 Supervised Individual Research. 2-4 points.

Fall 2014: LING W3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3997	001/87099		Alan Timberlake, John McWhorter	2-4	11

LING W3998 Supervised Individual Research. 2-4 points.

Spring 2015: LING W3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 3998	001/87498		Alan Timberlake, John McWhorter	2-4	10

LING W4108 Language History. 3 points.

Prerequisites: *LING W3101*.

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.

Spring 2015: LING W4108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
LING 4108	001/63300	T Th 2:40pm - 3:55pm 703 Hamilton Hall	Alan Timberlake	3	26

LING W4120 Language Documentation and Field Methods. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *LING W3101*.

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. This course is scheduled in F13 for MW 4:10pm-5:25pm; additional hours may be arranged during the course of the semester.

LING W4170 Language & Symbol: Semiotics of Speech, Literature, & Culture. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: students taking the course must have taken either *Introduction to Linguistics* or a course on linguistic semantics, literary theory, or linguistic anthropology. Reading and discussion of scholarly literature on various aspects of the meaning, structure, and functioning of signs in language, art, and society. All reading for the course is drawn from original scholarly literature, some of it of a specialized nature. At some points (for instance, while discussing dimensions of the linguistic signs, or parameters of structural poetics), theoretical reading will be supplemented by brief practical assignments.

LING W4190 Discourse and Pragmatics. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *LING W3101*.

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.

LING W4202 Cognitive Linguistics. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *LING W3101*, 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 W4376 Phonetics and Phonology. 3 points.

Prerequisites: *LING W3101*.

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).

Fall 2014: LING W4376

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
LING 4376	001/63397	M W 4:10pm - 5:25pm 707 Hamilton Hall	Daniel Kaufman	3	26

LING W4444 In Search of Language: From Rousseau to Derrida. 3 points.

Not Offered During 2014-15 Academic Year.

The course addresses fundamental ideas concerning the nature of linguistic meaning and communication as they evolved in modern times, from the Enlightenment to the contemporary critique of the modernist linguistic paradigm. Beginning

with the polemic between Herder and Rousseau, the course then proceeds to Romantic philosophy of language (in particular, the role of Romantic philosophy in the emergence of historical linguistics and linguistic typology); Saussure, his structuralist interpreters and his critics; generative grammar as a philosophical concept; the notion of linguistic performativity and its philosophical implications; Bakhtin's heteroglossia; and the impact of the post-structuralist semiotic revolution (Barthes, Derrida) on the study of language.

LING W4800 Language and Society. 3 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.

Fall 2014: LING W4800

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
LING 4800	001/66847	M W 2:40pm - 3:55pm 703 Hamilton Hall	John McWhorter	3	54

LING W4903 Syntax. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *LING W3101*.

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).

LING G4206 Advanced Grammar and Grammars. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: *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.

OF RELATED INTEREST

Anthropology (Barnard)

ANTH V1009 Intro to Language and Culture

ANTH V3044 Symbolic Anthropology

Anthropology

ANTH V1009 Intro to Language and Culture

ANTH V3906 Functional Linguistics and Language Typology

ANTH V3947 Text, Magic, Performance

ANTH W4042 Agent, Person, Subject, Self

Computer Science

COMS Computer Science Theory
W3261

COMS Natural Language Processing
W4705

East Asian Languages and Cultures

CHNS Introduction To Classical Chinese
W3301 and Introduction To Classical Chinese
- CHNS
W3302

CHNS History of Chinese Language
W4019

French (Barnard)

FREN History of the French Language
BC3011

Hungarian

HNGR Hungarian Descriptive Grammar
W3343

Philosophy

PHIL V3252 Philosophy of Language and Mind

PHIL V3411 Symbolic Logic
- PHIL G4415 and Symbolic Logic

Psychology (Barnard)

PSYC BC3164 Perception and Language

PSYC BC3369 Language Development

Slavic Languages

SLLN G4005 Introduction to Old Church Slavonic

Spanish and Latin American Cultures (Barnard)

SPAN Languages in Contact: Sociolinguistic
BC3382 Aspects of U. S. Spanish

Latin American and Iberian Cultures

SPAN W3563 Spanish Pragmatics: What Do We Do
 When We Speak Spanish?

MATHEMATICS

Departmental Office: 410 Mathematics; 212-854-2432
<http://www.math.columbia.edu/>

Director of Undergraduate Studies: Prof. Panagiotas Daskalopoulos, 526 Mathematics; 212-854-4756;
 pdaskalo@math.columbia.edu

Departmental Adviser: Prof. Mu-Tao Wang, 514 Mathematics; 212-854-3052; mtwang@math.columbia.edu

Computer Science-Mathematics Adviser: Prof. Patrick X. Gallagher, 411 Mathematics; 212-854-4346;
 pxg@math.columbia.edu

Economics-Mathematics Advisers:

Mathematics: Prof. Julien Dubedat, 601 Mathematics; 212-854-8806; jd2653@columbia.edu

Economics: Dr. Susan Elmes, 1006 International Affairs Building; 212-854-9124; se5@columbia.edu

Mathematics-Statistics Advisers:

Mathematics: Prof. Julien Dubedat, 601 Mathematics; 212-854-8806; dubedat@math.columbia.edu

Statistics: Prof. Daniel Rabinowitz, 1244 Amsterdam Avenue, Room 1014; 212-851-2141; dan@stat.columbia.edu

Calculus Director: Prof. Robert Lipshitz, 625 Mathematics; 212-854-2658 lipshitz@math.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 *Honors Mathematics A* and *B* normally take *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 of a level 2000 or higher 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 V3411 Symbolic Logic, in the Philosophy Department, or COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory, in the Computer Science Department.

Another requirement for majors is participation in an undergraduate seminar, usually in the junior or 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 two alternative sequences:

MATH	Calculus I
V1101	and Calculus II
- MATH	and Calculus III
V1102	and Calculus IV
- MATH	
V1201	
- MATH	
V1202	
MATH	Honors Mathematics A
V1207	and Honors Mathematics B
- MATH	
V1208	

Credit is allowed for only one calculus sequence.

The first sequence, *Calculus I, II, III, IV*, is a standard course in 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 both *Calculus II* and *Calculus III* are prerequisites for *Calculus IV*.

Honors Mathematics A-B is for exceptionally well-qualified students who have strong Advanced Placement scores. It covers multivariable calculus (MATH V1201 Calculus III-MATH V1202 Calculus IV) and linear algebra (MATH V2010 Linear Algebra), with an emphasis on theory.

MATH W1003 College Algebra and Analytic Geometry does not count toward the degree. Students who take this course do not receive college credit.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 4 or 5 on the AP Calculus AB exam provided students complete MATH V1102 Calculus II or MATH V1201 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 V1102 Calculus II or MATH V1201 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 V1201 Calculus III or MATH V1207 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 *Calculus I*.

Calculus II and III

Students with a score of 4 or 5 on the AB exam or 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 *Calculus II* or *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 *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.

Honors Mathematics A

Students who want a proof-oriented theoretical sequence and have a score of 5 on the BC exam may begin with *Honors 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 the class 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.

DEPARTMENTAL HONORS

In order to be eligible for departmental honors, majors must write a senior thesis. Normally no more than 10% of the graduating majors each year may receive departmental honors.

FACULTY PROFESSORS

- David A. Bayer (Barnard)
- Panagiota Daskalopoulos
- Aise Johan de Jong
- Robert Friedman
- Patrick X. Gallagher
- Dorian Goldfeld
- Brian Greene
- Richard Hamilton
- Michael Harris
- Troels Jørgensen
- Ioannis Karatzas
- Mikhail Khovanov
- Igor Krichever
- Chiu-Chu Liu
- Dusa McDuff (Barnard)
- Daveshe Maulik
- Walter Neumann (Barnard)
- Andrei Okounkov
- D. H. Phong
- Henry Pinkham (Chair)
- Ovidiu Savin
- Eric Urban
- Mu-Tao Wang

ASSOCIATE PROFESSORS

- Mohammed Abouzaid
- Ivan Corwin
- Julien Dubedat
- Robert Lipshitz
- Michael Thaddeus
- Wei Zhang

ASSISTANT PROFESSORS

- Daniela De Silva (Barnard)
- Rachel Ollivier

J. F. RITT ASSISTANT PROFESSORS

- Salim Altug
- Hector Chang

- Po-Ning Chen
- Qile Chen
- Anand Deopurkar
- Gabriele Di Cerbo
- Luis Diogo
- Alexander Drewitz
- Sachin Gautam
- Evgeny Gorskiy
- David Hansen
- Jennifer Hom
- BoGwang Jeon
- Paul Siegel
- Xin Wan
- Michael Woodbury
- Anton Zeitlin
- Xiangwen Zhang

SENIOR LECTURERS IN DISCIPLINE

- Lars Nielsen
- Mikhail Smirnov
- Peter Woit

ON LEAVE

- Profs. Po-Ning Chen, Corwin, Friedman, Harris, Jørgensen, Karatzas, Krichever, Ollivier, Wang (2014-2015)
- Profs. Friedman, Harris (*Fall 2014*)
- Profs. Corwin, Po-Ning Chen (Spring 2015)

REQUIREMENTS MAJOR IN MATHEMATICS

The major requires 42 points as follows:

12 points in Calculus or Honors Mathematics A-B, including Advanced Placement credit.

18 points in mathematics courses numbered 2000 and above, including the following courses:

MATH V2010	Linear Algebra (if Honors Mathematics A-B is not taken)
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MATH W4041 - MATH W4042	Introduction to Modern Algebra and Introduction to Modern Algebra
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MATH W4061 - MATH W4062	Introduction To Modern Analysis and Introduction To Modern Analysis *
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MATH V3951 - MATH V3952	Undergraduate Seminars in Mathematics and Undergraduate Seminars in Mathematics (at least one term)
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12 points in any combination of mathematics and cognate courses. **

* Students who are not contemplating graduate study in mathematics may replace one or both of the two terms of MATH W4061- MATH W4062 Introduction To Modern Analysis by one or two of the following courses: MATH V2500 Analysis and Optimization, MATH V3007 Complex Variables, MATH V3028 Partial Differential Equations, or MATH W4032 Fourier Analysis.

** 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 and is of a level 2000 or higher, or (b) the subject matter in the course is mathematics beyond an elementary level, such as PHIL V3411 Symbolic Logic, in the Philosophy Department, or COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory, in the Computer Science Department. In exceptional cases, the director of undergraduate studies may approve the substitution of certain more advanced courses for those mentioned above.

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.

MAJOR IN APPLIED MATHEMATICS

The major requires 40 points as follows:

12 points in Calculus or Honors Mathematics A-B

MATH V2010	Linear Algebra
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Select one of the following:

MATH W4061	Introduction To Modern Analysis
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MATH V2500	Analysis and Optimization
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MATH W4032	Fourier Analysis
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APMA E4901	Seminar: Problems In Applied Mathematics (junior year)
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APMA E4903 Seminar: Problems in Applied Mathematics (senior year)

18 points in electives, selected from the following (other courses may be used with the approval of the Applied Mathematics Committee):

MATH V2500 Analysis and Optimization

MATH V3007 Complex Variables

or MATH W4065 Honors Complex Variables

or APMA E4204 Functions of a Complex Variable

MATH V3027 Ordinary Differential Equations

MATH V3028 Partial Differential Equations

or APMA E4200 Partial Differential Equations

or APMA E6301 Analytic methods for partial differential equations

MATH W4032 Fourier Analysis

APMA E4300 Introduction to Numerical Methods

APMA E4101 Introduction to Dynamical Systems

APMA E4150 Applied Functional Analysis

APMA E4400 Introduction to Biophysical Modeling

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 a total of at least 46 points: 20 points in computer science, 21 points in mathematics, and two 3 point electives in either computer science or mathematics.

Computer Science

COMS W1007 Honors Introduction to Computer Science

COMS W3137 Honors Data Structures and Algorithms

COMS W3157 Advanced Programming

COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory

COMS W3261 Computer Science Theory

CSEE W3827 Fundamentals of Computer Systems

Mathematics

Select one of the following sequences:

MATH V1101 Calculus I and Calculus II
- MATH V1102 and Calculus III and Calculus IV
- MATH V1201
- MATH V1202

MATH V1207 Honors Mathematics A and Honors Mathematics B
- MATH V1208

MATH V2010 Linear Algebra (unless MATH V1207 and MATH V1208 are taken)

MATH W4041 Introduction to Modern Algebra

MATH V3951 Undergraduate Seminars in Mathematics

or MATH V3952 Undergraduate Seminars in Mathematics

Electives

Select two of the following:

CSOR W4231 Analysis of Algorithms I

COMS W4241 Numerical Algorithms and Complexity

MATH V3020 Number Theory and Cryptography

MATH BC2006 Combinatorics

MATH W4061 Introduction To Modern Analysis

MATH V2500 Analysis and Optimization

MATH V3007 Complex Variables

MATH V3386 Differential Geometry

MATH W4051 Topology

MAJOR IN ECONOMICS-MATHEMATICS

For a description of the joint major in economics-mathematics, see the *Economics* section of this bulletin.

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 Calculus I
V1101 and Calculus II
- MATH and Calculus III
V1102 and Linear Algebra
- MATH and Analysis and Optimization
V1201
- MATH
V2010
- MATH
V2500

MATH Honors Mathematics A
V1207 and Honors Mathematics B
- MATH and Analysis and Optimization (with
V1208 approval from the adviser)
- MATH
V2500

Statistics

Select one of the following:

STAT Introduction to Statistics (with calculus)
W1211
STAT Introduction to Statistical Reasoning
W1001
STAT Introduction to Statistics (without
W1111 calculus)

STAT W3105 Introduction to Probability

STAT W3107 Introduction to Statistical Inference

STAT W3315 Linear Regression Models

Select one of the following:

STAT Elementary Stochastic Processes
W4606

STAT Theory of Interest
W4840

STAT Stochastic Processes for Finance
W4635

STAT Stochastic Methods In Finance
G6505

Computer Science

Select one of the following:

COMS Introduction to Computer Science and
W1004 Programming in Java

COMS Introduction to Computer Science and
W1005 Programming in MATLAB

COMS Honors Introduction to Computer Science
W1007

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 V3027 Ordinary Differential Equations and MATH V3028 Partial Differential Equations.

Students interested in finance are recommended to take MATH W4071 Introduction to the Mathematics of Finance, STAT W4290 Statistical Methods in Finance, and STAT W4437 Time Series Analysis.

Students interested in graduate study in mathematics or in statistics are recommended to take MATH W4061 Introduction To Modern Analysis and MATH W4062 Introduction To Modern Analysis.

Students interested in actuarial sciences should discuss with the Statistics Department adviser how to include courses approved for the Actuarial Societies' Validation by Education Experience requirements, and how to prepare for the societies' exams. Students must obtain approval for their elective selection from both the mathematics and statistics advisers.

Students may replace STAT W3105 Introduction to Probability with STAT W4105 Introduction to Probability, STAT W3107 Introduction to Statistical Inference with STAT W4107 Introduction to Statistical Inference, and STAT W3315 Linear Regression Models with STAT W4315 Linear Regression Models or STAT W4440 Linear Regression and Time Series Methods.

Students may also replace STAT W3105 Introduction to Probability and STAT W3107 Introduction to Statistical Inference with the combined course STAT W4109 Introduction to Probability and Statistics.

CONCENTRATION IN MATHEMATICS

The concentration requires the following:

Mathematics

Select one of the two following multivariable calculus and linear algebra sequences:

MATH Calculus III
V1201 and Calculus IV
- MATH and Linear Algebra
V1202
- MATH
V2010

MATH Honors Mathematics A
V1207 and Honors Mathematics B
- MATH
V1208

Additional Courses

Select at least 12 additional points from any of the courses offered by the department numbered 2000 or higher.

For mathematics courses taken in other departments, consult the director of undergraduate studies.

COURSES

MATH V1101 Calculus I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: see Courses for First-Year Students. Functions, limits, derivatives, introduction to integrals.

The Help Room in 333 Milbank Hall (Barnard College) is open during the day, Monday through Friday, to students seeking individual help from the teaching assistants. (SC)

Fall 2014: MATH V1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1101	001/07384	M W 8:40am - 9:55am 405 Milbank Hall	Dusa McDuff	3	89/100
MATH 1101	002/60133	M W 1:10pm - 2:25pm 207 Mathematics Building	Evgeny Gorskiy	3	83/100
MATH 1101	003/70363	M W 11:40am - 12:55pm 203 Mathematics Building	Evgeny Gorskiy	3	54/100
MATH 1101	004/70760	M W 10:10am - 11:25am 203 Mathematics Building	Paul Siegel	3	82/100
MATH 1101	005/17221	M W 2:40pm - 3:55pm 312 Mathematics Building	David Hansen	3	82/100
MATH 1101	006/10153	M W 4:10pm - 5:25pm 207 Mathematics Building	David Hansen	3	52/100
MATH 1101	007/10486	M W 6:10pm - 7:25pm 417 Mathematics Building	Joao Guerreiro	3	20/30
MATH 1101	008/87746	T Th 8:40am - 9:55am 407 Mathematics Building	Jingyu Zhao	3	23/30

MATH 1101	009/72497	T Th 10:10am - 11:25am 312 Mathematics Building	Luis Diogo	3	87/100
MATH 1101	010/26323	T Th 11:40am - 12:55pm 312 Mathematics Building	Luis Diogo	3	91/100
MATH 1101	011/62024	T Th 1:10pm - 2:25pm 717 Hamilton Hall	Hector Chang	3	25/100
MATH 1101	012/13196	T Th 2:40pm - 3:55pm 203 Mathematics Building	Hector Chang	3	25/100

Spring 2015: MATH V1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1101	001/68749	M W 11:40am - 12:55pm 501 Northwest Corner	Paul Siegel	3	78/100
MATH 1101	002/11074	M W 4:10pm - 5:25pm 407 Mathematics Building	Andrea Heyman	3	21/30
MATH 1101	003/19480	M W 6:10pm - 7:25pm 520 Mathematics Building	Robert Castellano	3	17/30
MATH 1101	004/67873	T Th 8:40am - 9:55am 203 Mathematics Building	Anand Deopurkar	3	68/100
MATH 1101	005/66488	T Th 10:10am - 11:25am 203 Mathematics Building	Anand Deopurkar	3	87/100

MATH V1102 Calculus II. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *MATH V1101* or the equivalent.

Methods of integration, applications of the integral, Taylor's theorem, infinite series. (SC)

Fall 2014: MATH V1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1102	001/06161	M W 10:10am - 11:25am 323 Milbank Hall	Walter Neumann	3	51/70
MATH 1102	002/28626	M W 11:40am - 12:55pm 417 Mathematics Building	Xin Wan	3	18/100
MATH 1102	003/23654	M W 1:10pm - 2:25pm 520 Mathematics Building	Xin Wan	3	17/100
MATH 1102	004/76116	M W 2:40pm - 3:55pm 417 Mathematics Building	Julien Dubedat	3	4/100
MATH 1102	005/62880	M W 6:10pm - 7:25pm 407 Mathematics Building	Daniel Gulotta	3	14/30
MATH 1102	006/65334	T Th 10:10am - 11:25am 203 Mathematics Building	Salim Altug	3	39/100
MATH 1102	007/23456	T Th 11:40am - 12:55pm 203 Mathematics Building	Salim Altug	3	86/100
MATH 1102	008/64039	T Th 6:10pm - 7:25pm 407 Mathematics Building	Chuen Ming Mike Wong	3	7/30

Spring 2015: MATH V1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1102	001/68452	M W 11:40am - 12:55pm 520 Mathematics Building	Xin Wan	3	13/49
MATH 1102	002/23313	M W 1:10pm - 2:25pm 417 Mathematics Building	Robert Friedman	3	26/60

MATH 1102	003/11659	M W 6:10pm - 7:25pm	Daniel Gulotta	3	11/30
		516 Hamilton Hall			
MATH 1102	004/05648	T Th 2:40pm - 3:55pm	Daniela De Silva	3	82/100
		202 Altschul Hall			
MATH 1102	005/17220	T Th 6:10pm - 7:25pm	Elliott Stein	3	37/100
		413 Kent Hall			

MATH V1201 Calculus III. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *MATH V1101* or the equivalent.
Vectors in dimensions 2 and 3, complex numbers and the complex exponential function with applications to differential equations, Cramer's 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 2014: MATH V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1201	001/63798	M W 8:40am - 9:55am	Alexander Drewitz	3	41/100
		203 Mathematics Building			
MATH 1201	002/25903	M W 10:10am - 11:25am	Alexander Drewitz	3	42/64
		417 Mathematics Building			
MATH 1201	003/70498	M W 11:40am - 12:55pm	Qile Chen	3	31/100
		227 Seeley W. Mudd Building			
MATH 1201	004/69419	M W 1:10pm - 2:25pm	Chiu-Chu Liu	3	20/100
		717 Hamilton Hall			
MATH 1201	005/15512	M W 2:40pm - 3:55pm	Ovidiu Savin	3	93/100
		207 Mathematics Building			
MATH 1201	006/60692	M W 4:10pm - 5:25pm	Sachin Gautam	3	79/100
		312 Mathematics Building			
MATH 1201	007/24446	T Th 8:40am - 9:55am	Mohammed Abouzaid	3	15/100
		520 Mathematics Building			
MATH 1201	008/74995	T Th 10:10am - 11:25am	Mohammed Abouzaid	3	24/100
		207 Mathematics Building			
MATH 1201	009/76325	T Th 11:40am - 12:55pm	Jennifer Hom	3	85/100
		207 Mathematics Building			
MATH 1201	010/70306	T Th 1:10pm - 2:25pm	Jennifer Hom	3	86/100
		207 Mathematics Building			
MATH 1201	011/11282	T Th 2:40pm - 3:55pm	Anton Zeitlin	3	105/152
		207 Mathematics Building			
MATH 1201	012/29666	T Th 4:10pm - 5:25pm	Anton Zeitlin	3	74/100
		312 Mathematics Building			

Spring 2015: MATH V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1201	002/23538	M W 1:10pm - 2:25pm	Robert Lipshitz	3	55/100
		207 Mathematics Building			
MATH 1201	003/19467	M W 2:40pm - 3:55pm	Robert Lipshitz	3	65/100
		207 Mathematics Building			
MATH 1201	004/21452	T Th 10:10am - 11:25am	Xiangwen Zhang	3	84/100
		312 Mathematics Building			
MATH 1201	005/65707	T Th 11:40am - 12:55pm	Luis Diogo	3	92/100
		207 Mathematics Building			

MATH 1201	006/10062	T Th 1:10pm - 2:25pm	Eric Urban	3	61/100
		203 Mathematics Building			
MATH 1201	007/67323	T Th 2:40pm - 3:55pm	Wei Zhang	3	97/100
		207 Mathematics Building			

MATH V1202 Calculus IV. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *MATH V1102*, *V1201*, or the equivalent.
Multiple integrals, Taylor's formula in several variables, line and surface integrals, calculus of vector fields, Fourier series. (SC)

Fall 2014: MATH V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1202	001/28964	M W 8:40am - 9:55am	Bogwang Jeon	3	32/100
		312 Mathematics Building			
MATH 1202	002/24465	M W 10:10am - 11:25am	Bogwang Jeon	3	33/100
		312 Mathematics Building			
MATH 1202	003/19975	M W 6:10pm - 7:25pm	Mikhail Smirnov	3	68/100
		203 Mathematics Building			

Spring 2015: MATH V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1202	001/22799	M W 10:10am - 11:25am	Bogwang Jeon	3	91/100
		310 Fayerweather			
MATH 1202	002/75863	T Th 8:40am - 9:55am	Ailsa Keating	3	21/100
		312 Mathematics Building			
MATH 1202	003/68967	T Th 11:40am - 12:55pm	Michael Woodbury	3	61/100
		312 Mathematics Building			
MATH 1202	004/72385	T Th 1:10pm - 2:25pm	Michael Woodbury	3	55/100
		312 Mathematics Building			

MATH V1207 Honors Mathematics A. 4 points.

Recitation Section Required

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 2014: MATH V1207

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1207	001/72428	T Th 4:10pm - 5:25pm	Patrick Gallagher	4	56/100
		203 Mathematics Building			

MATH V1208 Honors Mathematics B. 4 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA)., Recitation Section Required

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 2015: MATH V1208

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 1208	001/76395	T Th 4:10pm - 5:25pm 312 Mathematics Building	Patrick Gallagher	4	51/75

MATH V2000 An Introduction to Higher Mathematics. 3 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 2014: MATH V2000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2000	001/26704	T Th 10:10am - 11:25am 520 Mathematics Building	Michael Woodbury	3	21/64

Spring 2015: MATH V2000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2000	001/07922	T Th 10:10am - 11:25am 302 Milbank Hall	Dusa McDuff	3	20/64

MATH V2010 Linear Algebra. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *V1201*, or the equivalent.

Matrices, vector spaces, linear transformations, eigenvalues and eigenvectors, canonical forms, applications. (SC)

Fall 2014: MATH V2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2010	001/07460	T Th 8:40am - 9:55am 405 Milbank Hall	David Bayer	3	38/100
MATH 2010	002/23694	T Th 11:40am - 12:55pm 405 Milbank Hall	David Bayer	3	87/100
MATH 2010	003/15045	T Th 6:10pm - 7:25pm 203 Mathematics Building	Elliott Stein	3	75/100

Spring 2015: MATH V2010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2010	001/64117	M W 10:10am - 11:25am 312 Mathematics Building	Qile Chen	3	59/100
MATH 2010	002/21810	M W 11:40am - 12:55pm 312 Mathematics Building	Qile Chen	3	53/100

MATH 2010	003/23167	T Th 10:10am - 11:25am 207 Mathematics Building	Gabriele Di Cerbo	3	62/100
MATH 2010	004/27691	T Th 11:40am - 12:55pm 520 Mathematics Building	Henry Pinkham	3	16

MATH V2020 Honors Linear Algebra. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Math V1201

A more extensive treatment of the material in Math V2010, with increased emphasis on proof. Not to be taken in addition to Math V2010 or Math V1207-V1208.

Fall 2014: MATH V2020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2020	001/15976	T Th 2:40pm - 3:55pm 407 Mathematics Building	Aise Johan de Jong	3	8/35

MATH V2030 Ordinary Differential Equations. 3 points.

Prerequisites: *MATH V1102-MATH V1201* 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.

Spring 2015: MATH V2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2030	001/81296	M W 8:40am - 9:55am 207 Mathematics Building	Hector Chang	3	36/100
MATH 2030	002/81900	T Th 2:40pm - 3:55pm 203 Mathematics Building	Evgeny Gorskiy	3	93/100

MATH V2500 Analysis and Optimization. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *Math V1102-Math V1201* or the equivalent and *MATH V2010*.

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 2014: MATH V2500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 2500	001/76293	M W 11:40am - 12:55pm 413 Kent Hall	Julien Dubedat	3	19/100
MATH 2500	002/10040	T Th 10:10am - 11:25am 417 Mathematics Building	Henry Pinkham	3	7/100

Spring 2015: MATH V2500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 2500	001/74065	M W 8:40am - 9:55am	Davesh	3	24/100
		203 Mathematics Building	Maulik		
MATH 2500	002/28513	M W 10:10am - 11:25am	Davesh	3	80/100
		203 Mathematics Building	Maulik		

MATH V3007 Complex Variables. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *MATH V1202*. 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)

Spring 2015: MATH V3007

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3007	001/13394	M W 4:10pm - 5:25pm 717 Hamilton Hall	Sachin Gautam	3	49/100

MATH V3020 Number Theory and Cryptography. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: one year of calculus.
Congruences. Primitive roots. Quadratic residues.
Contemporary applications.

Spring 2015: MATH V3020

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3020	001/11326	M W 1:10pm - 2:25pm 312 Mathematics Building	David Hansen	3	55/100

MATH V3025 Making, Breaking Codes. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Calculus I, II, III and Linear Algebra.
A concrete introduction to abstract algebra. Topics in abstract algebra used in cryptography and coding theory.

Fall 2014: MATH V3025

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3025	001/77116	T Th 2:40pm - 3:55pm 312 Mathematics Building	Dorian Goldfeld	3	67/100

MATH V3027 Ordinary Differential Equations. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *MATH V1102-MATH V1201* or the equivalent.
Corequisites: *MATH V2010*.

Equations of order one; systems of linear equations. Second-order equations. Series solutions at regular and singular points. Boundary value problems. Selected applications.

Fall 2014: MATH V3027

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3027	001/63222	T Th 1:10pm - 2:25pm 203 Mathematics Building	Panagiota Daskalopoulos	3	68/100

MATH V3028 Partial Differential Equations. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *MATH V3027* and *MATH V2010* 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 2015: MATH V3028

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3028	001/67817	M W 8:40am - 9:55am 312 Mathematics Building	Ovidiu Savin	3	52/100

MATH V3050 Discrete Time Models in Finance. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *MATH V1102, V1201* (or *V1101, V1102, V1201*), *V2010*. Recommended: *MATH V3027* (or *MATH E1210*) 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 2015: MATH V3050

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3050	001/19821	M W 6:10pm - 7:25pm 417 Mathematics Building	Mikhail Smirnov	3	31/49

MATH V3386 Differential Geometry. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *MATH V1202* 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 2014: MATH V3386

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 001/60545 T Th 11:40am - 12:55pm Richard 3 18/70
3386 520 Mathematics Building Hamilton

MATH V3951 Undergraduate Seminars in Mathematics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: two years of calculus, at least one year of additional mathematics courses, and the permission of the director of undergraduate studies.

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 2014: MATH V3951

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3951	001/06516		Daniela De Silva	3	22

MATH V3952 Undergraduate Seminars in Mathematics. 3 points.

Prerequisites: two years of calculus, at least one year of additional mathematics courses, and the permission of the director of undergraduate studies.

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.

Spring 2015: MATH V3952

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 3952	001/00853		David Bayer	3	35

MATH W4007 Analytic Number Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Math V3007

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, $SL(2, \mathbb{Z})$ 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 2015: MATH W4007

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 001/68973 T Th 2:40pm - 3:55pm Dorian 3 10/35
4007 407 Mathematics Building Goldfeld

MATH W4032 Fourier Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: 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.

Spring 2015: MATH W4032

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4032	001/29005	M W 10:10am - 11:25am 520 Mathematics Building Savin	Ovidiu	3	9/45

MATH W4041 Introduction to Modern Algebra. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

The second term of this course may not be taken without the first. Prerequisite: Math V1102-Math V1202 and MATH V2010, or the equivalent. Groups, homomorphisms, rings, ideals, fields, polynomials, field extensions, Galois theory.

Fall 2014: MATH W4041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4041	001/11852	M W 2:40pm - 3:55pm 203 Mathematics Building Khovanov	Mikhail	3	70/100

Spring 2015: MATH W4041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4041	001/75327	M W 2:40pm - 3:55pm 203 Mathematics Building Friedman	Robert	3	38/100

MATH W4042 Introduction to Modern Algebra. 3 points.

The second term of this course may not be taken without the first. Prerequisite: Math V1102-Math V1202 and MATH V2010, or the equivalent. Groups, homomorphisms, rings, ideals, fields, polynomials, field extensions, Galois theory.

Fall 2014: MATH W4042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4042	001/02354	M W 8:40am - 9:55am L1103 Diana Center	Walter Neumann	3	17/70

Spring 2015: MATH W4042

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MATH 001/19537 M W 2:40pm - 3:55pm Mikhail 3 41/80
4042 312 Mathematics Building Khovanov

MATH W4044 Representations of Finite Groups. 3 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Math V2010 and Math W4041 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.

Spring 2015: MATH W4044

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4044	001/69519	M W 2:40pm - 3:55pm 407 Mathematics Building Harris	Michael	3	5/35

MATH W4051 Topology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *MATH V1202*, *MATH V2010*, and rudiments of group theory (e.g., *MATH W4041*). *MATH V1208* or *W4061* 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 2014: MATH W4051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4051	001/18327	M W 1:10pm - 2:25pm 417 Mathematics Building	Paul Siegel	3	19/100

MATH W4053 Introduction to Algebraic Topology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: MATH V2010, MATH W4041, MATH W4051

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 2015: MATH W4053

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4053	001/14769	T Th 1:10pm - 2:25pm 520 Mathematics Building Hom	Jennifer	3	8/35

MATH W4061 Introduction To Modern Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: The second term of this course may not be taken without the first. Prerequisites: *MATH V1202* or the equivalent and *V2010*.

Real numbers, metric spaces, elements of general topology. Continuous and differential functions. Implicit functions. Integration; change of variables. Function spaces.

Fall 2014: MATH W4061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4061	001/68502	T Th 8:40am - 9:55am 312 Mathematics Building Zhang	Xiangwen	3	74/100

Spring 2015: MATH W4061

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4061	001/07691	T Th 1:10pm - 2:25pm 405 Milbank Hall	Daniela De Silva	3	87/100

MATH W4062 Introduction To Modern Analysis. 3 points.

Prerequisites: The second term of this course may not be taken without the first. Prerequisites: *MATH V1202* or the equivalent and *V2010*.

Real numbers, metric spaces, elements of general topology. Continuous and differential functions. Implicit functions. Integration; change of variables. Function spaces.

Fall 2014: MATH W4062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4062	001/60664	M W 4:10pm - 5:25pm 417 Mathematics Building Gallagher	Patrick	3	27/70

Spring 2015: MATH W4062

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4062	001/28004	T Th 8:40am - 9:55am 207 Mathematics Building Zhang	Xiangwen	3	28/100

MATH W4065 Honors Complex Variables. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: MATH V1207 and Math V1208 or MATH W4061.

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 2014: MATH W4065

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4065	001/69015	T Th 1:10pm - 2:25pm 407 Mathematics Building Urban	Eric Urban	3	6/18

MATH W4071 Introduction to the Mathematics of Finance. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: *MATH V1202*, *V3027*, *STAT W4150*, *SEIOW4150*, or their equivalents.

The mathematics of finance, principally the problem of pricing of derivative securities, developed using only calculus and basic probability. Topics include mathematical models for financial instruments, Brownian motion, normal and lognormal distributions, the Black-Scholes formula, and binomial models.

Fall 2014: MATH W4071

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4071	001/67093	M W 7:40pm - 8:55pm 207 Mathematics Building Smirnov	Mikhail Smirnov	3	128/130

Spring 2015: MATH W4071

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4071	001/12938	M W 7:40pm - 8:55pm 207 Mathematics Building Smirnov	Mikhail Smirnov	3	119/110

MATH W4081 Introduction to Differentiable Manifolds. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *MATH W4051* or *W4061* and *V2010*.

The implicit function theorem. Concept of a differentiable manifold. Tangent space and tangent bundle, vector fields, differentiable forms. Stoke's theorem, tensors. Introduction to Lie groups.

Spring 2015: MATH W4081

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4081	001/02641	M W 1:10pm - 2:25pm 324 Milbank Hall	Walter Neumann	3	11/64

MATH W4155 Probability Theory. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *MATH W4061* or *MATH V3007*.

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 2015: MATH W4155

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4155	001/18822	T Th 8:40am - 9:55am 520 Mathematics Building Nutz	Marcel Nutz	3	12/35

MATH W4391 Quantum Mechanics: An Introduction for Mathematicians and Physicists. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *MATH V1202* or the equivalent and *MATH V2010*.

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 for undergraduates with no previous formal training in quantum theory. The measurement problem and issues of non-locality will be stressed.

Fall 2014: MATH W4391

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4391	001/72903	T Th 4:10pm - 5:25pm 307 Mathematics Building	Peter Woit	3	10/64

MATH W4392 Quantum Mechanics: An Introduction for Mathematicians and Physicists. 3 points.

Prerequisites: *MATH V1202* or the equivalent and *MATH V2010*.

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 for undergraduates with no previous formal training in quantum theory. The measurement problem and issues of non-locality will be stressed.

Spring 2015: MATH W4392

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MATH 4392	001/10910	T Th 4:10pm - 5:25pm 203 Mathematics Building	Peter Woit	3	4/70

Computer Science

COMS W3203	Discrete Mathematics: Introduction to Combinatorics and Graph Theory
COMS W3251	Computational Linear Algebra
COMS W4203	Graph Theory

**Industrial Engineering and Operations
Research**

CSOR E4010	Graph Theory: A Combinatorial View
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MEDIEVAL AND RENAISSANCE STUDIES

Program Director: Prof. Alan Stewart, 617 Philosophy;
212-854-6420; ags2105@columbia.edu

Program Administrator: Dr. Gania Barlow, 616 Philosophy;
212-854-5789; 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
- English and Comparative Literature
- French and Romance Philology
- Germanic Languages
- History
- Italian
- Latin American and Iberian Cultures
- Music
- Philosophy
- Religion

For more information about the special concentration in Medieval and Renaissance Studies, visit: <http://medren.columbia.edu/>.

FACULTY

EXECUTIVE COMMITTEE OF THE INTERDEPARTMENTAL COMMITTEE ON MEDIEVAL AND RENAISSANCE STUDIES

- Alan Stewart (English and Comparative Literature, Chair)
- Christopher Baswell (English and Comparative Literature)
- Susan Boynton (Music)
- Consuelo Dutschke (Rare Book and Manuscript Library)
- Carmela Franklin (Classics)
- Matthew Jones (History)
- Holger Klein (Art History)
- Adam Kosto (History)
- Christia Mercer (Philosophy)
- Jesus Rodriguez-Velasco (Latin American and Iberian Cultures)
- Pamela Smith (History)

REQUIREMENTS 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.

In addition to fulfilling the requirements for a departmental major or concentration, students with this special concentration should plan on taking an additional 12 points of courses in other departments of the program, to be chosen in consultation with an appropriate member of the committee.

In addition to fulfilling the requirements for a departmental major, students should plan on taking an additional 12 points of courses in other departments of the program, to be chosen in consultation with an appropriate member of the committee.

A reading knowledge of two languages is also required: normally they are Latin (as demonstrated by the completion of LATN V1201 Intermediate Latin I or LATN V1202 Intermediate Latin II) and the completion of the fourth term of one Romance or Germanic language. Language courses do not count toward the 12 points required for the special concentration.

MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

Departmental Office: 401 Knox; 212-854-2556
<http://www.columbia.edu/cu/mesaas/>

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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, Turkish, Hebrew, Armenian, Sanskrit, Hindi/Urdu, Bengali, Tamil, Swahili, Wolof, and Zulu.

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.

FACULTY PROFESSORS

- Muhsin J. Ali al-Musawi
- Partha Chatterjee
- Hamid Dabashi
- Mamadou Diouf
- Wael Hallaq
- Sudipta Kaviraj
- Rashid Khalidi
- Mahmood Mamdani
- Joseph Massad
- Brinkley Messick
- Dan Miron
- Timothy Mitchell
- Sheldon Pollock
- Frances Pritchett (*emeritus*)
- George Saliba

ASSOCIATE PROFESSORS

- Gil Anidjar
- Allison Busch
- Kai Kresse

ASSISTANT PROFESSORS

- Nanor Kebranian
- Mana Kia

SENIOR LECTURERS

- Taoufik Ben Amor
- Abdul Nanji
- Rakesh Ranjan

LECTURERS

- Oujidane Absi
- Aftab Ahmad
- May Ahmar
- Leyla Amzi-Erdogdular
- Ghada Badawi
- Tarik Belhoussein
- Nehama Bersohn

- Rym Bettaieb
- Jane Clayton
- Ihsan Colak
- Zuleyha Colak
- Ghazzal Dabiri
- Reem Faraj
- Charry Karamanoukian
- Rina Kreitman
- Youssef Nouhi
- Dalpat Rajpurohit
- D. Samuel Sudanandha
- Mariame Sy

NIKIT AND ELEANORA ORJANIAN VISITING PROFESSOR

- Helen Evans (*Fall 2014*)

ON LEAVE

- Prof. Kebranian (*Fall 2014*)
- Profs. Chatterjee, Khalidi, Mamdani, Massad, Messick, Miron, Pollock (*Spring 2015*)

REQUIREMENTS

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 V2003 Introduction to Islamic Civilization or ASCM V2008 Contemporary Islamic Civilization. Students keen on learning more about South Asia would take ASCM V2357 Introduction to the Civilization of India, HSME W3810 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 W2030 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 V3399 Major Texts: Middle East/India (for those focusing on the Middle East and South Asia) or AFCV C1020 African Civilizations (for those focusing on Africa).

With this background, students are ready to take, generally in the junior or senior year, MDES W3000 Theory and

Culture. 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 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 (<http://www.columbia.edu/cu/mesaas>) 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 W3960 MESAAS Honors Thesis Seminar, 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 (<http://www.columbia.edu/cu/mesaas>).

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 (https://www.studentaffairs.columbia.edu/sites/dsa/files/forms/CC%20major%20declaration_1.pdf) 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 Major Texts: Middle East/India
V3399

or AFCV African Civilizations
C1020

MDES Theory and Culture
W3000

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

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.

MAJOR IN AFRICAN STUDIES

Students who have declared a major in African Studies prior to Spring 2014 must follow the requirements below.

The African Studies major requires 12 courses and a semester in Africa as follows:

MDES Major Debates in the Study of Africa
W2030

Select four semesters (2 years) of study of an African language: Arabic, Pulaar, Swahili, Wolof and Zulu are currently offered

Select four Africa-related courses from one of the following departments: Anthropology, Art History and Archaeology, Comparative Literature and Society, Economics, English and Comparative Literature, French and Romance Philology, History, Middle Eastern, South Asian, and African Studies, Music, Political Science or Women's and Gender Studies

Select two Africa-related courses from another department in the list above

Select one semester of study or supervised research in Africa *

* A current list of programs approved by the Office of Global Programs is available at <http://ogp.columbia.edu/>.

Students who declare a major in Spring 2014 and beyond, and are mainly interested in the study of Africa should declare a major in Middle Eastern, South Asian, and African Studies, and follow a program of courses that focus on Africa.

CONCENTRATION IN AFRICAN STUDIES

Students who have declared a concentration in African Studies prior to Spring 2014, i.e. students in the class of 2015, must follow the requirements below.

The African Studies concentration requires 7 courses as follows:

MDES Major Debates in the Study of Africa
W2030

Select three Africa-related courses from the departments listed for the major

Select one Africa-related course from another department listed for the major

Select two semesters (1 year) of study of an African language

Select one semester of study or research in Africa is strongly encouraged

Students who declare a concentration in Spring 2014 and beyond, i.e. students in the class of 2016, 2017, and 2018, and who are mainly interested in the study of Africa should declare a concentration in Middle Eastern, South Asian, and African Studies, and follow a program of courses that focus on Africa.

COURSES

Please scroll down for our Language (p. 601) courses.

ASIAN HUMANITIES

AHUM V3399 Major Texts: Middle East/India. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: Literature (LIT)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

AHUM V3399 and V3400 form a sequence, but either may be taken separately. V3399 may also be taken as part of a sequence with AHUM V3830. Readings in translation and discussion of texts of Middle Eastern and Indian origin. Readings include the Qur'an, Islamic philosophy, Sufi poetry, the Upanishads, Buddhist sutras, the Bhagavad Gita, Indian epics and drama, and Gandhi's Autobiography.

Fall 2014: AHUM V3399

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3399	001/05400	T 2:10pm - 4:00pm 307 Milbank Hall	Rachel McDermott	4	21/25
AHUM 3399	002/02507	W 2:10pm - 4:00pm 214 Milbank Hall	Hossein Kamaly	4	11/25
AHUM 3399	003/87030	M 2:10pm - 4:00pm Hl-2 Heyman Center For Humanities	Wm Theodore De Bary, Hossein Kamaly	4	10/25

AHUM 3399	004/97947	W 4:10pm - 6:00pm 607 Hamilton Hall	Wael Hallaq	4	17/25
AHUM 3399	005/72193	W 2:10pm - 4:00pm 402 Hamilton Hall	Sheldon Pollock	4	15/25

Spring 2015: AHUM V3399

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
AHUM 3399	002/89280	F 9:00am - 10:50am 301m Fayerweather	Nanor Kebranian	4	14/30

LECTURE COURSES

ASCM V2001 Introduction to Major Topics in the Civilizations of the Middle East and India. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

A general introduction to major cultures in the Middle East and South Asia. The range of cultural issues, institutional forces, textual sources, and figures of authority who have historically defined and symbolically distinguished Asian and Middle Eastern cultures, from their earliest origins to our own time. A representative sample of sacred and secular sources is closely examined in order to guide the students toward a comprehensive conception of what constitutes these distinct cultures and how they have been redefined in the process of their contemporary adaptations.

Fall 2014: ASCM V2001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2001	001/01120	M W 10:10am - 11:25am 327 Milbank Hall	Hossein Kamaly	4	14

ASCM V2003 Introduction to Islamic Civilization. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

Lecture and recitation. Islamic civilization and its characteristic political, social, and religious institutions and intellectual traditions.

Fall 2014: ASCM V2003

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2003	001/68580	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	George Saliba	4	87/200

ASCM V2008 Contemporary Islamic Civilization. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

Lecture and recitation. No previous study of Islam is required. The contemporary Islamic world studied through freshly translated texts; recorded interviews with religious, political, and intellectual leaders; and films highlighting the main artistic and cultural currents. Topics include religion and

society, religion and politics, issues of development, theories of government, gender issues, East-West confrontation, theatre, arts, films, poetry, music, and the short novel.

Spring 2015: ASCM V2008

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ASCM 2008	001/71295	T Th 11:40am - 12:55pm 614 Schermerhorn Hall	Hamid Dabashi	4	87/200

MDES W2030 Major Debates in the Study of Africa. 4

points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Recitation Section Required

This course, previously offered as ANTHROPOLOGY V2010, will focus on key debates that have shaped the study of Africa in the postcolonial African academy. We will cover six key debates: (a) history before external impact; (b) agency and responsibility in different kinds of slave trade; (c) State Formation (conquest, slavery, colonialism); (d) underdevelopment (colonialism and globalization); (e) nationalism and the anti-colonial struggle; and (f) Pan-Africanism and globalization. The approach will be multidisciplinary and readings will be illustrative of different sides in the debate. This course satisfies the Global Core requirement.

Fall 2014: MDES W2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2030	001/70847	M W 11:40am - 12:55pm 420 Pupin Laboratories	Mahmood Mamdani	4	35

MDES W3000 Theory and Culture. 4 *points.*

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

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 2014: MDES W3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3000	001/16958	M W 11:40am - 12:55pm 703 Hamilton Hall	Gil Anidjar	4	57

MDES W3001 Supervised Readings. 1-3 *points.*

Sign up for section in the department

Fall 2014: MDES W3001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3001	001/66405			1-3	0/0

MDES W2041 Introduction to Indian Philosophy. 3

points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course is an overview of Indian philosophy, starting in the first millennium BCE and ending just prior to European colonization, and encompassing Hindu, Buddhist, and Jain thinkers. The readings will introduce a diversity of philosophical traditions—including but not limited to the “six schools”—through the ideas and debates that defined them. Points of focus will include epistemology, aesthetics, hermeneutics, and the philosophy of language. Broader themes will include philosophy as a cross-cultural enterprise, the ways that philosophical traditions were constituted and reconstituted over their history, the ways they interacted with each other, and the relationship between philosophy and religion.

Spring 2015: MDES W2041

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2041	001/65892	M W 2:40pm - 3:55pm 103 Knox Hall	Andrew Ollett	3	17/15

MDES W2640 Modern South Asia: Intro to Bollywood and Beyond. 3 *points.*

Film screenings take place on Fridays.

The epic scale of Indian cinema - three hour long films, song and dance sequences, spectacular larger than life films sets, elaborate costumes and star systems, temples and elections devoted to stars - lends itself easily to accounts that run from gentle mockery to an enthusiastic acclaim. This course will offer a historical and thematic introduction to Hindi language commercial Indian cinema, also known more commonly as Bollywood with a particular focus on the themes of gender, selfhood and identity (masculinity as well as female sexuality). Screenings will include iconic and popular films like: Mother India (1957), Guide (1965), Deewar (1975), Saleem Langde Pe Mar Ro (1989), Dilwale Dulhania Le Jayenge (1995), The Dirty Picture (2011), and Kahaani (2012).

MDES W2650 Gandhi and His Interlocutors. 4 *points.*

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

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.

Spring 2015: MDES W2650

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 2650	001/26908	T Th 10:10am - 11:25am 516 Hamilton Hall	Sudipta Kaviraj	4	39

MDES W3042 Palestinian and Israeli Politics and Society. 4 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.

MDES W3051 The Anatomy of Development: Critical Perspectives on Expertise in Africa, South Asia and the Middle East. 3 points.

This course examines the emergence of development in the 20th Century as a global discourse of governance and how it shapes forms of power and authority in postcolonial societies. The class offers new ways for framing the question of development and thinking about the forms of social and economic knowledge which it produces. Rather than tracing the history of development as a set of international institutions or as a "global" idea, this course approaches development from the local points where the knowledge and expertise of development are produced and deployed. Moving between the three regions of South Asia, Africa and the Middle East, the course explores the invention of concepts key to development discourse - such as progress, poverty market informality, and empowerment - through readings in primary and secondary sources. How these concepts have been deployed and contested is then traced through specific historical examples.

Spring 2015: MDES W3051

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3051	001/72548	T Th 2:40pm - 3:55pm C01 Knox Hall	Casey Primel	3	8/15

MDES W3121 South African Literature and Culture: Apartheid and After. 3 points.

In South Africa, the seventy years have seen the legislation of institutionalized racism in the policy known as *apartheid*; decades of protest and repression; and the emergence of popular movements in South Africa and abroad that compelled the apartheid state to enter a process of negotiation that would ultimately lead to its own demise in the democratic elections of 1994. This course traces the multiple, profoundly important roles that literature and other cultural production have played in the consolidation of apartheid, as well as its demise and aftermath. Although many of our texts were originally written in English, we will discuss the historical forces that have shaped the linguistic texture of South African cultural life.

Spring 2015: MDES W3121

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3121	001/63534	M W 1:10pm - 2:25pm C01 Knox Hall	Jennifer Wenzel	3	6

MDES W3130 East Africa and the Swahili Coast in an Interconnected World. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course offers an introduction to East African history and society. It is intended primarily for those who have taken an introductory course in African studies, such as MDES W2030 Major Debates in the Study of Africa or AFCV 1020 African Civilization, or similar courses in South Asian or Middle Eastern studies. Students read anthropological and historical studies of the region, alongside works of literature by a number of leading East African writers. The course emphasizes the historical role of the Swahili coast and Swahili language as forces that shaped an interconnected world stretching far inland and across the Indian Ocean, but that also shaped adversity and antagonisms.

Spring 2015: MDES W3130

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3130	001/10611	M W 11:40am - 12:55pm 407 Mathematics Building	Kai Kresse	3	9

MDES W3260 Rethinking Middle East Politics. 4 points. Discussion Section Required

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.

Spring 2015: MDES W3260

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3260	001/68286	M W 10:10am - 11:25am 703 Hamilton Hall	Timothy Mitchell	4	30/36

MDES W3445 Societies & Cultures Across the Indian Ocean. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The course is designed to introduce 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 over a broad arc of history. 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 cooperation, accommodation or conflict did different Indian Ocean encounters engender? Using an array of different primary sources, we look at particular case studies and their broader social and cultural contexts.

Fall 2014: MDES W3445

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3445	001/27427	W 2:40pm - 3:55pm 212a Lewisohn Hall	Mana Kia	3	12

MDES 3445	001/27427	M 2:40pm - 3:55pm 212d Lewisohn Hall	Mana Kia	3	12
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MDES W3540 Introduction to Israeli Culture. 3 points. Not Offered During 2014-15 Academic Year.

Prerequisites: Reading proficiency in Hebrew not required.

MDES W3541 Zionism: A Cultural Perspective. 3 points. Not Offered During 2014-15 Academic Year.

MDES W3750 Islam, Science, and the West. 3 points. Not Offered During 2014-15 Academic Year.

MDES W3920 Contemporary Culture in the Arab World. 3 points.

Prerequisites: Instructor 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 2014: MDES W3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3920	001/67583	W 4:10pm - 6:00pm 201d Philosophy Hall	Joseph Massad	3	15/24

MDES W3923 Central Questions in Islamic Law. 3 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.

Spring 2015: MDES W3923

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3923	001/21157	W 4:10pm - 6:00pm 103 Knox Hall	Wael Hallaq	3	19/30

CLME W3928 Arabic Prison Writing. 3 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 2014: CLME W3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 3928	001/13000	Th 12:10pm - 2:00pm 207 Knox Hall	Muhsin Al-Musawi	3	11

Spring 2015: CLME W3928

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLME 3928	001/63144	Th 2:10pm - 4:00pm 208 Knox Hall	Muhsin Al-Musawi	3	21/18

MDES W3942 Introduction to Modern African History. 3 points.

This seminar is an interdisciplinary exploration of the history of the African continent, examining very closely the colonial and postcolonial periods. Its focus is the intersection of politics, economics, culture and society. Using colonialism, empire, and globalization as key analytical frames, it pays special attention to social, political and cultural changes that shaped the various African individual and collective experiences.

MDES W3952 Understanding Genocide: History, Society, Politics. 3 points.

This interdisciplinary course acquaints students with 'genocide' as a term, concept, and sociopolitical reality. The coursework is geographically and thematically comparative with readings in sociology, history, journalism, law, and philosophy. Students are expected to engage with the following questions: What is genocide? How do historical, social, and political factors contribute to and limit its definition? How are perpetrators and victims identified and to what ends?

MDES W3960 MESAAS Honors Thesis Seminar. 4 points. For seniors who have declared MESAAS as their major only.

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 2014: MDES W3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3960	001/13060	W 2:10pm - 4:00pm 207 Knox Hall	Kai Kresse	4	12

Spring 2015: MDES W3960

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 3960	001/69389	W 2:10pm - 4:00pm 207 Knox Hall	Kai Kresse	4	11

MDES W4041 Reform and Revolution: Middle East History. 4 points.

Not Offered During 2014-15 Academic Year.

This course approaches some of the most influential social-scientific work on social movements; the movements are evaluated in light of the theoretical notions such as irrational crowds, rational calculators, hidden and public transcripts, moral economy, habitus, waves, repertoires, and global and local ideological frames of collective action.

MDES G4052 Locating Africa in the Early 20th Century World. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Not Offered During 2014-15 Academic Year.

During the early twentieth century the meaning of Africa and its location within the "universal" historical narrative was a source of discussion and debate among western and African elites. In this seminar, we will study the ways that African and people of African descent participated in this discussion. Through primary and secondary readings, we will learn about how African, African American and European writers, artists and activists engaged and (re) interpreted imperial and international resources (including the insights of the new sciences of Man) to (re)imagine their political and social situations, and to participate in various political expressions, including surrealism, pan-Africanism, communism, feminism, black internationalism, and anti-imperialism. We will also engage critically debates (e.g., Egyptianisms and Ethiopianisms) and theoretical developments in African, imperial, transnational, international and global scholarship that seeks to understand the complex traffic of people and ideas across national and imperial boundaries.

MDES G4062 Global Political Thought: Gandhi, Iqbal, Nehru, Senghor. 4 points.
Not Offered During 2014-15 Academic Year.

This course is intended to explore important themes in modern political thought from texts taken from traditions outside the modern West. It will not be devoted to textual exegesis, but use as sites of exploration central questions of modern politics. The attempt will be not merely to grasp what these thinkers thought, but to think more widely with and through their texts. The course will focus on the works of M K Gandhi, Jawaharlal Nehru, Mohammad Iqbal, and Leopold Senghor. It will involve reading assigned texts and critical and comparative analysis of their theoretical ideas.

MDES G4144 Africa: Modernity and the Post Colonial Experience. 4 points.
Not Offered During 2014-15 Academic Year.

This 4000 level seminar course is organized around weekly readings that represent substantial contributions to the debate about both 'modernity' and 'postcolonial experience' in Africa, from a range of interrelated disciplinary perspectives. In readings and discussions, we will keep the relationship between the two main discursive fields in view, and also (re-)consider the ongoing relevance of colonialism and colonial experiences in relation to them. Conceptual reflections on modernity and postcolonial experience(s) need to be based upon empirical research, and underpinned by regional socio-historical knowledge of the settings and scenarios discussed - there is no 'modernity' per se and no 'postcolonial experience' as such. We will involve comparative, historical and contemporary angles of discussion, and pursue an interest in critical conceptualization in relation to social and political realities in Africa, and with a view to African thinkers.

CLME G4226 Arabic Self-Narratives. 4 points.

CLME G4227 The Islamic Context of the Arabian Nights since the Establishment of Baghdad. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: No prior knowledge of Arabic language is required.

This course questions the popular assumption that the tales of the *Thousand and One Nights* lack any Islamic content and that their fantastic or erotic dimensions are the only dynamic narrative components behind the vogue. This collection is read against a number of contemporaneous writings (in English translation), including al-Hamadan's *Manama*, to discuss issues that relate to market inspectorships, economy, social order, marginal groups like the mad, the use of public space including the *hammed*, and the position on fate, destiny, time, afterlife, sex and love. The course takes its starting point from classical Arabic narratives, poetry and epistolary art and follows up the growth of this repository as it conveys, reveals, or debates Islamic tenets and jurists' stand. The course aspires to provide students with a solid and wide range of information

and knowledge on Islamic culture since the emergence of the Islamic center in Baghdad (b. 762). Students are expected to develop a critical method and insightful analysis in dealing with the text, its contemporaneous works from among the belletristic tradition and popular lore, its adaptations, and use and misuse in Arabic culture since the ninth century.

CLME G4228 The Arab Street: Politics and Poetics of Transformation. 4 points.

This course responds to the sweeping winds of change in the Arab region, covering a great amount of archival and media material including documentaries, films, narratives, poetry and songs. It substantiates and synthesizes its analysis with a theoretical frame that makes use of Arab intellectual thought in translation, along with legacies of popular revolutions and liberation movements in the Arab region and in the three continents, along with readings of significance in the literature of World War I and II. The course initiates its discussion with experts' speculations on the difference between the deliberate 'creative chaos' as part of an imperial strategy, and popular revolutions that swept some autocratic and dictatorial regimes. To reach a better understanding of this difference, the course will explore the rites of passage through which these movements grow and authenticate their presence before finding the right medium or occasion to burst out in a volcanic fashion. The course explores: memory, the changing role of the elite, youth movements, people's leadership, the changing lexicon, conceptualization of nationhood, social media and solidarity, regional specifics and common concerns, and the rise of a new poetics as a confederation of semiotics, rhetoric and expressive devices. In their presentations and research students are encouraged to participate in archival material gathering, analysis of required texts and active participation in roundtable discussions.

CLME G4231 Cold War Arab Culture. 4 points.

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.

MDES G4240 Survey of Islamic Science. 4 points.
Not Offered During 2014-15 Academic Year.

No language requirements. A survey of the scientific tradition of Islam from its earliest times until the end of the Middle Ages.

MDES G4253 Islamic Law: The Three Debates. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: ASCM V2003 or equivalent.

This seminar deals with three paradigmatic sets of questions in the history of Islamic law, each set representing and encompassing key themes pertaining to three important

historical phases. Long-standing debates on the “origins” of the Shari‘a will be explored, as will the constitution of the formative period, which is variably claimed to stretch from two to four centuries. Scholarship on this period will be examined as ideology. In the second set of questions, squarely situated in the post-formative period (ca. 11th – 17th c.) we examine the relationship between and among social custom, juridical practice and formal legal doctrine, discussing in outline the structural mechanisms the Shari‘a has developed to accommodate legal change. Scholarship on this period and on what the features of this period came to represent in the overall constructed history of the Shari‘a will also be examined as ideology. In the third set of questions, we analyze so-called legal reform and the role of state in converting the Shari‘a to a modern institution that is qualitatively different from its pre-modern predecessor. Scholarship on the Shari‘a in the modern period will also be examined as ideology. Finally, but not necessarily at the end of the course, we will pose questions about the nature of interpretation and language in the construction of a paradigmatic idea (and history) of the Shari‘a.

CLME G4261 Popular Islam: Asia and Africa. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course explores common beliefs and practices that are held by Muslims across ethnicities and national borders. It looks at these not only from a Herder’s perspective of a national-popular dynamic as a formative part in cultural capital, but also from a deep-rooted *Islamica* as an accumulated faith that got woven into local and indigenous cultures. Hence, it questions the whole idea of Islamic modernity, in its ethnic and national images, as a culmination of the encounter with Europe. It interrogates the premise as an elitist worldview that has overlooked the formation processes in the makeup of cultural and identitarian politics and poetics. Laying emphasis on the shared and common beliefs among the Muslim mass audience, it studies visitations, sites of intercession like shrines, amulets, encomiums to the Prophet, Sufi tales, *dhikr* recitations, dreams and their interpretation, divination, and many other common beliefs and practices that cut across modernity paradigms and binary structures. Through close analysis of these practices in texts, poetry, narrative, travelogue and memoirs, it argues that the bane of modernity is its subordination to a Western ideal that minimizes or even negates its engagement with Islamic and Arabic-writing tradition. The nation state and through codification processes and as led by the intelligentsia forged a social program that usually invalidates common practices and rural culture. Only after 1967, the unsettling experience of total bankruptcy, that intellectuals question the dichotomies of science versus religion and the myth of progress versus tradition. The rise of Islamic movements since the Iranian Revolution began to pose questions with respect to modernity and the viable means of economic and social welfare. New writings, forms and modes of expression take to the street

where they find substance and faith that has been ignored for long under cultural dependency. Under the increasing role of social media and cyberspace, non-traditional forums, modes of expression and mediums gradually take over the right to speak for religion and disseminate its own languages that ironically converse with pre-modern venues and means of dialogue. These works receive due attention in relation to theoretical studies that may help increase readers’ critical insight. **No prior knowledge of Arabic language is required.**

MDES G4326 The Armenian Genocide and the Holocaust: Memory and Representation. 4 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Not Offered During 2014-15 Academic Year.

This course is an investigation of the impact of genocide on the self and the imagination’s representations in literature, film, and video testimony; primary texts will include poetry, memoir, video testimony, film, and visual art. Scholarly methodology will involve readings of literary criticism and theoretical works in the study of trauma, literary theory, and testimony. Among the questions the course will ask are: how does trauma shape imagination and open up access to the site of disaster that is now carried in fragments which inform memory; how do representations of violence shape and inflect aesthetic orientations and literary and artistic forms. In asking these questions, we will engage in the process of formal analysis of texts, psychological and historical contexts (for those texts), and finally ethical assessments about the function and role of these texts in the broader discourse of social thought and historical memory. The course will concern itself with the aftermath of two twentieth century genocides—that of the Armenians in Turkey during World War I and of the Jews in Europe during World War II—both seminal events of the twentieth century that, in various ways became models for ensuing genocides. Students will be permitted to write about other post-genocidal texts with the instructor’s permission.

MDES G4347 Origins of Armenian Art: Creating an Identity. 4 points.

Working with objects in the collections of the Metropolitan Museum of Art in the Medieval Department’s offices, the course will be an interdisciplinary exploration of the creation of a sense of self-identity for the Armenian people through visual media and material culture. Coins, manuscript illuminations, stone carvings, ceramics, textiles and other media will be studied to determine the means by which the Armenian people at the level of elite and popular culture identified themselves and positioned themselves in relation to neighboring, or dominating, cultures. Relevant works from other cultures in the Museum’s encyclopedic collections will be used for comparative study. Students will do a paper on an Armenian work selected from the Museum’s collection and present an aspect of their research in class. Hands on experience with the Museum’s works of art will allow

consideration of means of manufacture as well as style and iconography.

Fall 2014: MDES G4347

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4347	001/60952	F 11:00am - 12:50pm 001 Metropolitan Museum Of Art	Helen Evans	4	6

MDES G4601 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-terms 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.

Spring 2015: MDES G4601

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4601	001/12673	W 10:10am - 12:00pm C01 Knox Hall	Sudipta Kaviraj	4	17

MDES G4652 Mughal India. 4 points.

Not Offered During 2014-15 Academic Year.

The Mughal period was one of the most dynamic eras in world history, when India was the meeting place of many cultures. Of Timurid ancestry, the earliest Mughal rulers drew upon the heritage of Central Asia in their ruling styles and cultural practices, but they would soon adapt to the complexities of their Indian milieu, which had longstanding traditions that were a blend of Sanskrit and Persian, Hindu and Muslim idioms. European culture, whether filtered through Jesuit sermons, itinerant merchants, or Flemish engravings, was also making inroads into India during this period. This course is a broad cultural history of Mughal India as seen from a range of perspectives and sources. We consider the Mughals' major achievements in visual culture as manifested in painting and architecture, as well as exploring diverse topics in religion, literature, politics, and historiography. Yet another approach is to listen to the voices of the Mughal rulers as recorded in their memoirs, as well as investigating the signal contributions of the dynasty's women.

CLME G4621 Court Cultures of India. 4 points.

Not Offered During 2014-15 Academic Year.

This course approaches the phenomenon of princely India from a range of perspectives. Students learn about the political and cultural practices of specific courts that played a major role in Indian history such as the Guptas, Vijayanagarm and the Mughals, while also being exposed to aspects of Indian courtly life more generally. Topics include, among others, literature, art, architecture, intellectual practices, music and the science of erotics (Kamasutra). While the emphasis is on Indian court culture as seen from within India, cross cultural perspectives are also introduced. For instance, why were Sanskrit literature and Indian architecture emulated far afield in Southeast Asia in the first millenium? And how was Indian court culture perceived by Europeans in the early modern and colonial periods? The course concludes with some reflections on the legacy of Mughals and maharajas in postcolonial India.

MDES G4654 Gender, Power and Culture in Early Modern India. 4 points.

Not Offered During 2014-15 Academic Year.

This course engages with the history of early modern India (c. 1500-1800) through the analytic lenses of gender, culture and power with an emphasis on Persianate contexts. Our main question is how the analytics of gender and sexuality can illuminate issues surrounding culture and power in India. Conversely, we explore how early modern Indian contexts challenge the assumptions of theoretical works on gender and sexuality. The topics we consider include the politics of history writing, mysticism, self-fashioning, imperial self-figuring, the ethics and aesthetics of morality, love, heroism, homosocial relations and homoerotic practices. To this end, we read theoretical works, recent scholarly studies and an array of primary sources such as memoirs, moral exempla, historical chronicles, monuments, paintings, Sufi sayings (malfuzat), epic literature, moral philosophy, and political advice literature.

MDES G4721 Epics and Empires: Shahnameh. 4 points.

CLME G4733 Iran: Film, Fiction, Poetry & History. 4 points.

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.

Spring 2015: CLME G4733

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLME 4733	001/75876	T 2:10pm - 4:00pm 207 Union Theological Seminary	Hamid Dabashi	4	23

CLME G4760 Shi'ites and Shi'ism. 4 points.

Not Offered During 2014-15 Academic Year.

MDES W4726 Readings in Persian Texts. 4 points.

Prerequisites: Must have completed MDES 1713, equivalent two years of Persian or instructor's permission.

This course is designed to expose students to Persian texts from a variety of temporal periods and geographic regions. The first half of the semester will focus on a single genre across regions and time periods, while the second half of the semester will consist of readings from various poetic and prose genres, in consideration of student interests. Spring 2015 we will spend the first half of the semester reading biographical commemorative compendia (*tazkirahs*), a rich genre for the study of Persianate poetry, culture, societies and politics. Since the content changes each term, the course may be repeated for credit.

Spring 2015: MDES W4726

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4726	001/91396	M W 2:10pm - 4:00pm 212d Lewisohn Hall	Mana Kia	4	6/15

LANGUAGE COURSES**Arabic****MDES W1208 Arabic For Heritage Speakers, I and II. 5 points.****Fall 2014: MDES W1208**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1208	001/18367	M T W Th 11:40am - 12:45pm 101 Knox Hall	Youssef Nouhi	5	4/15

MDES W1210 First Year Arabic, I and II. 5 points.

An introduction to the language of classical and modern Arabic literature.

Fall 2014: MDES W1210

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1210	001/77471	M T W Th 10:10am - 11:15am 101 Knox Hall	Youssef Nouhi	5	14/12
MDES 1210	002/11196	M T W Th 11:40am - 12:45pm 116 Knox Hall	May Ahmar	5	12/12
MDES 1210	003/65819	M T W Th 8:50am - 9:55am 104 Knox Hall	Reem Faraj	5	13/12
MDES 1210	004/19178	M T W Th 2:40pm - 3:45pm 101 Knox Hall	Tarik Belhoussein	5	14/12
MDES 1210	005/25705	M T W Th 10:10am - 11:15am 104 Knox Hall	Reem Faraj	5	11/12

Spring 2015: MDES W1210

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1210	001/61497	M T W Th 8:50am - 9:55am C01 Knox Hall	Ouijdane Absi	5	8/12
MDES 1210	002/15141	M T W Th 2:40pm - 3:45pm Room TBA	Ghada Badawi	5	14/12

MDES W1211 First Year Arabic, I and II. 5 points.

An introduction to the language of classical and modern Arabic literature.

Fall 2014: MDES W1211

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1211	001/65869	M T W Th 11:40am - 12:45pm 103 Knox Hall	Ouijdane Absi	5	9/15
MDES 1211	002/75031	M T W Th 2:40pm - 3:45pm 114 Knox Hall	Ghada Badawi	5	12/15

Spring 2015: MDES W1211

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1211	001/14408	M T W Th 8:50am - 9:55am 104 Knox Hall	Reem Faraj	5	13/15
MDES 1211	002/60466	M T W Th 11:40am - 12:45pm 116 Knox Hall	May Ahmar	5	6/15
MDES 1211	003/66472	M T W Th 10:10am - 11:15am 104 Knox Hall	Reem Faraj	5	14/15
MDES 1211	004/65844	M T W Th 2:40pm - 3:45pm 101 Knox Hall	Tarik Belhoussein	5	15/15

MDES W1214 Second Year Arabic, I and II. 5 points.

Prerequisite: *MDES W1210-W1211* or the equivalent. A continuation of the study of the language of contemporary writing.

Fall 2014: MDES W1214

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1214	001/15741	M T W Th 10:10am - 11:15am 116 Knox Hall	May Ahmar	5	8/12
MDES 1214	002/11742	M T W Th 8:50am - 9:55am 101 Knox Hall	Rym Bettaieb	5	11/12
MDES 1214	003/29164	M T W Th 4:10pm - 5:15pm 101 Knox Hall	Tarik Belhoussein	5	12/12

Spring 2015: MDES W1214

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1214	001/75100	M T W Th 1:10pm - 2:15pm 103 Knox Hall	Ouijdane Absi	5	14/15

MDES W1215 Second Year Arabic, I and II. 5 points.

Prerequisite: *MDES W1210-W1211* or the equivalent. A continuation of the study of the language of contemporary writing.

Fall 2014: MDES W1215

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1215	001/74355	M T W Th 10:10am - 11:15am 103 Knox Hall	Ouijdane Absi	5	11/15

Spring 2015: MDES W1215

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1215	001/77169	M T W Th 10:10am - 11:15am 116 Knox Hall	May Ahmar	5	4/15
MDES 1215	002/70142	M T W Th 8:50am - 9:55am 101 Knox Hall	Rym Bettaieb	5	12/15
MDES 1215	003/19782	M T W Th 4:10pm - 5:15pm 101 Knox Hall	Tarik Belhoussein	5	14/15

MDES W4210 Third Year Arabic, I and II. 5 points.

Fall 2014: MDES W4210

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4210	001/71679	M T W Th 11:40am - 12:45pm 114 Knox Hall	Ghada Badawi	5	5/12
MDES 4210	002/68745	M T W Th 10:10am - 11:15am C01 Knox Hall	Rym Bettaieb	5	9/12

MDES W4212 Fourth Year Arabic I: Readings in Modern Arabic Prose. 4 points.

Fall 2014: MDES W4212

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4212	001/65125	M W 9:00am - 10:50am 112 Knox Hall	Taoufik Ben-Amor	4	6/15

MDES W4216 Advanced Arabic Grammar Review. 3 points.

Through reading and writing, students will review Arabic Grammar concepts within the context of linguistic functions such as narration, description, comparison, etc. For example, within the function of narration, students will focus on

verb tenses, word order, and adverbials. Based on error analysis in the past twelve years that the Arabic Program has been using *Al-Kitaab*, emphasis will be placed on common and frequent grammatical errors. Within these linguistic functions and based on error analysis, the course will review the following main concepts: Types of sentence and sentence/ clause structure. The Verb system, pattern meanings and verb complementation. Quadrilateral verb patterns and derivations. Weak Verbs derivations, conjugation, tense frames and negation. Case endings. Types of noun and participle: Noun of time, place, instance, stance, instrument, active and passive participles. Types of construct phrase: *al-iDafa*. Types of Adverbials and verb complements: *Hal, Tamyiz, Maful mutlaq, Maful li'ajlihi, adverbs of time, frequency, place and manner*. The number system and countable nouns. Types of *maa*. Diptotes, *al-mamnu' min-aSSarf*.

Fall 2014: MDES W4216

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4216	001/28116	M W 1:10pm - 2:25pm 112 Knox Hall	Taoufik Ben-Amor	3	4/15

Spring 2015: MDES W4216

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4216	001/69902	M W 11:40am - 12:55pm 112 Knox Hall	Taoufik Ben-Amor	3	9/15

Armenian

MDES W1310 Elementary Armenian I and II. 4 points.

Fall 2014: MDES W1310

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1310	001/21049	M W 4:10pm - 6:00pm 311 Knox Hall	Charry Karamanoukian	4	3

MDES W1312 Intermediate Armenian, I and II. 4 points.

Prerequisites: *MDES W1310-W1311* or the equivalent. A continuation of the study of reading, writing and speaking of Armenian.

Fall 2014: MDES W1312

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1312	001/17453	T Th 4:10pm - 6:00pm 311 Knox Hall	Charry Karamanoukian	4	0

MDES W4314 Readings in Armenian Texts. 3 points.

Prerequisites: MDES W1312 and MDES W1313, Intermediate Armenian or equivalent. Readings in Armenian Texts is the highest-level language course offered by the Armenian Language Program at MEALAC. It is designed for students who have a good foundation of the language or have attained the equivalent

of Intermediate level Armenian and wish to perfect their knowledge of grammar while developing their skills in independent reading. The content of the course will change each term. Students will be introduced to a variety of fiction and non-fiction texts in Armenian. Texts will consist of full length short stories and newspaper articles as well as excerpts from lengthier works, all in modern Western Armenian. The emphasis will be on analyzing context, syntax and grammatical structures as clues towards comprehension. In addition to grammar and vocabulary analysis, students will produce translations, brief summaries and commentaries on the texts they read, both orally and in written form.

Fall 2014: MDES W4314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4314	001/79285	T Th 1:10pm - 2:25pm 311 Knox Hall	Charry Karamanoukian	3	1

Spring 2015: MDES W4314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4314	001/94281	M W 11:40am - 12:55pm 311 Knox Hall	Charry Karamanoukian	3	2

Hebrew

MDES W1510 First Year Modern Hebrew: Elementary I. 5 points.

This is an introductory course for which no prior knowledge is required. Equal emphasis is given to listening, speaking, reading, writing and grammar. Daily homework includes grammar exercises, short answers, reading, or paragraph writing. Frequent vocabulary and grammar quizzes.

Fall 2014: MDES W1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1510	001/72376	M T W Th 11:40am - 12:45pm A-36 Union Theological Seminary	Lital Canaani	5	10/15
MDES 1510	002/12222	M T W Th 1:10pm - 2:15pm 114 Knox Hall	Lital Canaani	5	15/15

MDES W1512 Second Year Modern Hebrew: Intermediate I. 5 points.

Prerequisites: Prerequisite: MDES W1511 or the equivalent. Equal emphasis is given to listening, speaking, reading and writing. Regular categories of the Hebrew verb, prepositions, and basic syntax are taught systematically. Vocabulary building. Daily homework includes grammar exercises, short answers, reading, or short compositions. Frequent vocabulary and grammar quizzes.

Fall 2014: MDES W1512

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1512	001/10671	M T W Th 1:10pm - 2:15pm 101 Knox Hall	Orna Goldman	5	15/15
MDES 1512	002/62734	M T W Th 11:40am - 12:45pm 104 Knox Hall	Orna Goldman	5	13/15

MDES W1517 Hebrew for Heritage Speakers I. 3 points.

Hebrew for Heritage Speakers I forms part of a year-long sequence with Hebrew for Heritage Speakers II. The course is intended for those who have developed basic speaking and listening skills through exposure to Hebrew at home or in day-school programs but do not use Hebrew as their dominant language and have not reached the level required for exemption from the Columbia language requirement. Heritage speakers differ in the degree of their fluency, but their vocabulary is often limited to topics in daily life and many lack skills in reading and writing to match their ability to converse. The course focuses on grammar and vocabulary enrichment, exposing students to a variety of cultural and social topics in daily life and beyond. By the end of the semester students are able to read and discuss simple texts and write about a variety of topics. Successful completion of the year-long sequence prepares students to enroll in third-year modern Hebrew.

Fall 2014: MDES W1517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1517	001/81547	M T W Th 12:00pm - 12:50pm 502 Northwest Corner	Nehama Bersohn	3	15/15

MDES W4510 Third Year Modern Hebrew I. 4 points.

Prerequisites: Hebrew W1513 or W1515 or the instructor's permission. Students are expected to have basic familiarity with regular and irregular verbs in five categories of the Hebrew verb system: Pa'al, Pi'el, Hif'il, Hitpa'el and Nif'al. The course focuses on vocabulary building and on development of reading skills, using adapted literary and journalistic texts with and without vowels. Verb categories of Pu'al and Huf'al are taught systematically. Other verb forms are reviewed in context. A weekly hour is devoted to practice in conversation. Daily homework includes reading, short answers, compositions, listening to web-casts, and giving short oral presentations via voice e-mail. Frequent vocabulary quizzes.

Fall 2014: MDES W4510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MDES 001/63675 T Th 9:00am - 10:50am Nehama 4 13/15
4510 114 Knox Hall Bersohn

Persian

MDES W1710 Elementary Persian, I and II. 4 points.

An introduction to the spoken and written language of contemporary Iran.

Fall 2014: MDES W1710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1710	001/12312	M W 9:00am - 10:50am 114 Knox Hall	Ghazzal Dabiri	4	13/15
MDES 1710	002/73902	T Th 9:00am - 10:50am 112 Knox Hall	Hassan Hussain	4	12/15

MDES W1712 Intermediate Persian, I and II. 4 points.

Prerequisite: *MDES W1710-W1711* or the equivalent. A general review of the essentials of grammar; practice in spoken and written Persian; Arabic elements in Persian; selected readings emphasizing Iranian life and culture; materials from Tajikistan and Afghanistan, Indari.

Fall 2014: MDES W1712

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1712	001/69142	M W 2:10pm - 4:00pm 253 International Affairs Bldg	Ghazzal Dabiri	4	9/15

MDES W4710 Advanced Persian, I and II. 3 points.

Fall 2014: MDES W4710

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4710	001/12010	M W 4:10pm - 5:25pm 254 International Affairs Bldg	Ghazzal Dabiri	3	1/12

Turkish

MDES W1910 Elementary Modern Turkish, I and II. 5 points.

Fall 2014: MDES W1910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1910	001/73191	M T W Th 10:10am - 11:15am 212d Lewisohn Hall	Ayse Ozcan	5	9/30

MDES W1912 Intermediate Modern Turkish, I and II. 5 points.

Fall 2014: MDES W1912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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MDES 001/73597 M W 11:40am - 12:45pm Ayse 5 4/15
1912 112 Knox Hall Ozcan

MDES 001/73597 Th 11:40am - 12:45pm Ayse 5 4/15
1912 106b Lewisohn Hall Ozcan

MDES 001/73597 T 11:40am - 12:45pm Ayse 5 4/15
1912 609 Lewisohn Hall Ozcan

MDES W4910 Advanced Spoken Turkish. 3 points.

Fall 2014: MDES W4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4910	001/83046	T Th 1:10pm - 2:25pm 317 Knox Hall	Ayse Ozcan	3	5/15

MDES W4921 Elementary Ottoman Turkish I and II. 3 points.

Prerequisites: Two years of modern Turkish.

Fall 2014: MDES W4921

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4921	001/78596	W 12:45pm - 2:00pm 317 Knox Hall	Leyla Amzi-Erdogdular	3	3/10
MDES 4921	001/78596	M 1:10pm - 2:25pm 317 Knox Hall	Leyla Amzi-Erdogdular	3	3/10

Hindi-Urdu

MDES W1608 Hindi for Heritage Speakers I and II. 5 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.

Fall 2014: MDES W1608

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1608	001/24287	M T W Th 2:40pm - 3:45pm 104 Knox Hall	Rakesh Ranjan	5	17/15

MDES W1609 Hindi for Heritage Speakers I and II. 5 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.

Spring 2015: MDES W1609

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1609	001/20464	M T W Th 2:40pm - 3:45pm 104 Knox Hall	Rakesh Ranjan	5	16/15

MDES W1610 Elementary Hindi-Urdu, I and II. 5 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.

Fall 2014: MDES W1610

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1610	001/88280	M T W Th 11:40am - 12:45pm C01 Knox Hall	Rakesh Ranjan	5	5/15
MDES 1610	002/93547	M T W Th 1:10pm - 2:15pm 116 Knox Hall	Rakesh Ranjan	5	9/15

MDES W1611 Elementary Hindi-Urdu, I and II. 5 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.

Spring 2015: MDES W1611

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1611	002/61862	M T W Th 1:10pm - 2:15pm 116 Knox Hall	Rakesh Ranjan	5	12/15

MDES W1612 Intermediate Hindi-Urdu, I and II. 5 points.

Prerequisites: *MDES W1610-W1611* 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.

Fall 2014: MDES W1612

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1612	001/27807	M T W Th 1:10pm - 2:15pm 104 Knox Hall	Aftab Ahmad	5	10/15

MDES W1613 Intermediate Hindi-Urdu, I and II. 5 points.

Prerequisites: *MDES W1610-W1611* 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.

Spring 2015: MDES W1613

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1613	001/21919	M T W Th 1:10pm - 2:15pm 104 Knox Hall	Dalpat Rajpurohit	5	9/15

MDES W1614 Urdu for Heritage Speakers. 5 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. For example students should be able to converse on familiar topics such as their lives, their family, and their likes and dislikes.

Knowledge of the Urdu script is not a prerequisite for the course. So students who cannot read and write in Urdu at all or they do not yet have developed skills in reading and writing may register for this course. The course will introduce the Urdu script at the start of the semester and then focus on developing all four skills in Urdu language, i.e. listening, speaking, reading and writing. Also, the 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 in both formal and informal registers. To achieve these goals, students will read Urdu texts from various genres, i.e. short stories, folktales, jokes, essays, poetry, and newspapers. Audio-video materials from films, songs, commercials, TV serials and TV news will also be used. **The successful completion of this course (Fall and Spring semesters) fulfills Columbia University's two years of language study requirement.**

Fall 2014: MDES W1614

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1614	001/76125	M T W Th 2:40pm - 3:45pm 116 Knox Hall	Aftab Ahmad	5	8/15

MDES W1615 Urdu for Heritage Speakers. 5 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. For example students should be able to converse on familiar topics such as their lives, their family, and their likes and dislikes.

Knowledge of the Urdu script is not a prerequisite for the course. So students who cannot read and write in Urdu at all or they do not yet have developed skills in reading and writing may register for this course. The course will introduce the Urdu script at the start of the semester and then focus on developing all four skills in Urdu language, i.e. listening, speaking, reading and writing. Also, the 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 in both formal and informal registers. To achieve these goals, students will read Urdu texts from various genres, i.e. short stories, folktales, jokes, essays, poetry, and newspapers. Audio-video materials from films, songs, commercials, TV serials and TV news will also be used. **The successful completion of this course (Fall and Spring semesters) fulfills Columbia University's two years of language study requirement.**

Spring 2015: MDES W1615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1615	001/62127	M T W Th 2:40pm - 3:45pm 116 Knox Hall	Aftab Ahmad	5	8

MDES W4610 Readings In Hindi Literature, I and II. 4 points.

Prerequisites: *MDES W1613* or the instructor's permission. The 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. (Since the content changes each term, the course may be repeated for credit.)

Fall 2014: MDES W4610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4610	001/26222	T Th 2:10pm - 4:00pm 112 Knox Hall	Allison Busch	4	8/15

MDES W4611 Readings In Hindi Literature, I and II. 4 points.

Prerequisites: *MDES W1613* or the instructor's permission. The 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. (Since the content changes each term, the course may be repeated for credit.)

MDES W4624 Advanced Hindi-Urdu I. 5 points.

This is a third year (or fifth semester) course in the Hindi-Urdu program that aims to continue building upon the existing listening, speaking, reading, writing and cultural skills in Hindi and Urdu. Students will be expected to expand their vocabulary, enhance their structural accuracy and develop their cultural appropriateness through their enthusiastic participation in classroom activities and immersing themselves in the speech community outside. The objective of the course is to strengthen students' language skills and to go beyond them to understand and describe situations and people, understand and discuss short stories, news items and events. Writing in the target language will be emphasized throughout as a support skill to enable students to use their diverse vocabulary and grammatical structures. This course will prepare students for "Advanced Hindi-Urdu II" which will be offered in the spring semester.

Spring 2015: MDES W4624

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4624	001/61599	T Th 10:10am - 12:00pm C01 Knox Hall	Dalpat Rajpurohit	5	7/15

MDES W4635 Readings In Urdu Literature, I and II. 3 points.

Prerequisites: *MDES W1613* or the instructor's permission. Conducted largely in Urdu. Includes reading and discussion of selected literary, social science, historical, and/or journalistic texts. Since the content changes each term, the course may be repeated for credit.

Fall 2014: MDES W4635

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4635	001/93630	T Th 6:10pm - 8:00pm 116 Knox Hall	Aftab Ahmad	3	8

MDES W4636 Readings In Urdu Literature, I and II. 3 points.

Prerequisites: *MDES W1613* or the instructor's permission. Conducted largely in Urdu. Includes reading and discussion of selected literary, social science, historical, and/or journalistic texts. Since the content changes each term, the course may be repeated for credit.

Spring 2015: MDES W4636

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4636	001/60049	T Th 6:10pm - 8:00pm 116 Knox Hall	Aftab Ahmad	3	9/15

Sanskrit

MDES W1401 Elementary Sanskrit, I and II. 4 points.

An introduction to classical Sanskrit. Grammar and reading of texts.

Fall 2014: MDES W1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1401	001/76368	M T W Th 9:00am - 9:50am 116 Knox Hall	Guy Leavitt	4	13

MDES W1404 Intermediate Sanskrit, I and II. 4 points.

Reading and grammatical analysis of a literary text, chosen from the dramatic and narrative tradition.

Fall 2014: MDES W1404

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1404	001/77189	M W 11:10am - 1:00pm 326 International Affairs Bldg	Guy Leavitt	4	5/18

MDES W4810 Advanced Sanskrit, I and II. 4 points.

Prerequisites: Two years of Sanskrit or instructor permission. The two levels of advanced Sanskrit are typically given in alternate years. In 2014-15, *kavya* and *alankarasastra* will be offered; in 2015-16, *mimamsa* and *nyaya*. Final examinations are required of all students in the first year of Advanced Sanskrit. In the second year, students may opt to prepare a research project in lieu of the examination. This may be a research paper, a book or articles review, a bibliographical study, a translation, or whatever will advance the student's research capabilities.

Fall 2014: MDES W4810

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 4810	001/27780	T Th 11:00am - 12:50pm 418 Knox Hall	Sheldon Pollock	4	9

Tamil

MDES W1101 Elementary Tamil, I and II. 4 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.

Fall 2014: MDES W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1101	001/62253	M W 2:10pm - 4:00pm 352c International Affairs Bldg	D. Samuel	4	10/15

MDES 1101	001/62253	M W 2:10pm - 4:00pm 352c International Affairs Bldg	D. Samuel	4	10/15
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MDES W1102 Elementary Tamil, I and II. 4 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.

Spring 2015: MDES W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1102	001/76296	M W 2:10pm - 4:00pm 352c International Affairs Bldg	Stephane Charitos, D. Samuel	4	8/13

MDES W1201 Intermediate Tamil, I and II. 4 points.

Prerequisites: *TAML 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.

Fall 2014: MDES W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1201	001/68711	T Th 11:00am - 12:50pm 352c International Affairs Bldg	D. Samuel	4	4/15

MDES W1202 Intermediate Tamil, I and II. 4 points.

Prerequisites: *TAML 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.

Spring 2015: MDES W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MDES 1202	001/60063	T Th 11:00am - 12:50pm 352c International Affairs Bldg	Stephane Charitos, D. Samuel	4	4/15

TAML W4111 Advanced Tamil, I and II. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: *TAML W1201-1202* or instructor's permission
 Introduces students develops to advanced grammatical and syntactical structures of the Tamil language in order to allow them to function adequately in a Tamil-speaking environment. These courses are of particular interest to students planning to conduct scholarly research or fieldwork in their chosen specialty in a Tamil-speaking context. These courses also develop a student's appreciation for the rich culture of the Indian subcontinent where Tamil is spoken.

TAML W4112 Advanced Tamil, I and II. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: *TAML W1201-1202* or instructor's permission
 Introduces students develops to advanced grammatical and syntactical structures of the Tamil language in order to allow them to function adequately in a Tamil-speaking environment. These courses are of particular interest to students planning to conduct scholarly research or fieldwork in their chosen specialty in a Tamil-speaking context. These courses also develop a student's appreciation for the rich culture of the Indian subcontinent where Tamil is spoken.

Pulaar

PULA W1101 Elementary Pulaar, I and II. 4 points.

These courses offer students an introduction to the basic structures of Pulaar, a major language of West Africa.

PULA W1102 Elementary Pulaar, I and II. 4 points.

These courses offer students an introduction to the basic structures of Pulaar, a major language of West Africa.

PULA W1201 Intermediate Pulaar, I and II. 4 points.

Prerequisites: *PULA W1101-W1102* or the instructor's permission.
 These courses further develop a student's knowledge of Pulaar, a major language of West Africa.

PULA W1202 Intermediate Pulaar, I and II. 4 points.

Prerequisites: *PULA W1101-W1102* or the instructor's permission.
 These courses further develop a student's knowledge of Pulaar, a major language of West Africa.

SWHL W1101 Elementary Swahili, I and II. 4 points.

Essentials of grammar, basic vocabulary, practice in speaking and reading Swahili the most widely used indigenous language of East Africa.

Fall 2014: SWHL W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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SWHL 1101	001/69641	M T W Th 9:00am - 9:50am 253 International Affairs Bldg	Abdul Nanji	4	15/15
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SWHL 1101	002/21245	T Th 6:10pm - 8:00pm 114 Knox Hall	Jane Clayton	4	6/15
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SWHL W1102 Elementary Swahili, I and II. 4 points.

Essentials of grammar, basic vocabulary, practice in speaking and reading Swahili the most widely used indigenous language of East Africa.

Spring 2015: SWHL W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 1102	001/16745	M T W Th 9:00am - 9:50am 253 International Affairs Bldg	Abdul Nanji	4	8/15
SWHL 1102	002/12354	T Th 6:10pm - 8:00pm 114 Knox Hall	Jane Clayton	4	6/15

SWHL W1201 Intermediate Swahili, I and II. 4 points.

Prerequisites: *SWHL 1101-1102* or instructor's permission
 A review of the essentials of Swahili grammar; detailed analysis of Swahili texts; practice in conversation.

Fall 2014: SWHL W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 1201	001/12663	M T W Th 10:00am - 10:50am 402 Hamilton Hall	Abdul Nanji	4	7/15

SWHL W1202 Intermediate Swahili, I and II. 4 points.

Prerequisites: *SWHL 1101-1102* or instructor's permission
 A review of the essentials of Swahili grammar; detailed analysis of Swahili texts; practice in conversation.

Spring 2015: SWHL W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SWHL 1202	001/75010	M T W Th 10:00am - 10:50am 402 Hamilton Hall	Abdul Nanji	4	8/15

SWHL W3335 Advanced Swahili, I and II. 3-4 points.

Prerequisites: *SWHL W1201-W1202* or instructor's permission.
 An introduction to the advanced syntactical, morphological, and grammatical structures of Swahili grammar; detailed analysis of Swahili texts; practice in conversation.

Fall 2014: SWHL W3335

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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SWHL 001/20330 T Th 12:10pm - 2:00pm Abdul 3-4 4/15
3335 414 Knox Hall Nanji

SWHL W3336 Advanced Swahili, I and II. 3-4 points.

Prerequisites: *SWHL W1201-W1202* or instructor's permission.

An introduction to the advanced syntactical, morphological, and grammatical structures of Swahili grammar; detailed analysis of Swahili texts; practice in conversation.

Spring 2015: SWHL W3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SWHL 3336	001/29428	T Th 12:10pm - 2:00pm 414 Knox Hall	Abdul Nanji	3-4	4/15
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WLOF N0101 Elementary Wolof, I and II. 0 points.

Same course as Wolof W1101x - W1102y, on a noncredit basis

WLOF N0102 Elementary Wolof, I and II. 0 points.

Same course as Wolof W1101x - W1102y, on a noncredit basis

WLOF W1101 Elementary Wolof, I and II. 4 points.

Introduction to the basic grammatical structures of Wolof, a major language of West Africa spoken in Senegal and Gambia.

Fall 2014: WLOF W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 1101	001/87280	M T W Th 12:00pm - 12:50pm 255 International Affairs Bldg	Mariame Sy	4	2/15

WLOF W1102 Elementary Wolof, I and II. 4 points.

Introduction to the basic grammatical structures of Wolof, a major language of West Africa spoken in Senegal and Gambia.

Spring 2015: WLOF W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 1102	001/14374	M 10:00am - 10:50am Room TBA	Stephane Charitos, Mariame Sy	4	2
WLOF 1102	001/14374	T W Th 12:00pm - 12:50pm Room TBA	Stephane Charitos, Mariame Sy	4	2

WLOF W1201 Intermediate Wolof, I and II. 4 points.

Prerequisites: *WLOF W1101-W1102* or the instructor's permission.

Further develop a student's knowledge of Wolof, a major language of West Africa spoken primarily in Senegal and Gambia.

Fall 2014: WLOF W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 1201	001/75078	T 10:00am - 12:00pm 310 Knox Hall	Mariame Sy	4	3/15
WLOF 1201	001/75078	W 1:00pm - 1:50pm 310 Knox Hall	Mariame Sy	4	3/15
WLOF 1201	001/75078	M 9:10am - 10:00am 310 Knox Hall	Mariame Sy	4	3/15

WLOF W1202 Intermediate Wolof, I and II. 4 points.

Prerequisites: *WLOF W1101-W1102* or the instructor's permission.

Further develop a student's knowledge of Wolof, a major language of West Africa spoken primarily in Senegal and Gambia.

Spring 2015: WLOF W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WLOF 1202	001/18231		Mariame Sy	4	2

ZULU W1101 Elementary Zulu, I and II. 4 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 2014: ZULU W1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1101	001/25413	Th 6:10pm - 8:00pm 112 Knox Hall	John Zuzo	4	1/15
ZULU 1101	001/25413	M 8:10pm - 10:00pm 112 Knox Hall	John Zuzo	4	1/15

ZULU W1102 Elementary Zulu, I and II. 4 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.

Spring 2015: ZULU W1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1102	001/82946	M T W Th F 11:35am - 12:25pm Room TBA	Stephane Charitos, Sandra Sanneh	4	1/20

ZULU W1201 Intermediate Zulu, I and II. 4 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 2014: ZULU W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1201	001/11382	M 6:10pm - 8:00pm 112 Knox Hall	John Zuzo	4	1/15
ZULU 1201	001/11382	Th 8:10pm - 10:00pm 112 Knox Hall	John Zuzo	4	1/15

ZULU W1202 Intermediate Zulu, I and II. 4 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.

Spring 2015: ZULU W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 1202	001/92496	M T W Th F 10:30am - 11:20am Room TBA	Stephane Charitos, Sandra Sanneh	4	0/20

ZULU W3335 Advanced Zulu, I and II. 3 points.

Prerequisites: *ZULU W1201-W1202* or 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 2014: ZULU W3335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ZULU 3335	001/64837	T Th 2:40pm - 3:55pm 352b International Affairs Bldg	Stephane Charitos	3	0/20

ZULU W3336 Advanced Zulu, I and II. 3 points.

Prerequisites: *ZULU W1201-W1202* or 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.

Spring 2015: ZULU W3336

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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ZULU 3336	001/76529	T Th 2:40pm - 3:55pm 352b International Affairs Bldg	Stephane Charitos, Sandra Sanneh	3	0
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OF RELATED INTEREST

History

HIST W3760 Main Currents In African History

History (Barnard)

HIST BC3855 Decolonization: Studies in Political Thought and Political History

MUSIC

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 (Fall 2014); Prof. Walter Frisch, 613 Dodge; 212-854-1256;
wf8@columbia.edu (Spring 2015)

Music Performance Program Director: Prof. 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 <http://www.music.columbia.edu/mpp> or contact Prof. 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, 212-851-9478, 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).

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 one point per semester for these courses as listed.

- *Columbia University Orchestra* – Jeffrey Milarsky, Conductor

See MUSI V1591 *University Orchestra*- MUSI V1592 *University Orchestra* for audition and activity information.

- *Chamber Music Ensemble* – Magdalena Stern-Baczewska, Director, Music Performance Program
 See MUSI V1598 Chamber Ensemble - MUSI V1599 Chamber Ensemble for audition and activity information.
- *Barnard-Columbia Chorus and Chamber Singers* – Gail Archer, Director
 See MUSI V1593 Barnard-Columbia Chorus - MUSI V1594 Barnard-Columbia Chorus and MUSI V1595 *Barnard-Columbia Chamber Singers* - MUSI V1596 Barnard-Columbia Chamber Singers for audition and activity information.
- *Collegium Musicum* – Anne Levitsky, Director
 See MUSI V1580 *Collegium Musicum* - MUSI V1581 Collegium Musicum for audition and activity information.
- *Jazz Ensembles* – Christopher Washburne, Director
 See MUSI V1618 Columbia University Jazz Ensemble - MUSI V1619 Columbia University Jazz Ensemble for audition and activity information.
- *World Music Ensembles* – Ana Maria Ochoa, Director, Center for Ethnomusicology
 See the Music Performance website for audition and activity information about all of the above as well as Bluegrass, Gagaku, Hogaku, Klezmer, Latin, Afro-Cuban, and Middle Eastern ensembles.

PRACTICE ROOMS

Piano practice rooms in the Broadway and East Campus dormitories may be reserved annually by students living in any of the Columbia University dormitories, at a nominal fee. Applications will be accepted during the second week of classes in the main Music Department office, 621 Dodge Hall. Schapiro Hall also has seven “walk-in” practice rooms that are assigned on a first-come, first-served basis. No fee is required for Schapiro Practice Rooms, and those are open to anyone with a valid CU or affiliate ID. The organ studio in St. Paul’s Chapel is available for organ practice for students taking organ lessons. Arrangements should be made with the associate in organ performance during the first week of classes.

GRADING

Courses in which a grade of D or lower has been received do not count toward the major or concentration requirements.

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 the graduating majors in the department each year may receive departmental honors.

FACULTY PROFESSORS

- Susan Boynton
- Joseph Dubiel
- Walter Frisch
- Brad Garton
- Georg Friedrich Haas
- Ellie Hisama
- Fred Lerdahl
- George Lewis
- Elaine Sisman

ASSOCIATE PROFESSORS

- Aaron Fox
- Giuseppe Gerbino
- Ana Maria Ochoa
- Christopher Washburne

ASSISTANT PROFESSORS

- Sophia di Castri
- Kevin A. Fellezs
- Mariusz Kozak
- Benjamin Steege

COORDINATOR OF MUSICIANSHIP

- Peter Susser

LECTURERS

- Melissa Bilal
- Deborah Bradley-Kramer
- Julia Doe
- Ashley Fure
- Jeffrey Milarsky
- Ashley Nail
- Martha Newland
- Bryan Parkhurst
- Magdalena Stern-Baczewska

ASSOCIATES IN MUSIC PERFORMANCE

- Sarah Adams
- Gail Archer (Barnard)
- Eliot Bailen
- Bruce Barth
- Cyrus S. Beroukhim
- Allen Blustine
- Vicki Bodner
- Paul Bollenback

- Yari Bond
- Patrick Calleo
- Marco Cappelli
- Vince Cherico
- Christine Correa
- Sebastian Cruz
- Adriano dos Santos
- Amir Elsaffar
- David Fulmer
- Brad Gemeinhardt
- John David Gibson
- June Han
- Brad Jones
- Sue Ann Kahn
- Arthur Kampela
- James Kerr
- Lisa Kim
- Min-Young Kim
- Victor Lin
- Ole Mathisen
- Andy Milne
- Tony Moreno
- Ah-Ling Neu
- Ugonna Okegwo
- Niels J. Østbye
- Muneko Otani
- Susan Palma-Nidel
- Richard Rood
- Susan Rotholz
- Louise Sasaki
- John Nyoraku Schlefer
- Michael Seltzer
- Don Sickler
- Raymond Stewart
- Michael Skelly
- Wendy Sutter
- Jessica Thompson
- Masayo Ishigure Tokue
- Leo Traversa
- Michael Truesdell
- Reiko Uchida
- Jeffrey Warschauer
- James Wilson

ON LEAVE

- Profs. Gerbino, Steege (*2014-2015*)
- Profs. Frisch, Lerdahl (*Fall 2014*)
- Prof. Ochoa (*Spring 2015*)

REQUIREMENTS MAJOR IN MUSIC

A program of study should be planned with the director of undergraduate studies in the first semester of sophomore year. Students planning to focus on a particular area (e.g., computer music, composition, ethnomusicology, music theory, or music history) may wish to select a faculty adviser in that area. Prospective music majors are advised to satisfy the following prerequisites as early as possible: MUSI V1002 Fundamentals of Music and MUSI V1312 Introductory Ear Training. These requirements may be fulfilled either through successful completion of the courses or through satisfactory performance on exemption exams administered at the beginning of each semester by the department.

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 W1517 Keyboard Harmony and Musicianship*- *MUSI W1518 Keyboard Harmony and Musicianship* for 1 point each term. For students who plan to do graduate work in music, studying German, French, Italian, and/or Latin is recommended.

The major requires a minimum of 40 points including:

MUSI V2318 Music Theory I
- MUSI and Music Theory II
V2319

MUSI V3321 Music Theory III
- MUSI and Music Theory IV
V3322

Select four terms of ear training from the following:

MUSI Ear Training, I
V2314 and Ear Training, II
- MUSI
V2315

MUSI Ear Training, III
V3316 and Ear Training, IV
- MUSI
V3317

MUSI Ear Training, V
W4318

MUSI V3128 History of Western Music I: Middle Ages
- MUSI To Baroque
V3129 and History of Western Music II: Classical
To the 20th Century

MUSI V3400 Topics in Music and Society

At least two 3000 - or 4000 -level electives

The remaining points are to be earned through 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 instrumental or vocal lessons or participation for a letter grade in

MUSI V1591 University Orchestra
- MUSI and University Orchestra
V1592

MUSI V1598 Chamber Ensemble
- MUSI and Chamber Ensemble
V1599

MUSI V1618 Columbia University Jazz Ensemble
- MUSI and Columbia University Jazz Ensemble
V1619

MUSI V1624 and World Music Ensemble
- MUSI
V1625

3. *MUSI W1517 Keyboard Harmony and Musicianship*-
MUSI W1518 Keyboard Harmony and Musicianship ,
when necessary, count against the 4-point maximum in
performance before any other lessons

CONCENTRATION IN MUSIC

A program of study should be planned with the director of undergraduate studies in the first semester of sophomore year. All concentrators must consult the director of undergraduate studies each term before registering. Prospective music concentrators are advised to satisfy the following prerequisites as early as possible: *MUSI V1002 Fundamentals of Music* and *MUSI V1312 Introductory Ear Training*. These requirements may be fulfilled either through successful completion of the courses or satisfactory performance on exemption examinations administered at the beginning of each semester by the department.

The concentration requires a minimum of 28 points including:

MUSI V2318 Music Theory I
- MUSI and Music Theory II
V2319

MUSI V3321 Music Theory III
- MUSI and Music Theory IV
V3322

Select four terms of ear training from the following:

MUSI Ear Training, I
V2314 and
- MUSI
V2315

MUSI Ear Training, III
V3316 and Ear Training, IV
- MUSI
V3317

MUSI Ear Training, V
W4318 and (if offered)
- MUSI
W4319

MUSI V3128 History of Western Music I: Middle Ages
- MUSI To Baroque
V3129 and History of Western Music II: Classical
To the 20th Century

MUSI V3400 Topics in Music and Society

At least one additional course at the 3000- or 4000- level

No more than 4 points of instrumental or vocal lessons or participation for a letter grade in:

MUSI University Orchestra
V1591 and University Orchestra
- MUSI
V1592

MUSI Chamber Ensemble
V1598 and Chamber Ensemble
- MUSI
V1599

MUSI Columbia University Jazz Ensemble
V1618 and Columbia University Jazz Ensemble
- MUSI
V1619

MUSI and World Music Ensemble
V1624
- MUSI
V1625

MUSI W1517 Keyboard Harmony and Musicianship
- MUSI and Keyboard Harmony and Musicianship
W1518 *

* When necessary, count against the 4-point maximum in performance before any other lessons

SPECIAL CONCENTRATION IN JAZZ STUDIES

Students interested in a special concentration in jazz studies should see *Jazz Studies*.

COURSES

MUSI V1002 Fundamentals of Music. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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. (Through Spring 2014, this course was entitled Fundamentals of Western Music.)

Fall 2014: MUSI V1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/72907	M W 4:10pm - 5:25pm 622 Dodge Building	Richard Porterfield	3	11/25
MUSI 1002	002/71648	T Th 4:10pm - 5:25pm 622 Dodge Building	Carl Bettendorf	3	23/25

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1002	001/63000	M W 4:10pm - 5:25pm 622 Dodge Building	Richard Porterfield	3	16/30
MUSI 1002	002/76199	T Th 4:10pm - 5:25pm 622 Dodge Building	Carl Bettendorf	3	14/30

Spring 2015: MUSI V1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/65180	M W 12:10pm - 1:00pm 803 Dodge Building	Michael Joviala	1	12/12
MUSI 1312	002/70784	T Th 3:10pm - 4:00pm 814 Dodge Building	Carl Bettendorf	1	7/12

MUSI V1312 Introductory Ear Training. 1 point.
Lab Required

A student may place into a higher level of this course by passing an examination given on the first day of the class. V1312 is an introduction to basic skills in sight reading. Instruction includes reading rhythms in simple meter, solfège recitation, and sight-singing simple melodies.

Fall 2014: MUSI V1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1312	001/13255	M W 12:10pm - 1:00pm 404 Dodge Building	Michael Joviala	1	9/12
MUSI 1312	002/16173	T Th 3:10pm - 4:00pm 814 Dodge Building	Carl Bettendorf	1	6/12
MUSI 1312	003/20221	T Th 12:10pm - 1:00pm 716 Hamilton Hall	Michael Joviala	1	10

Spring 2015: MUSI V1312

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1500	001/67797		Kenneth Cooper	1-2	0/2
MUSI 1500	002/11251		Rosamund Morley	1-2	0/2

MUSI W1500 Early Instruments. 1-2 points.

Keyboards: K. Cooper. **Strings:** R. Morley. **Wind instruments:** TBA. Prerequisite: an audition to be held during registration period in 618 Dodge. Contact the Music Performance Program for further details (854-1257) or access the Music Performance Program from the Music Department web page: www.music.columbia.edu.

Fall 2014: MUSI W1500

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI W1501	001/67797		Kenneth Cooper	1-2	0/2
MUSI W1501	002/11251		Rosamund Morley	1-2	0/2

MUSI W1501 Early Instruments. 1-2 points.

Keyboards: K. Cooper. **Strings:** R. Morley. **Wind instruments:** TBA. Prerequisite: an audition to be held during registration period in 618 Dodge. Contact the Music Performance Program for further details (854-1257) or access the Music Performance Program from the Music Department web page: www.music.columbia.edu.

Spring 2015: MUSI W1501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1501	001/10153		Kenneth Cooper	1-2	0
MUSI 1501	002/10486		Rosamund Morley	1-2	0

MUSI W1509 Organ Instruction. 1-2 points.

Prerequisite: the instructor's permission.

Fall 2014: MUSI W1509

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1509	001/63271		Paul Martin Maki	1-2	1/10
MUSI 1509	002/69000		Paul Martin Maki	1-2	1/10

MUSI W1510 Organ Instruction. 1-2 points.

Prerequisite: the instructor's permission.

Spring 2015: MUSI W1510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1510	001/28626		Paul Martin Maki	1-2	1
MUSI 1510	002/28749		Paul Martin Maki	1-2	2

MUSI W1513 Introduction To Piano. 1 point.

Prerequisite: the instructor's permission.

Fall 2014: MUSI W1513

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1513	001/26887		Niels Ostbye	1	27/50
MUSI 1513	002/64011		Michael Skelly	1	18/50
MUSI 1513	003/75227		Reiko Uchida	1	0/50
MUSI 1513	004/61149		Niels Ostbye	1	6/50
MUSI 1513	006/10760		Michael Skelly	1	4/50

MUSI 007/65537
1513

Reiko Uchida 1 0/50

MUSI W1514 Introduction To Piano. 1 point.

Prerequisite: the instructor's permission.

Spring 2015: MUSI W1514

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1514	001/76116		Niels Ostbye	1	5
MUSI 1514	002/62880		Michael Skelly	1	4
MUSI 1514	003/65334		Reiko Uchida	1	1
MUSI 1514	004/23456		Deborah Bradley-Kramer	1	0
MUSI 1514	005/61453		Niels Ostbye	1	30
MUSI 1514	006/62500		Michael Skelly	1	10
MUSI 1514	007/66049		Reiko Uchida	1	0
MUSI 1514	008/68250		Deborah Bradley-Kramer	1	0

MUSI W1515 Elementary Piano Instruction. 1-2 points.

Prerequisites: *MUSI W1513-W1514* or the equivalent, and the instructor's permission.

Fall 2014: MUSI W1515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1515	001/19084		Niels Ostbye	1-2	2/50
MUSI 1515	002/24588		Michael Skelly	1-2	2/50
MUSI 1515	003/26627		Reiko Uchida	1-2	0/50
MUSI 1515	007/22673		Reiko Uchida	1-2	0/50

MUSI W1516 Elementary Piano Instruction. 1-2 points.

Prerequisites: *MUSI W1513-W1514* or the equivalent, and the instructor's permission.

Spring 2015: MUSI W1516

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1516	001/69419		Niels Ostbye	1-2	0
MUSI 1516	002/15512		Michael Skelly	1-2	7
MUSI 1516	003/60692		Reiko Uchida	1-2	0

MUSI 004/24446
1516

Deborah 1-2 0
Bradley-
Kramer

MUSI W1517 Keyboard Harmony and Musicianship. 1 point.

Prerequisite: the instructor's permission. Lessons emphasize the progressive development of a harmonic vocabulary representative of the techniques of the central tradition of 18th- and 19th-century music.

Fall 2014: MUSI W1517

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1517	001/15902		Niels Ostbye	1	0/50
MUSI 1517	002/69571		Michael Skelly	1	0/50
MUSI 1517	004/60153		Michael Skelly	1	9/50

MUSI W1518 Keyboard Harmony and Musicianship. 1 point.

Prerequisite: the instructor's permission. Lessons emphasize the progressive development of a harmonic vocabulary representative of the techniques of the central tradition of 18th- and 19th-century music.

Spring 2015: MUSI W1518

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1518	001/28964		Niels Ostbye	1	4
MUSI 1518	002/24465		Michael Skelly	1	10
MUSI 1518	003/82298		Niels Ostbye	1	0
MUSI 1518	004/83351		Michael Skelly	1	0

MUSI W1525 Instrumental Instruction. 1-2 points.

Prerequisite: an audition to be held during the registration period in 618 Dodge. Contact the Music Performance Program for further details (212-854-1257) and Music Performance Program from the Music Dept web page at music.columbia.edu. Students participating in the orchestra are given preference when applying for private instrumental instruction.

Fall 2014: MUSI W1525

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1525	001/29194		Marc Goldberg	1-2	0/25
MUSI 1525	002/27967		Eliot Bailen	1-2	2/25

MUSI 003/62864
1525

MUSI 004/11893
1525

MUSI 005/25846
1525

MUSI 006/22612
1525

MUSI 007/62786
1525

MUSI 008/14313
1525

MUSI 009/71311
1525

MUSI 010/76314
1525

MUSI 011/13321
1525

MUSI 012/14835
1525

MUSI 013/64732
1525

MUSI 014/23319
1525

MUSI 015/23082
1525

MUSI 016/64242
1525

MUSI 017/60992
1525

MUSI 018/75210
1525

MUSI 019/16490
1525

MUSI 020/74740
1525

MUSI 021/73266
1525

MUSI 022/72941
1525

MUSI 023/15784
1525

MUSI 024/69630
1525

MUSI 025/73980
1525

MUSI 026/70790
1525

MUSI 027/29781
1525

MUSI 028/73530
1525

MUSI 029/65830
1525

MUSI 030/28629
1525

MUSI 031/62242
1525

Yari Bond 1-2 3/25

Raman 1-2 0/25
Ramakrishnan

James 1-2 2/25
Wilson

Wendy 1-2 0/25
Sutter

Allen 1-2 1/25
Blustine

Jessica 1-2 0/25
Rieske

Sue Anne 1-2 2/25
Kahn

Susan 1-2 0/25
Palma-Nidel

Susan 1-2 1/25
Rotholz

Brad 1-2 0/25
Gemeinhardt

Arthur 1-2 4/25
Kampela,
Marco

Cappelli

Paul 1-2 0/25
Cohen

June Han 1-2 1/25

Kenneth 1-2 0/25
Cooper

Vicki 1-2 0/25
Bodner

Michael 1-2 1/25
Truesdell

Lou 1-2 2/25
Kosma

Michael 1-2 0/25
Seltzer

Gareth 1-2 0/25
Flowers

Raymond 1-2 0/25
Stewart

Sarah 1-2 1/25
Adams

Ah-ling 1-2 1/25
Neu

Jessica 1-2 0/25
Thompson

Cyrus 1-2 2/25
Beroukhim

David 1-2 2/25
Fulmer

Lisa Kim 1-2 1/25

Muneko 1-2 4/25
Otani

Richard 1-2 2/25
Rood

Bradley 1-2 1/25
Jones

MUSI 1525	032/76444	Ugonna Okegwo	1-2	2/25
MUSI 1525	033/27566	Paul Bollenback	1-2	2/25
MUSI 1525	034/68765	Anthony Moreno	1-2	3/25
MUSI 1525	035/27724	Vince Cherico	1-2	2/25
MUSI 1525	036/71230	Adriano dos Santos	1-2	0/25
MUSI 1525	037/60068	Andy Milne	1-2	1/25
MUSI 1525	038/72995	Bruce Barth	1-2	2/25
MUSI 1525	039/60993	Ole Mathisen	1-2	4/25
MUSI 1525	040/77372	John David Gibson	1-2	2/25
MUSI 1525	041/18235	Don Sickler	1-2	3/25
MUSI 1525	042/26813	Christine Correa	1-2	5/25
MUSI 1525	043/73498	Leo Traversa	1-2	1/25
MUSI 1525	061/21458	Michael Truesdell	1-2	2/25
MUSI 1525	063/17047	Michael Seltzer	1-2	2/25
MUSI 1525	069/71726	Cyrus Beroukhim	1-2	2/25
MUSI 1525	070/11815	David Fulmer	1-2	3/25
MUSI 1525	073/77601	Richard Rood	1-2	1/25
MUSI 1525	074/13047	Bradley Jones	1-2	1/25
MUSI 1525	075/12575	Ugonna Okegwo	1-2	2/25
MUSI 1525	076/62812	Paul Bollenback	1-2	5/25
MUSI 1525	077/72205	Anthony Moreno	1-2	3/25
MUSI 1525	078/72301	Vince Cherico	1-2	2/25
MUSI 1525	080/61249	Bruce Barth	1-2	12/25
MUSI 1525	081/14709	Andy Milne	1-2	4/25
MUSI 1525	082/65664	Ole Mathisen	1-2	6/25
MUSI 1525	084/27448	Don Sickler	1-2	2/25
MUSI 1525	085/65999	Christine Correa	1-2	3/25
MUSI 1525	086/70996	Leo Traversa	1-2	3/25
MUSI 1525	087/68460	Ole Mathisen	1-2	1
MUSI 1525	088/66899	Ole Mathisen	1-2	1

MUSI 1525	089/72048	Don Sickler	1-2	0
MUSI 1525	091/85285	Victor Lin	1-2	0

MUSI W1526 Instrumental Instruction. 1-2 points.

Prerequisite: an audition to be held during the registration period in 618 Dodge. Contact the Music Performance Program for further details (212-854-1257) and Music Performance Program from the Music Dept web page at music.columbia.edu. Students participating in the orchestra are given preference when applying for private instrumental instruction.

Spring 2015: MUSI W1526

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1526	001/61226		Marc Goldberg	1-2	0
MUSI 1526	002/26704		Eliot Bailen	1-2	1
MUSI 1526	003/23694		Yari Bond	1-2	2
MUSI 1526	004/15045		Raman Ramakrishnan	1-2	0
MUSI 1526	005/15976		James Wilson	1-2	2
MUSI 1526	006/76293		Wendy Sutter	1-2	0
MUSI 1526	007/10040		Allen Blustine	1-2	1
MUSI 1526	008/77116		Jessica Rieske	1-2	0
MUSI 1526	009/63222		Sue Anne Kahn	1-2	1
MUSI 1526	010/60545		Susan Palma-Nidel	1-2	1
MUSI 1526	011/11852		Susan Rotholz	1-2	2
MUSI 1526	012/14131		Brad Gemeinhardt	1-2	0
MUSI 1526	013/18327		Arthur Kampela, Marco Cappelli	1-2	6
MUSI 1526	014/68502		Paul Cohen	1-2	0
MUSI 1526	015/60664		June Han	1-2	1
MUSI 1526	016/69015		Kenneth Cooper	1-2	0
MUSI 1526	017/26728		Vicki Bodner	1-2	2
MUSI 1526	018/22793		Michael Truesdell	1-2	1
MUSI 1526	019/14367		Lou Kosma	1-2	1
MUSI 1526	020/69066		Michael Seltzer	1-2	1

MUSI 1526	021/10924	Gareth Flowers	1-2	0	MUSI 1526	051/13748	Sue Anne Kahn	1-2	0
MUSI 1526	022/67747	Raymond Stewart	1-2	0	MUSI 1526	052/16750	Susan Palma- Nidel	1-2	0
MUSI 1526	023/15843	Sarah Adams	1-2	0	MUSI 1526	053/23301	Susan Rotholz	1-2	0
MUSI 1526	024/72903	Ah-ling Neu	1-2	1	MUSI 1526	054/27299	Brad Gemeinhardt	1-2	0
MUSI 1526	025/77052	Jessica Thompson	1-2	0	MUSI 1526	055/28348	Arthur Kampela, Marco Cappelli	1-2	0
MUSI 1526	026/61945	Cyrus Beroukhim	1-2	2	MUSI 1526	056/25966	Paul Cohen	1-2	0
MUSI 1526	027/65569	David Fulmer	1-2	3	MUSI 1526	057/88975	June Han	1-2	1
MUSI 1526	028/18792	Lisa Kim	1-2	1	MUSI 1526	058/62253	Kenneth Cooper	1-2	0
MUSI 1526	029/62105	Muneko Otani	1-2	4	MUSI 1526	059/22558	Vicki Bodner	1-2	0
MUSI 1526	030/64945	Richard Rood	1-2	1	MUSI 1526	060/27454	Michael Truesdell	1-2	1
MUSI 1526	031/25837	Bradley Jones	1-2	1	MUSI 1526	061/28035	Lou Kosma	1-2	0
MUSI 1526	032/68355	Ugonna Okegwo	1-2	1	MUSI 1526	062/88028	Michael Seltzer	1-2	0
MUSI 1526	033/68580	Paul Bollenback	1-2	4	MUSI 1526	063/60860	Gareth Flowers	1-2	0
MUSI 1526	034/65365	Anthony Moreno	1-2	2	MUSI 1526	064/94294	Raymond Stewart	1-2	0
MUSI 1526	035/12079	Vince Cherico	1-2	1	MUSI 1526	065/69700	Sarah Adams	1-2	1
MUSI 1526	036/68105	Adriano dos Santos	1-2	1	MUSI 1526	066/78536	Ah-ling Neu	1-2	0
MUSI 1526	037/74876	Bruce Barth	1-2	11	MUSI 1526	067/89035	Jessica Thompson	1-2	0
MUSI 1526	038/14384	Ole Mathisen	1-2	6	MUSI 1526	068/79699	Cyrus Beroukhim	1-2	3
MUSI 1526	039/17566	John David Gibson	1-2	1	MUSI 1526	069/10036	David Fulmer	1-2	2
MUSI 1526	040/22033	Don Sickler	1-2	2	MUSI 1526	070/14286	Lisa Kim	1-2	0
MUSI 1526	041/10049	Christine Correa	1-2	3	MUSI 1526	071/28038	Muneko Otani	1-2	0
MUSI 1526	042/27427	Leo Traversa	1-2	3	MUSI 1526	072/29607	Richard Rood	1-2	1
MUSI 1526	043/96498	Marc Goldberg	1-2	0	MUSI 1526	073/60861	Bradley Jones	1-2	0
MUSI 1526	044/97850	Eliot Bailen	1-2	1	MUSI 1526	074/22222	Ugonna Okegwo	1-2	2
MUSI 1526	045/78285	Yari Bond	1-2	1	MUSI 1526	075/63464	Paul Bollenback	1-2	1
MUSI 1526	046/82284	Raman Ramakrishnan	1-2	0	MUSI 1526	076/62789	Anthony Moreno	1-2	0
MUSI 1526	047/85538	James Wilson	1-2	0	MUSI 1526	077/61101	Vince Cherico	1-2	0
MUSI 1526	048/70950	Wendy Sutter	1-2	0	MUSI 1526	078/62001	Adriano dos Santos	1-2	0
MUSI 1526	049/18458	Allen Blustine	1-2	0	MUSI 1526	079/67799	Bruce Barth	1-2	2
MUSI 1526	050/10849	Jessica Rieske	1-2	0					

MUSI 1526	080/75800	Ole Mathisen	1-2	2
MUSI 1526	081/11290	John David Gibson	1-2	1
MUSI 1526	082/76755	Don Sickler	1-2	2
MUSI 1526	083/78403	Christine Correa	1-2	5
MUSI 1526	084/82848	Leo Traversa	1-2	0
MUSI 1526	085/11285	Andy Milne	1-2	3
MUSI 1526	086/68459	James Kerr	1-2	2
MUSI 1526	087/86552	Andy Milne	1-2	1
MUSI 1526	088/90802	James Kerr	1-2	0

MUSI V1580 Collegium Musicum. 1 point.

May be taken for Pass credit only. Prerequisite: an audition to be held during the registration period. Contact the department for further details (854-3825). Performance of vocal and instrumental music from the medieval, Renaissance, and baroque periods. The Collegium usually gives one public concert each term.

Fall 2014: MUSI V1580

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1580	001/78533	M W 7:30pm - 10:00pm 404 Dodge Building	Anne Levitsky	1	8

MUSI V1581 Collegium Musicum. 1 point.

May be taken for Pass credit only. Prerequisite: an audition to be held during the registration period. Contact the department for further details (854-3825). Performance of vocal and instrumental music from the medieval, Renaissance, and baroque periods. The Collegium usually gives one public concert each term.

Spring 2015: MUSI V1581

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1581	001/60797	M W 7:30pm - 10:00pm 404 Dodge Building	Anne Levitsky	1	2

MUSI V1591 University Orchestra. 1 point.

Prerequisite: an audition to be held during registration period, by appointment at 618 Dodge. Contact the department for further details (854-5409). Students should bring two short works, or movements of longer works, of different stylistic periods; they will also be asked to read brief orchestral or chamber music excerpts at sight. The orchestra performs throughout the academic year in works spanning all periods of music including contemporary compositions. Distinguished

guest soloists sometimes perform with the orchestra, and qualified student soloists may also have the opportunity either to perform or read concertos with the orchestra. Staff positions: a few persons interested in managerial work may gain experience as orchestra librarian and personnel manager.

Fall 2014: MUSI V1591

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1591	001/25951	T 6:30pm - 9:30pm 555 Alfred Lerner Hall	Jeffrey Milarsky	1	76/100

MUSI V1592 University Orchestra. 1 point.

Prerequisite: an audition to be held during registration period, by appointment at 618 Dodge. Contact the department for further details (854-5409). Students should bring two short works, or movements of longer works, of different stylistic periods; they will also be asked to read brief orchestral or chamber music excerpts at sight. The orchestra performs throughout the academic year in works spanning all periods of music including contemporary compositions. Distinguished guest soloists sometimes perform with the orchestra, and qualified student soloists may also have the opportunity either to perform or read concertos with the orchestra. Staff positions: a few persons interested in managerial work may gain experience as orchestra librarian and personnel manager.

Spring 2015: MUSI V1592

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1592	001/66798	T 6:30pm - 9:30pm 555 Alfred Lerner Hall	Jeffrey Milarsky	1	73/75

MUSI V1593 Barnard-Columbia Chorus. 1 point.

Prerequisite: auditions by appointment made at first meeting. Contact Barnard College, Department of Music (854-5096). May be taken for Pass credit only. Membership in the chorus is open to all men and women in the University community. The chorus gives several public concerts each season, both on and off campus, often with other performing organizations. Sight-singing sessions offered. The repertory includes works from all periods of music literature. Students who register for chorus will receive a maximum of 4 points for four or more semesters.

Fall 2014: MUSI V1593

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1593	001/07743	T Th 6:05pm - 8:00pm 405 Milbank Hall	Gail Archer	1	4

MUSI V1594 Barnard-Columbia Chorus. 1 point.

Prerequisite: auditions by appointment made at first meeting. Contact Barnard College, Department of Music (854-5096). May be taken for Pass credit only. Membership in the chorus

is open to all men and women in the University community. The chorus gives several public concerts each season, both on and off campus, often with other performing organizations. Sight-singing sessions offered. The repertory includes works from all periods of music literature. Students who register for chorus will receive a maximum of 4 points for four or more semesters.

Spring 2015: MUSI V1594

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1594	001/05085	T Th 6:00pm - 8:00pm 405 Milbank Hall	Gail Archer	1	12

MUSI V1595 Barnard-Columbia Chamber Singers. 1 point.

Prerequisite: auditions by appointment made at first meeting. Contact Barnard College, Department of Music (854-5096). May be taken for Pass credit only. Membership in the chorus is open to all men and women in the University community. The chorus gives several public concerts each season, both on and off campus, often with other performing organizations. Sight-singing sessions offered. The repertory includes works from all periods of music literature.

Fall 2014: MUSI V1595

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1595	001/07745	T Th 8:00pm - 9:30pm 405 Milbank Hall	Gail Archer	1	5

MUSI V1596 Barnard-Columbia Chamber Singers. 1 point.

Prerequisite: auditions by appointment made at first meeting. Contact Barnard College, Department of Music (854-5096). May be taken for Pass credit only. Membership in the chorus is open to all men and women in the University community. The chorus gives several public concerts each season, both on and off campus, often with other performing organizations. Sight-singing sessions offered. The repertory includes works from all periods of music literature.

Spring 2015: MUSI V1596

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1596	001/05333	T Th 8:00pm - 9:30pm 405 Milbank Hall	Gail Archer	1	6

MUSI V1598 Chamber Ensemble. 1-2 points.

Prerequisite: an audition to be held during the registration period, by appointment at 618 Dodge. Contact the Music Performance Program for further details (854-1257). Students registering for chamber music receive ensemble training with the performance associates. Student chamber ensembles perform a recital at the conclusion of each semester and are

given other opportunities to perform throughout the academic year. See further mpp.columbia.edu for current list of Music Performance Associates.

Fall 2014: MUSI V1598

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1598	001/76534		Deborah Bradley-Kramer	1-2	4/50
MUSI 1598	002/21196		Patrick Calleo, Sarah Wolfson	1-2	3/50
MUSI 1598	003/81772		Arthur Kampela, Marco Cappelli	1-2	4/50
MUSI 1598	004/81783		Sarah Adams	1-2	7/50
MUSI 1598	005/92193		Eliot Bailen	1-2	6/50
MUSI 1598	006/13031		Allen Blustine	1-2	9/50
MUSI 1598	007/11649		Yari Bond	1-2	3/50
MUSI 1598	008/17449		Sue Anne Kahn	1-2	3/50
MUSI 1598	009/22447		Ah-ling Neu	1-2	4/50
MUSI 1598	010/26747		Muneko Otani	1-2	6/50
MUSI 1598	011/28648		Susan Palma-Nidel	1-2	4/50
MUSI 1598	012/29582		Raman Ramakrishnan	1-2	0/50
MUSI 1598	013/92078		Richard Rood	1-2	3/50
MUSI 1598	014/61033		Susan Rotholz	1-2	10/50
MUSI 1598	015/83534		Wendy Sutter	1-2	0/50
MUSI 1598	016/72200		Jessica Thompson	1-2	2/50
MUSI 1598	017/73331		James Wilson	1-2	3/50
MUSI 1598	018/27212		June Han	1-2	2/100
MUSI 1598	019/25539		Kenneth Cooper	1-2	7/100
MUSI 1598	020/29599		Vicki Bodner	1-2	0/100

MUSI V1599 Chamber Ensemble. 1-2 points.

Prerequisite: an audition to be held during the registration period, by appointment at 618 Dodge. Contact the Music Performance Program for further details (854-1257). Students registering for chamber music receive ensemble training with the performance associates. Student chamber ensembles

perform a recital at the conclusion of each semester and are given other opportunities to perform throughout the academic year. See further mpp.columbia.edu for current list of Music Performance Associates.

Spring 2015: MUSI V1599

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1599	001/81698		Deborah Bradley-Kramer	1-2	4/65
MUSI 1599	002/93698		Patrick Calleo, Sarah Wolfson	1-2	1/50
MUSI 1599	003/13285		Arthur Kampela, Marco Cappelli	1-2	2/50
MUSI 1599	004/16948		Sarah Adams	1-2	10/50
MUSI 1599	005/21148		Eliot Bailen	1-2	3/50
MUSI 1599	006/23199		Allen Blustine	1-2	5/50
MUSI 1599	007/28501		Yari Bond	1-2	2/50
MUSI 1599	008/63035		Sue Anne Kahn	1-2	2/50
MUSI 1599	009/60855		Ah-ling Neu	1-2	2/50
MUSI 1599	010/84537		Muneko Otani	1-2	7/50
MUSI 1599	011/15949		Susan Palma-Nidel	1-2	4/50
MUSI 1599	012/29788		Raman Ramakrishnan	1-2	0/50
MUSI 1599	013/63457		Richard Rood	1-2	2/50
MUSI 1599	014/60548		Susan Rotholz	1-2	9/50
MUSI 1599	015/62053		Wendy Sutter	1-2	0/50
MUSI 1599	016/63748		Jessica Thompson	1-2	0/50
MUSI 1599	017/67500		James Wilson	1-2	3/50
MUSI 1599	018/71904		June Han	1-2	3/50
MUSI 1599	019/77849		Kenneth Cooper	1-2	4/50
MUSI 1599	020/82747		Vicki Bodner	1-2	2/50

MUSI V1618 Columbia University Jazz Ensemble. 1-2 points.

Prerequisites: An audition to be held during the registration period, by appointment at 618 Dodge. Contact the Music Performance Program for further details (854-1257)

A small advanced jazz band. The repertoire will cover 1950's hard bop to more adventurous contemporary Avant Garde styles. Students will be required to compose and arrange for the group under the instructor's supervision.

Fall 2014: MUSI V1618

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1618	001/10179		Christine Correa	1-2	17/50
MUSI 1618	002/14933		Victor Lin	1-2	9/50
MUSI 1618	003/62997		Ole Mathisen	1-2	12/50
MUSI 1618	004/63954		Don Sickler	1-2	18/50
MUSI 1618	005/71273		Amir Elsaffar	1-2	10/50
MUSI 1618	006/12877		Bruce Barth	1-2	11/50

MUSI V1619 Columbia University Jazz Ensemble. 1-2 points.

Prerequisites: An audition to be held during the registration period, by appointment at 618 Dodge. Contact the Music Performance Program for further details (854-1257)

A small advanced jazz band. The repertoire will cover 1950's hard bop to more adventurous contemporary Avant Garde styles. Students will be required to compose and arrange for the group under the instructor's supervision.

Spring 2015: MUSI V1619

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1619	001/72107		Christine Correa	1-2	16/50
MUSI 1619	002/27595		Victor Lin	1-2	8/50
MUSI 1619	003/24045		Ole Mathisen	1-2	12/50
MUSI 1619	004/70007		Don Sickler	1-2	15/50
MUSI 1619	005/66585		Amir Elsaffar	1-2	9/50
MUSI 1619	006/22599		Bruce Barth	1-2	8/50

MUSI V1625 World Music Ensemble. 1 point.

Prerequisites: Permission of the instructor.

Introduce students to specific non-western and non-classical styles and cultures through active participation in group lessons and rehearsal, culminating each semester in at least one public performance. Ensembles offered are: Bluegrass; Japanese Gagaku; Klezmer; Latin Music.

Fall 2014: MUSI V1625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1625	001/69378		James Kerr	1	6/50
MUSI 1625	002/64945		Louise Sasaki	1	1/50
MUSI 1625	003/12679		Jeff Warschauer	1	2/50
MUSI 1625	004/60101		Adriano dos Santos	1	8/50
MUSI 1625	005/66787		James Schlefer, Masayo Tokue	1	7/50
MUSI 1625	006/17158		Amir Elsaffar	1	4/50

MUSI V1626 World Music Ensemble. 1 point.

Prerequisites: Permission of the instructor.

Introduce students to specific non-western and non-classical styles and cultures through active participation in group lessons and rehearsal, culminating each semester in at least one public performance. Ensembles offered are: Bluegrass; Japanese Gagaku; Klezmer; Latin Music.

Spring 2015: MUSI V1626

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 1626	001/77243		James Kerr	1	4/50
MUSI 1626	002/22454		Louise Sasaki	1	3/50
MUSI 1626	003/13159		Jeff Warschauer	1	2/50
MUSI 1626	004/14510		Sebastian Cruz	1	4/50
MUSI 1626	005/69898		James Schlefer	1	3/50
MUSI 1626	006/76749		Amir Elsaffar	1	6/50

MUSI V2010 Rock. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Prerequisite: *HUMA W1123* or the equivalent. Historical survey of rock music from its roots in the late 1940s to the present day.

MUSI V2016 Jazz. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

The musical and cultural features of jazz, beginning in 1900.

Spring 2015: MUSI V2016

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2016	001/74925	T Th 1:10pm - 2:25pm 310 Fayerweather	Christopher Washburne	3	112/104

MUSI V2020 Salsa, Soca, and Reggae: Popular Musics of the Caribbean. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART)., CC/GS/SEAS: Partial Fulfillment of Global Core Requirement
Not Offered During 2014-15 Academic Year.

A survey of the major syncretic urban popular music styles of the Caribbean, exploring their origins, development, and sociocultural context.

MUSI V2021 Popular Musics of the Americas: Music in Contemporary Native. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

"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 V2023 Beethoven. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: *HUMA W1123* 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 V2024 Mozart. 3 points.

Prerequisites: *HUMA W1123* or the equivalent.

The life, works, and cultural milieu of Wolfgang Amadeus Mozart, with emphasis on selected symphonies, string quartets, piano concertos, and operas.

MUSI V2025 The Opera. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

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 V2030 Jewish Music of New York. 3 points.

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. Diverse musical experiences will serve as a window to address wider questions of identity, memory, dislocation, and connections to New York's dynamic and eclectic music culture. We will experience the City's Jewish soundscape by visiting various venues and meeting key players in today's music scene, in order to engage in the ongoing dialogues that define Jewishness in New York. Although a basic familiarity with Judaism and/or music is helpful for this course, it is by no means required. You do not need to know Jewish history to take this class, nor do you need to be musically literate. All translations will be provided, and all musical analysis will be well explained.

Fall 2014: MUSI V2030

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2030	001/14312	M W 2:40pm - 3:55pm 716 Hamilton Hall	Tina Fruehauf	3	9

MUSI V2034 Music and Myth. 3 points.

The course explores the relationship between music and myth in Western culture, from ancient Greek cosmogony to 20th-century opera. Special emphasis is placed on the way the West, in the footsteps of the ancients, strove to create ritualized images of itself and of its worldview. Specific topics include works by Monteverdi, Gluck, Beethoven, Schubert, Liszt, Offenbach, Wagner, Strauss, and Stravinsky.

MUSI V2138 Music of Russia: A Survey. 3 points.

This course is detailed survey of Russian national and international composers from Glinka to Shostakovich, and will also address Russian realism, orientalism, the relationship between composers and poets of the Russian Symbolist era, the Ballets Russes, Soviet film music, and musical aesthetics. A knowledge of Russian is not required.

Fall 2014: MUSI V2138

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2138	001/63017	M W 11:40am - 12:55pm 405 Dodge Building	Deborah Bradley-Kramer	3	5

MUSI V2145 Russian Music from Glinka to Gubaidulina. 3 points.

Prerequisites: Previous coursework in music (including HUMA W1123) or permission of the instructor. Study of the principal musical trends and aesthetics of Russia's music from the 19th century to present which, in addition to art music, will also involve the study of opera, film, and ballet. Topics to be explored include the government's role in shaping a national music identity, the folk music that inspired much of Russia's art music, and the relationship between social realism and kitsch. Major composers studied: Glinka, Tchaikovsky, Rachmaninoff, Scriabin, Stravinsky, Shostakovich, and Prokofiev.

MUSI V2170 Music and dance from Romanticism to Mark Morris. 3 points.

An exploration of the music-dance relationship from Romanticism to Mark Morris. Specific topics to include Romanticism, Tchaikovsky, the Ballets Russes, Copland-Graham, Stravinsky-Balanchine, jazz/African-American traditions, Cage-Cunningham, and Mark Morris. Special attention will be paid to composer-choreographer collaboration; the interdependence of the musical and choreographic arts; and the role each art has played in the formal and aesthetic/historical development of the other

MUSI V2205 Introduction to Digital Music (Previously called MIDI Music Production Techniques). 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: *HUMA W1123* or the equivalent. Permission of the instructor required.

An introduction to the potential of digital synthesis by means of the MIDI (Musical Instrument Digital Interface). Teaches proficiency in elementary and advanced MIDI techniques. Challenges some of the assumptions about music built into the MIDI specifications and fosters a creative approach to using MIDI machines.

Fall 2014: MUSI V2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2205	001/77702	T Th 1:10pm - 2:25pm 318 Prentiss Hall	Bradford Garton	3	19/16

MUSI V2206 (Section 1) Introduction to Digital Music (Previously called MIDI Music Production Techniques). 3 points.

Prerequisites: HUMA W1123 or the equivalent. Permission of the Instructor Required.

An introduction to the potential of digital synthesis by means of the MIDI (Musical Instrument Digital Interface). Teaches proficiency in elementary and advanced MIDI techniques. Challenges some of the assumptions about music built into the MIDI specifications and fosters a creative approach to using MIDI machines.

Spring 2015: MUSI V2206 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2206	001/20479	T Th 1:10pm - 2:25pm 320h Prentis Hall	Nina Young	3	16/18

MUSI V2314 Ear Training, I. 1 point.

Designed to improve the student's basic skills in sight-singing, and rhythmic and melodic dictation with an introduction to four-part harmonic dictation.

Fall 2014: MUSI V2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/15174	M W 12:10pm - 1:00pm 814 Dodge Building	Richard Miller	1	10/12
MUSI 2314	002/21977	T Th 12:10pm - 1:00pm 814 Dodge Building	Carl Bettendorf	1	9/12

Spring 2015: MUSI V2314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2314	001/23335	M W 12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1	11/12
MUSI 2314	002/68428	T Th 12:10pm - 1:00pm 404 Dodge Building	Carl Bettendorf	1	14/12

MUSI V2315 Ear Training, II. 1 point.

Techniques of sight-singing and dictation of diatonic melodies in simple and compound meter with strong emphasis on harmonic dictation.

Fall 2014: MUSI V2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/76151	M W 3:10pm - 4:00pm 405 Dodge Building	Michael Joviala	1	12/12
MUSI 2315	002/61438	T Th 12:10pm - 1:00pm 405 Dodge Building	Ramin Arjomand	1	9/12
MUSI 2315	003/93147	T Th 12:10pm - 1:00pm 803 Dodge Building	Michael Joviala	1	6/12

Spring 2015: MUSI V2315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2315	001/62833	M W 3:10pm - 4:00pm 405 Dodge Building	Michael Joviala	1	8/12
MUSI 2315	002/61625	T Th 12:10pm - 1:00pm 405 Dodge Building	Ramin Arjomand	1	6/12

MUSI V2318 Music Theory I. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART)., Lab Required
A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: MUSI V1002 or the equivalent, as well as placement exam administered in the first class meeting every semester the course is offered. (Through Spring 2014, this course was entitled Diatonic Harmony and Counterpoint I.)
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 modal and tonal idioms.

Fall 2014: MUSI V2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/11614	M W 1:10pm - 2:25pm 405 Dodge Building	Caleb Mutch	3	14/25
MUSI 2318	002/66812	T Th 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3	7/25

Spring 2015: MUSI V2318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2318	001/13062	M W 1:10pm - 2:25pm 622 Dodge Building	Peter Susser	3	23/24

MUSI V2319 Music Theory II. 3 points.

A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: V2318.

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. (Through Spring 2014, this course was entitled Diatonic Harmony and Counterpoint II.)

Fall 2014: MUSI V2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/12276	M W 1:10pm - 2:25pm 622 Dodge Building	Peter Susser	3	22/25

Spring 2015: MUSI V2319

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2319	001/23729	T Th 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3	7/20
MUSI 2319	002/19218	M W 1:10pm - 2:25pm 405 Dodge Building	Caleb Mutch	3	10/20

MUSI V2430 Listening and Sound in Cross-Cultural Perspective. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The objective of this course is to explore the relationship between listening, sound, and music across different cultures and in different historical moments and contexts. This will be explored by studying the historical formation of the sound archive of different parts of the world and the emergence of new technologies in the early twentieth century, and how

different cultures consider the relation between natural and musical sounds.

Fall 2014: MUSI V2430

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2430	001/86785	M W 11:40am - 12:55pm 404 Dodge Building	Ana Maria Ochoa	3	14/40

MUSI W2515 Intermediate Piano Instruction. 1-2 points.

Prerequisites: *MUSI W2515-W2516* or the equivalent, and the instructor's permission.

Fall 2014: MUSI W2515

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2515	001/73734		Niels Ostbye	1-2	0/50
MUSI 2515	002/10986		Michael Skelly	1-2	10/50
MUSI 2515	003/75858		Reiko Uchida	1-2	2/50
MUSI 2515	005/20901		Michael Skelly	1-2	6/50

MUSI W2516 Intermediate Piano Instruction. 1-2 points.

Prerequisites: *MUSI W2515-W2516* or the equivalent, and the instructor's permission.

Spring 2015: MUSI W2516

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 2516	001/67214		Niels Ostbye	1-2	0
MUSI 2516	002/71679		Michael Skelly	1-2	3
MUSI 2516	003/68745		Reiko Uchida	1-2	0
MUSI 2516	004/65125		Deborah Bradley-Kramer	1-2	0/50
MUSI 2516	005/97447		Niels Ostbye	1-2	0
MUSI 2516	006/74786		Michael Skelly	1-2	11
MUSI 2516	007/83287		Reiko Uchida	1-2	0

MUSI V2582 Jazz improvisation: theory, history and practice. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

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 V3023 Late Beethoven. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Music V2318-V2319 or permission of the instructor.

An examination of the visionary works of Beethoven's last dozen or so years as a composer, beginning with the revision of his only opera, *Fidelio*, in 1814, and continuing with the late piano sonatas, cello sonatas, string quartets, Diabelli variations, Ninth Symphony, and the *Missa Solemnis*. Topics will include late style, romanticism, politics, deafness, and the changing nature of the musical work and its performance.

MUSI V3030 Asian American Music Studies. 3 points.

Prerequisites: One course in music or permission of instructor. This course will examine the diverse ways in which Asian Americans have understood and shaped their musical practices. We will explore the ways in which Asians have been represented via sound, text, and image, and will consider Asian Americans' participation in composed music traditions, jazz, traditional/folk music, diasporic music, improvised music, and popular musics. The course will reflect on readings from musicology, ethnomusicology, and music theory as well as fields outside of music in order to consider gender/sexuality, polyculturalism, and political activism.

MUSI V3127 Bach Vocal Music. 3 points.

Analysis of the vocal music of Johann Sebastian Bach in its historical and cultural context with particular focus on the sacred cantatas, the St. Matthew Passion and the B minor Mass.

MUSI V3128 History of Western Music I: Middle Ages To Baroque. 3 points.

Pre- or co requisite: *V2318-V2319*. 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 2014: MUSI V3128

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 001/28382 T Th 2:40pm - 3:55pm Susan 3 26/35
3128 622 Dodge Building Boynton

MUSI V3129 History of Western Music II: Classical To the 20th Century. 3 points.

Pre- or co requisite: V2318-2319. 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 2015: MUSI V3129

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3129	001/25848	T Th 2:40pm - 3:55pm 622 Dodge Building	Marilyn McCoy	3	30/40

MUSI V3138 The music of Brahms. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: HUMA W1123 or the equivalent, and the ability to read musical notation.

Survey of the music of Brahms, examining a wide range of genres as well as his historical and cultural position.

Spring 2015: MUSI V3138

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3138	001/13092	M W 2:40pm - 3:55pm 622 Dodge Building	Walter Frisch	3	16

MUSI V3142 Opera and Modernism. 3 points.

This course approaches the history of musical modernism through the lens of opera. Although we'll be considering many of the major stylistic movements of the twentieth century, we'll also be discussing how the sheer stubbornness of operatic tradition complicates narratives of development and progress. We'll be listening to six operas in their entirety: Claude Debussy's *Pelléas et Mélisande*, Alban Berg's *Wozzeck*, Igor Stravinsky's *Oedipus Rex* and *The Rake's Progress*, Benjamin Britten's *The Turn of the Screw*, and John Adams' *Nixon in China*.

MUSI V3170 20th Century Music. 3 points.

Prerequisites: HUMA W1123 or Instructor Permission
A multicultural survey of composers, improvisors, sounds, practices, and social issues in 20th century music. Engages form, genre, style, canon, media reception, constructions of gender and race, cultural nationalisms, and the impact of transnationalism and globalization.

MUSI V3241 Projects in Composition. 3 points.

Composition Faculty

Prerequisites: MUSI V3310 or instructor's permission.

Composition in more extended forms. Survey of advanced techniques of contemporary composition. (Previously called Advanced Composition.)

MUSI V3242 Projects in Composition. 3 points.

Composition Faculty

Prerequisites: MUSI V3310 or instructor's permission.

Composition in more extended forms. Survey of advanced techniques of contemporary composition. (Previously called Advanced Composition.)

MUSI V3302 Introduction to Set Theory. 3 points.

Prerequisites: MUSI V3322 and either V3126 or V3379, or instructor's permission.

Fulfills the requirement of either the 3000-level advanced theory elective or the nontonal course. A study of the basic principles of set theory through the writings of Schoenberg, Babbitt, Forte, Martino, Lewin, et al. Concepts illustrated with examples from late 19th- and early 20th-century repertory.

Spring 2015: MUSI V3302

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3302	001/68045	T 9:10am - 10:00am 620 Dodge Building	Joseph Dubiel	3	1/25
MUSI 3302	001/68045	Th 9:10am - 11:00am 620 Dodge Building	Joseph Dubiel	3	1/25

MUSI V3305 Theories of Heinrich Schenker. 3 points.

Prerequisites: Prerequisite: MUSI V3322 or instructor's permission. Fulfills the requirement of either the 3000-level advanced theory elective or the nontonal course.

An examination of Schenker's concepts of the relation between strict counterpoint and free writing; "prolongation"; the "composing-out" of harmonies; the parallels and distinctions between "foreground," "middle ground," and "background"; and the interaction between composing-out and thematic processes to create "form."

MUSI V3310 Techniques of 20th-Century Music. 3 points.

Prerequisites: MUSI V3322 or instructor's permission.

Materials, styles, and techniques of 20th-century music. Topics include scales, chords, sets, atonality, serialism, neoclassicism, and rhythm.

Fall 2014: MUSI V3310

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3310	001/12208	T Th 4:10pm - 5:25pm 814 Dodge Building	Sophia Di Castri	3	10

MUSI V3316 Ear Training, III. 1 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 2014: MUSI V3316

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/12186	M W 3:10pm - 4:00pm 814 Dodge Building	Richard Miller	1	10/12
MUSI 3316	002/73831	T Th 12:10pm - 1:00pm 622 Dodge Building	Peter Susser	1	12/12

Spring 2015: MUSI V3316

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3316	001/72252	M W 3:10pm - 4:00pm 814 Dodge Building	Richard Miller	1	7/12
MUSI 3316	002/28943	T Th 12:10pm - 1:00pm 622 Dodge Building	Peter Susser	1	11/12

MUSI V3317 Ear Training, IV. 1 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 2014: MUSI V3317

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/18670	M W 4:10pm - 5:00pm 814 Dodge Building	Richard Miller	1	9/12
MUSI 3317	002/75387	T Th 4:10pm - 5:00pm 620 Dodge Building	Ramin Amir Arjomand	1	7/12

Spring 2015: MUSI V3317

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3317	001/19295	M W 4:10pm - 5:00pm 814 Dodge Building	Richard Miller	1	11/12
MUSI 3317	002/22072	T Th 4:10pm - 5:00pm 803 Dodge Building	Ramin Amir Arjomand	1	4/12

MUSI V3321 Music Theory III. 3 points.

Lab Required

A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: V2319.

Corequisites: One course from Ear-training I-IV (V2314, V2315, V3316, or V3317, as determined by placement exam.) Intermediate analysis and composition in a variety of tonal idioms. (Through Spring 2014, this course was entitled Chromatic Harmony and Counterpoint I.)

Fall 2014: MUSI V3321

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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MUSI 3321	001/77017	M 1:10pm - 2:25pm 620 Dodge Building	Ellie Hisama	3	17/25
MUSI 3321	001/77017	W 1:10pm - 2:25pm 814 Dodge Building	Ellie Hisama	3	17/25
MUSI 3321	002/25267	T Th 1:10pm - 2:25pm 620 Dodge Building	Joseph Dubiel	3	8/25

Spring 2015: MUSI V3321

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3321	001/10312	M W 1:10pm - 2:25pm 814 Dodge Building	Joseph Di Ponio	3	12/25

MUSI V3322 Music Theory IV. 3 points.

A one-hour weekly lab is required, to be scheduled at the beginning of the term.

Prerequisites: V3321.

Corequisites: One course from Ear-Training I-IV (V2314, V2315, V3316, or V3317, as determined by placement exam.) Intermediate analysis and composition in a variety of tonal and extended tonal idioms. (Through Spring 2014, this course was entitled Chromatic Harmony and Counterpoint II.)

Fall 2014: MUSI V3322

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/66270	M W 1:10pm - 2:25pm 814 Dodge Building	Joseph Di Ponio	3	12/25

Spring 2015: MUSI V3322

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3322	001/73245	M W 1:10pm - 2:25pm 620 Dodge Building	Ellie Hisama	3	12/25
MUSI 3322	002/75547	T Th 1:10pm - 2:25pm 620 Dodge Building	Joseph Dubiel	3	8/25

MUSI V3330 Advanced Counterpoint. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: MUSI V3322 or instructor's permission. Fulfills the requirement of the 3000-level advanced theory elective. The study of baroque counterpoint in the style of J. S. Bach; general aspects of voice-leading; dances, inventions; canons; expositions of fugues.

MUSI V3395 Listening to Hip-Hop. 3 points.

An interdisciplinary exploration of hip-hop music and culture from its beginnings to the present through historical, analytical, and critical perspectives. The course's primary focus will be on critical listening.

Fall 2014: MUSI V3395

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3395	001/24116	M W 2:40pm - 3:55pm 622 Dodge Building	Ellie Hisama	3	26/30

MUSI V3400 Topics in Music and Society. 3 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.

Spring 2015: MUSI V3400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3400	001/13954	T Th 6:10pm - 7:25pm 622 Dodge Building	Aaron Fox	3	33

MUSI V3420 The Social Science of Music. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I), BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Not Offered During 2014-15 Academic Year.

Prerequisites: *HUMA W1123* or the equivalent.

An introduction to the field of ethnomusicology in the context of the intellectual history of music scholarship. IN FALL 2011, THIS COURSE WILL BE OFFERED TR 6:10-7:25 IN RM 622 DODGE.

MUSI V3435 Music and literature in Latin America. 3 points.

Not Offered During 2014-15 Academic Year.

This course is about the relationship between popular music and literature in Latin America. It covers such topics as the relationship between the lettered city and popular culture as well as orality and the written word. In the course we will read novels and poetry by authors who have also been composers and/or musicologists and explore the production of composers who have also been recognized as important literary figures.

MUSI V3440 Survivors' Music. 0 points.

Not Offered During 2014-15 Academic Year.

This course will examine the role of music in the lives of survivors of traumatic experiences and discover why music is a special expressive resource for such people. Examples from survivors' music about the nature of traumatic events that other expressive and documentary resources do not yield will be utilized. Course is interdisciplinary and the use of these examples to explore these issues is from a social, cultural, psychological and musicological perspective. Geared towards advanced undergraduates and graduate students from all disciplines.

MUSI V3462 Music, Gender and Performance. 3 points.

Prerequisites: There are no prerequisites for this course.

This seminar explores relationships between gender, music and performance from the perspective of ethnomusicology, cultural anthropology, critical music studies, feminist and queer theory and performance studies. We examine debates around issues of sex and gender and nature and culture through the lens of musical performance and experience. Some questions we consider include: In what ways is participation in particular music dictated by gendered conventions? What social purpose do these delineations serve? What might music tell us about the body? What is the relationship between performance and the ways in which masculinity and femininity, homosexuality and heterosexuality are shaped? How can we think about the concept of nation via gender and music? How might the gendered performances and the voices of musical celebrities come to represent or officially "speak" for the nation or particular publics? How does music shape our understanding of emotion, our experience of pleasure?

MUSI W3515 Advanced Piano Instruction. 2 points.

Prerequisites: *MUSI W2515-W2516* or the equivalent, and the instructor's permission.

Fall 2014: MUSI W3515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3515	001/16126		Niels Ostbye	2	0/50
MUSI 3515	002/64082		Michael Skelly	2	0/50
MUSI 3515	003/15001		Reiko Uchida	2	4/50
MUSI 3515	005/74990		Michael Skelly	2	1/50
MUSI 3515	007/71150		Reiko Uchida	2	0/50

MUSI W3516 Advanced Piano Instruction. 2 points.

Prerequisites: *MUSI W2515-W2516* or the equivalent, and the instructor's permission.

Spring 2015: MUSI W3516

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3516	001/23543		Niels Ostbye	2	0
MUSI 3516	002/69641		Michael Skelly	2	1
MUSI 3516	003/21245		Reiko Uchida	2	1
MUSI 3516	004/12663		Deborah Bradley-Kramer	2	0
MUSI 3516	005/17301		Niels Ostbye	2	0
MUSI 3516	006/18653		Michael Skelly	2	0

MUSI 3516	007/22996	Reiko Uchida	2	3
MUSI 3516	008/27048	Deborah Bradley-Kramer	2	0

MUSI V3630 Recorded Sound. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Prerequisites: the instructor's permission.

Main objective is to gain a familiarity with and understanding of recording, editing, mixing, and mastering of recorded music and sounds using Pro Tools software. Discusses the history of recorded production, microphone technique, and the idea of using the studio as an instrument for the production and manipulation of sound.

Spring 2015: MUSI V3630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3630	001/12003	M 1:10pm - 4:00pm 318 Prentiss Hall	Terence Pender	3	12/7

MUSI V3995 Honors Research. 3 points.

Open only to honors candidates in music. A creative/scholarly project conducted under faculty supervision, leading to completion of an honors essay, composition, or the equivalent. A formal proposal is required to be submitted and approved prior to registration; see the director of undergraduate studies for details.

MUSI V3998 Supervised Independent Study. 3 points.

A creative/scholarly project conducted under faculty supervision. Approval prior to registration; see the director of undergraduate studies for details.

Fall 2014: MUSI V3998

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3998	001/16274			3	0/0

MUSI V3999 Supervised Independent Study. 3 points.

A creative/scholarly project conducted under faculty supervision. Approval prior to registration; see the director of undergraduate studies for details.

Spring 2015: MUSI V3999

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 3999	001/13435			3	0/0

MUSI G4024 Opera and Society. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisite: instructor's permission. Investigation of how the composition, libretti, and production of operas are connected to their cultural, social, and political contexts.

MUSI G4030 (Section 1) Sound, The Secular, The Sacred. 3 points.

Prerequisites: None.

This course seeks to explore the significance of sound for understanding the negotiation the relation between the sacred and the secular, in light of recent work in critical religious studies. It seeks to explore the acoustic dimensions of the 'turn to religion' by exploring the uses of sound in mediating the relationship between the sacred and the secular in different cultures.

MUSI W4035 Animal Music. 3 points.

Explores and compares the various listening traditions that have been applied from the late nineteenth century to the present to the songs of birds, whales, dogs, and other nonhuman animals.

MUSI W4035 (Section 1) Animal Music. 3 points.

Explores and compares the various listening traditions that have been applied from the late nineteenth century to the present to the songs of birds, whales, dogs, and other nonhuman animals.

MUSI G4060 Medieval Music Drama. 3 points.

Not Offered During 2014-15 Academic Year.

Interdisciplinary study of sacred dramas from the 12th and 13th centuries, including the *Play of Daniel*, Hildegard of Bingen's *Ordo Virtutum*, and plays from the Fleury Playbook and Carmina Burana collections. Emphasis on the historical and cultural contexts of the plays

MUSI W4102 Music and Writings of Wagner. 3 points.

The development of Wagner's musical-dramatic style and critical thought, with special reference to *The Flying Dutchman*, *Lohengrin*, *Die Walküre*, *Tristan und Isolde*, and *Parsifal*, as well as selected prose writings in translation.

MUSI W4117 Music and the Cold War. 0 points.

Prerequisites: Previous coursework in Music (including W1123) or permission of the instructor.

Study of the principal musical trends and aesthetic debates of the Cold War. How did music respond to and reinforce the political divisions of the Cold War? We will move through a series of chronological units that integrate primary source readings from Adorno to Zhdanov, musical case studies (including works by Shostakovich, Eisler, Lutoslawski, Babbitt, Boulez, Kagel, Schnittke, Rochberg, Copland, Nono, Henze) and recent scholarly writings. Themes will include socialist realism, American influence in Western Europe, nationalism, postmodernism, and historiography.

MUSI G4122 Songs of the Troubadours. 3 points.

Music Majors and Concentrators.

Prerequisites: Music Humanities; Music V3128.

This interdisciplinary seminar approaches the songs of the troubadours as poetic and musical traditions. Together we will develop methods for analysis and interpretation, situate the songs within literary and social history, and address broad issues such as the nature of performance, the interplay between orality and writing, the origins of troubadour poetry, fin'amor, and gender. Students will learn to analyze the poetic and musical structure of the songs and to transcribe and edit them from medieval manuscripts. Weekly assignments in Paden's Introduction to Old Occitan will familiarize students with the language of the texts; one hour a week will be devoted to going over texts in the original language using Paden's book. Individually designed paper assignments will take students' backgrounds into account; ¾ students from all departments are welcome.

MUSI G4122 (Section 1) Songs of the Troubadours. 4 points.

Prerequisites: Music Humanities W1123, Music V3128

This interdisciplinary seminar approaches the songs of the troubadours as poetic and musical traditions. Together we will develop methods for analysis and interpretation, situate the songs within literary and social history, and address broad issues such as the nature of performance, the interplay between orality and writing, the origins of troubadour poetry, fin'amor, and gender. Students will learn to analyze the poetic and musical structure of the songs and to transcribe and edit them from medieval manuscripts. Weekly assignments in Paden's Introduction to Old Occitan will familiarize students with the language of the texts; one hour a week will be devoted to going over texts in the original language using Paden's book. Individually designed paper assignments will take students' backgrounds into account; ¾ students from all departments are welcome.

MUSI G4125 Jewish Music: Uniqueness and Diversity. 3 points.

Not Offered During 2014-15 Academic Year.

Jewish Music is rich and diverse. We know more about the contexts and uses of Jewish music than the music itself. Prior to recordings of music, musical notation is the most accurate record of the "actual" music. Notation of Western music develops and grows from the year 1000. For Jewish music the date of notation of music is 1750. Ashkenazic European liturgical music traditions are the first to be notated in the Jewish traditions. Secular and art music does not begin for well over one years, it begins in the late 1800s. Many liturgical traditions remain in the oral tradition. There are many challenges to understand the history of Jewish music. Investigating the role of culture and contexts of Jewish music opens the door for a productive inquiry. Topics for discussion

include: tradition and innovation, nationalism, culture contact, responses to modernity, and music and identity.

MUSI W4125 Puccini and the Twentieth Century. 3 points.

The popular and academic reputations of Giacomo Puccini have diverged more sharply than those of any other classical composer. This course aims less to "rehabilitate" Puccini than to imagine an alternate history of modernism in which his music plays a central role. Discussions will be centered around six operas, which we will be listening to in their entirety, as well as a variety of films, stage productions, and works by other composers. Major themes will include: sound studies and the history of technology; performance studies; theories of realism and modernism; and the relationship between Italian cultural politics and larger cosmopolitan and imperial formations.

MUSI W4125 (Section 1) Puccini and the Twentieth Century. 3 points.

The popular and academic reputations of Giacomo Puccini have diverged more sharply than those of any other classical composer. This course aims less to "rehabilitate" Puccini than to imagine an alternate history of modernism in which his music plays a central role. Discussions will be centered around six operas, which we will be listening to in their entirety, as well as a variety of films, stage productions, and works by other composers. Major themes will include: sound studies and the history of technology; performance studies; theories of realism and modernism; and the relationship between Italian cultural politics and larger cosmopolitan and imperial formations.

MUSI W4126 European Music in America 1825-1950. 3 points.

The aim of this course is to provide a deeper understanding of the musical interactions between Europe and the United States from the first performance of an Italian opera sung in its original language in America (Gioachino Rossini's *Il barbiere di Siviglia*, 1825) until Arnold Schoenberg's death in Los Angeles in 1951. The course will address issues such as identity and cultural pride through music, the concept of a musical canon in America, and reception of European culture in the United States.

MUSI G4130 (Section 1) Music and Childhood. 4 points.

Prerequisites: None.

This seminar addresses the relationship between music and childhood through a focus on the following areas: child musicians, music written for or about children, the role of music in the creation of "childhood" as a modern cultural construct, and the history of musical education, and the shaping of identity through music. We will address a variety of themes using both diachronic and synchronic analyses. Students will pursue research projects in their own areas of

interest that may overlap with or complement the course content.

MUSI W4150 (Section 1) Music and Politics in Pre-Revolutionary France. 3 points.

This course examines the relationship between musical and political institutions in France, from the reign of Louis XIV through the fall of the monarchy. We will 1) survey the development of musical style through listening and analysis; and 2) investigate how representative works reflected broad changes in the production and consumption of music during the grand siècle and age of Enlightenment. Topics will include: systems of court patronage and theatrical privilege; the rise of music criticism in the public sphere; the influence of the *philosophes*; salon culture; and the role of the arts in the historiography of the Revolution.

Fall 2014: MUSI W4150 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4150	001/27746 M W	10:10am - 11:25am 701a Dodge Building	Julia Doe	3	9

MUSI W4241 Advanced Composition. 3 points.

Composition Faculty

Prerequisites: MUSI V3241-3242 and instructor's permission. Composition for larger ensembles, supported by study of contemporary repertoire.

MUSI W4242 Advanced Composition. 3 points.

Composition Faculty

Prerequisites: MUSI V3241-3242 and instructor's permission. Composition for larger ensembles, supported by study of contemporary repertoire.

Spring 2015: MUSI W4242

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4242	001/77230 M W	2:40pm - 3:55pm 620 Dodge Building	George Lewis	3	9/40

MUSI W4256 (Section 1) Off the Grid: Notation in New Music. 3 points.

Prerequisites: Permission of the instructor. Notation is a creative act, neither neutral nor self-evident. Our compositional ideas are inextricably bound up with the symbols we use to represent them. The weight of history bears heavily on these choices, delivering through the ages a conventional system deeply embedded with the priorities and assumptions of the tradition it serves. Yet innovations arise out of crises, and where convention fails new methods of communication are developed. The past century is replete with composers who have adapted and broken with common-practice notation in search of novel modes of music making. In this course we will consider the pragmatic and aesthetic

consequences of expanded notation -- scores that to varying degrees of extremity stretch the boundaries of conventional music representation. We will approach these works as composers, as performers, and as analysts.

Spring 2015: MUSI W4256 (Section 1)

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4256	001/27188 Th	6:10pm - 8:00pm 620 Dodge Building	Ashley Fure	3	5/12

MUSI W4318 Ear Training, V. 1 point.

Advanced dictation, sight singing, and musicianship, with emphasis on 20th-century music.

Fall 2014: MUSI W4318

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4318	001/18100 M W	12:10pm - 1:00pm 620 Dodge Building	Peter Susser	1	11

MUSI W4330 (Section 1) Recent Approaches to Classical Form. 3 points.

Prerequisites: HUMA W1123 and V2318-19 or equivalent, or instructor permission.

Introduction to William Caplin's theory of formal functions and James Hepokoski and Warren Darcy's Sonata Theory through analysis of works by Haydn, Mozart, and Beethoven.

MUSI W4332 Computational Theories of Music and Music Cognition. 3 points.

Music Majors and Concentrators.

Prerequisites: Masterpieces of Western Music or Instructor's Permission.

This course will introduce students to recent research on computational modeling of music perception and cognition. Emphasis will be placed on research that was either carried out by music theorists or has some clear and immediate relevance to music theory. We will study several computational models that simulate the perception of different aspects of musical structure, including rhythm, melody, harmony, counterpoint, texture, and key. While we must devote some time to the mathematics of these models, our primary focus will be on the larger theoretical implications for music theory and music cognition. We will also spend some time discussing computational methodologies in general and what they can tell us about music and perception.

MUSI G4360 Analysis of Tonal Music. 3 points.

Prerequisites: MUSI V3321 or the equivalent.

Fulfills the requirement of the 3000-level advanced theory elective. This course was previously offered as V3360, Pre-Tonal and Tonal Analysis. 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.

Spring 2015: MUSI G4360

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4360	001/21533	Th 11:10am - 1:00pm 620 Dodge Building	Alfred Ler Dahl	3	17

MUSI G4374 (Section 1) Modal Counterpoint. 3 points.

Prerequisites: Two semesters of ear training.

This course provides training in writing, improvising, singing, and analyzing 16th-c. modal counterpoint. Students will be introduced to theoretical ideas found in Renaissance treatises, which they will apply to repertoire examples and to their own compositions.

Spring 2015: MUSI G4374 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4374	001/25522	T 10:10am - 12:00pm 814 Dodge Building	Peter Schubert	3	8/12

MUSI G4401 (Section 1) Field Methods and Techniques in Ethnomusicology. 3 points.

The goals of this course are practice-oriented. The end result will be short fieldwork-based project of approximately 20 pages in length. In order to complete the paper, students will conduct fieldwork, read and synthesize relevant literatures, and think carefully about the questions in which they are interested and methods of addressing them through ethnographic inquiry.

Fall 2014: MUSI G4401 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4401	001/62038	T 4:10pm - 6:00pm 701c Dodge Building	Aaron Fox	3	7/20

**MUSI W4405 Music and Language. 3 points.
Not Offered During 2014-15 Academic Year.**

Prerequisite: music major or instructor's permission. A survey of 20th-century literatures on the music/language relationship. Emphasis on semiotic and social-scientific paradigms

**MUSI W4420 Music and Property. 0 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: Approval of the instructor.

This course raises the questions 1) What does it mean to "own" music? 1) In what senses can music be conceptualized as "property?" How do divergent understandings of music's status as "property" shape contemporary debates and discourses in the particular areas of disputes over "illegal downloading" of copyrighted music and the "repatriation"

of Native American musical recordings as "cultural property?" Several relevant major recent statements will be considered and responses discussed. Case studies from ethnomusicological, anthropological, media studies and legal literatures engage issues of appropriation, the role of new technologies in shifting the terrain of musical ownership will be studied. Hands-on look at the Columbia Center for Ethnomusicology's ongoing projects to repatriate historic recordings of Native American music (currently 'owned' by Columbia University) to the Navajo and Iñupiat tribes.

**MUSI W4425 Popular Music in Brazil. 3 points.
Not Offered During 2014-15 Academic Year.**

A comprehensive introduction to popular music in Brazil throughout the 20th century, exploring the connections between historical transformations and the rise of different musical genres

MUSI W4430 (Section 1) Listening and Sound in Cross-Cultural Perspective. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

The objective of this course is to explore the relationship between listening, sound and music across different cultures and in different historical moments and contexts. This will be explored through recent histories of listening, through anthropological work on hearing and sound in different cultures and through the field of acoustic ecology. The course will seek to compare these three scholarly perspectives and their contributions to a historical and contextual understanding of listening practices.

**MUSI W4435 Music and Performance in the African Postcolony. 3 points.
Not Offered During 2014-15 Academic Year.**

This course examines music and performance in various African contexts, focusing on the postcolonial period. It will explore the complex interactions between music, politics, nation, race, and mediation through case studies from Ghana, Nigeria, DRC, Kenya, Tanzania, Zimbabwe, Namibia, and South Africa. In addition, discussions will involve what is meant to speak about "African music," and class will theorize about the conditions of musical production in the context of postcolonialism.

MUSI W4440 Music Exoticisms of the Former Soviet Union. 4 points.

In this course, we explore musical discourses of "civilization" and "barbarism" with a focus on examples from Ukraine, Russia, and Central Asia. The historical scope of the class includes key moments since the 18th century through the present day: from Catherine II's southward expansion into the territories of the Ukrainian Kozaks and the Crimean Khanate, through the era of romantic nationalism on the eastern borders of Austro-Hungary, through Soviet discourses of musical "progress," to the changing social and political landscapes of

music in the post-Soviet era, to modern political discourses of indigenous rights.

MUSI G4461 Music and Place. 3 points.

This course provides an introduction to contemporary work on music and place from an ethnomusicological perspective. It situates ethnomusicological work and specific musical case studies from multiple geographical regions within an interdisciplinary theoretical framework that draws from the fields of cultural anthropology, cultural, media, and sound studies.

MUSI W4463 (Section 1) Silence. 3 points.

In our daily lives, we hear concomitant fluxes and negotiations of frequencies, of noises, of aural spaces, some seemingly organized, others seemingly chaotic. How do we become attuned to processing the myriad of acoustic information that envelops us? What remains inaudible to us? How are attempts made to make the inaudible audible? What might it mean to “hear without listening,” and what are the consequences? Throughout this course, we address these questions and others that arise by thinking through the relationship of silence and its “other.” Often, silence is defined in the negative sense—by its assumed opposites such as sound, noise, music, and voice. Decentering the notion of silence as absence, our discussions will draw from interdisciplinary sources and thus be framed by theories of silence and the presence of silence as sensible, historical, philosophical, aesthetic, stylistic, political, and ethical. Theorizing silence in these ways, we will work to understand silence not as the binary opposite of audible expressions, but rather as regulations of them, at times being the impetus for their emergence(s).

MUSI G4500 Jazz Transcription and Analysis. 3 points.

Prerequisites: Permission of the instructor.

A progressive course in transcribing, proceeding from single lines to full scale sections and ensembles. Stylistic analysis based on new and previously published transcriptions.

MUSI G4505 Jazz Arranging and Composition. 3 points.

Prerequisites: *V2318-19* Diatonic Harmony or equivalent.

Course designed to train students to arrange and compose in a variety of historical jazz styles, including swing, bebop, hard bop, modal, fusion, Latin, and free jazz.

**MUSI W4507 The New Thing: Jazz 1955-1980. 0 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: Permission of the instructor.

An examination of the new jazz that emerged shortly after the middle of the 20th century. The seminar will include the work of musicians such as Ornette Coleman, Cecil Taylor, Don Cherry, Anthony Braxton, Carla Cley, Albert Ayler, and the Arts Ensemble of Chicago; the economics and politics of the period; parallel developments in other arts; the rise of new performance spaces, recording companies, and collectives; and

the accomplishments of the music and the problems it raised for jazz performance and criticism.

**MUSI W4508 Sound and Phonography. 0 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: Permission of the instructor. Graduate students and seniors given priority.

An historical overview of the nature of sound and the technologies of its transmission, modification, and recording; the social and artistic consequences of recording, including questions of originality and ownership. Topics may include the art of noise; the soundscape; field recording; and audio-terrorism.

MUSI W4515 Conducting Music. 3 points.

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 2015: MUSI W4515

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4515	001/23391	T Th 1:10pm - 2:25pm 814 Dodge Building	Jeffrey Milarsky	3	9/8

MUSI W4525 Instrumentation. 3 points.

Prerequisites: Extensive musical background; open to both graduate and advanced music major undergraduate students. Analysis of instrumentation, with directional emphasis on usage, ranges, playing techniques, tone colors, characteristics, interactions and tendencies, all derived from the classic orchestral repertory. Topics will include theoretical writings on the classical repertory as well as 20th century instrumentation and its advancement. Additional sessions with live orchestral demonstrations are included as part of the course.

Fall 2014: MUSI W4525

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
MUSI 4525	001/69864	T Th 1:10pm - 2:25pm 814 Dodge Building	Jeffrey Milarsky	3	16

MUSI W4526 Orchestration. 3 points.

Prerequisites: MUSI W4525 (Instrumentation), or instructor's permission.

The study of “functional” orchestration in works of the eighteenth and nineteenth centuries. Students will analyze scores by Haydn, Beethoven, Schubert, Brahms, Wagner,

Mahler, and other, and will write exercises in the style of these composers.

MUSI W4540 Histories of Post-1960's Jazz. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: HUMA W1123 or the equivalent.
 Historiographical issues surrounding the performance of jazz and improvised musics after 1960. Topics include genre and canon formation, gender, race, and cultural nationalisms, economics and infrastructure, debates around art and the vernacular, globalization, and media reception. Reading knowledge of music is not required.

MUSI G4601 Musical Interactivity. 0 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Basic computer operating system knowledge.
 The course explores programming techniques and concepts in computer music interactivity, or the creation of compositions that incorporate software that responds to live musical performance, environmental activity, and other real-world contingencies. The Max/MSP programming platform is used for MIDI, digital audio, and other interfacing techniques. Interactive works from the worlds of music, visual art, and performance are also presented. Basic knowledge of computer operation is required; basic knowledge of MIDI, Max/MSP, and/or digital audio is recommended.

MUSI W4625 Timbre and Technology. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Music Hum W1123 or permission of the instructor.
 The role of timbre, or tone color, in music of the last century combined with an introduction to recent computer tools for composition, analysis, and performance. Through close listening, we will examine 20th century composers' approaches to complex sounds, including Mahler, Debussy, Ravel, Schoenberg, Varese, Stockhausen, Grisey, Lachenmann and Leroux, as well as examples from popular and non-Western musics. Listening will be accompanied by writings on and by composers as well as background from the literature on music perception. Computer programs including AudioSculpt, OpenMusic, and Max/MSP will be used for lectures and exercises. Students are invited to apply the concepts explored in the course to their own fields of expertise in a final project and presentation.

MUSI W4626 Concepts of Musical Instrument in Electronic and Computer Music. 3 points.

Prerequisites: MUSI V2205 or Consent of the Instructor.
 A central aspect of composing with computer media is designing the software system with which we will work; in other words, the composer, performer and/or improviser is often responsible for designing and assembling his own instrument. Electronic and Computer Music practices challenge our views of what a musical instrument is and

how it is expected to behave. Through the analysis of various documents by a wide range of musicians as diverse as Theremin, Schaeffer, Stockhausen, Mathews, Moore, Tenney, Risset, Buchla, Moog, Mumma, Martirano, Waisvisz, Rowe, and Puckette amongst others, we will attempt to understand what new conceptions of musical instrument may have emerged with electric and digital media, and explore software implementations of some of their designs towards a final paper or computer system.

PHILOSOPHY

Departmental Office: 708 Philosophy; 212-854-3196
www.philosophy.columbia.edu

Director of Undergraduate Studies: Michele Moody-Adams,
702 Philosophy; 212-851-9522; moody-adams@columbia.edu

Economics-Philosophy Adviser: John 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 C3912), 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 on-line at the Office of Global Programs (<http://ogp.columbia.edu>) website), call 212-854-2559, or send an e-mail 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.

DEPARTMENTAL HONORS

Departmental honors are highly competitive. Normally no more than 10% of the majors graduating in the department each year 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; all students who complete senior theses are considered for honors.
2. A student may be nominated by a faculty member early in the spring semester of the senior year; nominated students are invited to submit a writing sample. 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 then reviews the submitted material and the academic records of the students, and reports to the full faculty. The full faculty then decide which students to recommend for departmental honors.

Senior thesis undergraduates majoring in Philosophy or Economics-Philosophy may apply 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 application early in the Fall semester of their senior year. Applications are due in early December, and are reviewed by a committee which includes the director of undergraduate studies; students are notified of the committee's decision within two weeks. Students whose applications are approved should register for their faculty adviser's section of Supervised Senior Research for the Spring term of the senior year. Theses are due in early April. All students who complete theses are considered for Departmental Honors.

FACULTY PROFESSORS

- David Albert
- Akeel Bilgrami
- Taylor Carman (Barnard)
- Haim Gaifman
- Lydia Goehr
- Robert Gooding-Williams
- Axel Honneth
- Patricia Kitcher

- Philip Kitcher
- Wolfgang Mann
- Christia Mercer
- Michele Moody-Adams
- Fred Neuhouser (Chair, Barnard)
- Christopher Peacocke (Chair)
- Carol Rovane
- David Sidorsky
- Achille Varzi
- Katja Vogt

ASSOCIATE PROFESSORS

- John Collins

ASSISTANT PROFESSORS

- Justin Clarke-Doane
- Tamar Lando
- Karen Lewis (Barnard)
- Elliot Paul (Barnard)
- John Morrison (Barnard)

AFFILIATED FACULTY

- Souleymane Bachir Diagne (French and Romance Philology)
- Jon Elster (Political Science)
- Kent Greenawalt (University Professor)
- Wayne Proudfoot (Religion)
- Joseph Raz (Law School)
- Gayatri Spivak (University Professor)

REQUIREMENTS

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 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 C1010 Methods and Problems of Philosophical Thought. 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 C3912.

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 *C*, *G*, *V*, or *W*, including:

- PHIL V2101 The History of Philosophy I: Presocratics to Augustine (or another course in the history of ancient or medieval philosophy e.g., PHIL V3131)
- PHIL V2201 History of Philosophy II: Aquinas to Kant (or another course in the history of late medieval or early modern philosophy e.g., PHIL V3237 or PHIL W3264)
- PHIL V3411 Symbolic Logic (or, in exceptional cases, a more advanced course in 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 V2702 | Contemporary Moral Problems |
| PHIL V3701 | Ethics |
| PHIL V3751 | Political Philosophy |

A related course to be chosen in consultation with the director of undergraduate studies

PHIL C3912

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 *C*, *G*, *V*, or *W*. There are no specific courses required for the concentration.

Students may choose courses prefixed with *G* only with the instructor's permission.

PHIL C3912 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, 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 of 44 points: 16 points in economics, 15 points in philosophy, 6 points in mathematics, 3 points in statistics, and 4 points in the interdisciplinary seminar as follows:

Economics Core Courses

ECON W1105	Principles of Economics
ECON W3211	Intermediate Microeconomics
ECON W3213	Intermediate Macroeconomics

Mathematics Sequence

Select a mathematics sequence

Statistics

Select a statistics course

Economics Electives

Select 6 points of economics electives; refer to the Economics section of this bulletin.

Philosophy Courses

PHIL C1010	Methods and Problems of Philosophical Thought
PHIL V3411	Symbolic Logic
PHIL V3701	Ethics (or another adviser-approved course in moral or political philosophy)
PHIL V3551 or PHIL W3960	Philosophy of Science Epistemology
PHIL G4561 or PHIL G4565	Probability and Decision Theory Rational Choice

Seminar

ECPH W4950 Economics and Philosophy Seminar
(or another seminar in philosophy or economics approved by advisers in both department)

Students who declare in Spring 2014 and beyond:

In addition to the above requirements, students are required to take:

1. ECON W3412 Introduction To Econometrics
2. A third economics elective; two of the three electives must be from the prescribed list found in the *Economics* section of the Bulletin, and the remaining economics elective may be *any* elective at the 3000-level or above.

COURSES FALL 2014

PHIL BC1001 Introduction to Philosophy. 3 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 2014: PHIL BC1001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1001	001/06226	M W 8:40am - 9:55am 328 Milbank Hall	Simona Aimar	3	48
PHIL 1001	002/03948	T Th 8:40am - 9:55am 504 Diana Center	Simona Aimar	3	35

Spring 2015: PHIL BC1001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1001	001/09632	M W 8:40am - 9:55am 310 Fayerweather	Taylor Carman	3	62
PHIL 1001	002/03579	M W 4:10pm - 5:25pm 302 Barnard Hall	Katherine Gasdaglis	3	47

PHIL C1010 Methods and Problems of Philosophical Thought. 3 points.

Critical introduction to philosophical problems, ideas and methods.

Fall 2014: PHIL C1010

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 1010	001/68491	M W 10:10am - 11:25am 413 Kent Hall	David Albert	3	66

Spring 2015: PHIL C1010

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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PHIL 001/76608 T Th 8:40am - 9:55am John 3 62
1010 517 Hamilton Hall Collins

PHIL V2101 The History of Philosophy I: Presocratics to Augustine. 4 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., Recitation Section Required

Corequisites: PHILV2111 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 2014: PHIL V2101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2101	001/68845	T Th 11:40am - 12:55pm 209 Havemeyer Hall	Katja Vogt	4	100

PHIL V2108 Philosophy and History. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA).

Not Offered During 2014-15 Academic Year.

An introduction to historical (from 1800) and contemporary themes in the philosophy of history. Themes include Historicism, Historicity, Universality and Particularity; the debate over Positivism; the historical nature of concepts and meaning; time and tense: Past, Present Future; the Temporality of experience; the nature of Tradition and Practice; Epistemic, Revolutionary, and Paradigmatic change; Memory and the writing of one's history (Autobiography). This course will have unrestricted enrollment and no discussion section.

Fall 2014: PHIL V2108

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2108	001/65452	M W 1:10pm - 2:25pm 603 Hamilton Hall	Lydia Goehr	3	41

PHIL V2110 Philosophy and Feminism. 3 points.

Not Offered During 2014-15 Academic Year.

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. This course will have unrestricted enrollment and no required discussion section.

Fall 2014: PHIL V2110

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 2110	001/68026	T Th 1:10pm - 2:25pm 309 Havemeyer Hall	Christia Mercer	3	116

PHIL V3131 Aristotle. 3 points.

Prerequisites: One philosophy course or permission of the instructor.

Introduction to Aristotle's philosophy through analysis of selected texts.

Fall 2014: PHIL V3131

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3131	001/01592	M W 10:10am - 11:25am 302 Lehman Hall	Simona Aimar	3	8

PHIL V3352 Twentieth Century European Philosophy. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: One prior philosophy course.

Reading and discussion of selected texts by central figures in phenomenology, existentialism, hermeneutics, critical theory, and recent Continental philosophy. Authors may include Heidegger, Sartre, Merleau-Ponty, Gadamer, Horkheimer, Adorno, Foucault, Bourdieu.

Fall 2014: PHIL V3352

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3352	001/04673	M W 8:40am - 9:55am 323 Milbank Hall	Taylor Carman	3	17/40

PHIL V3411 Symbolic Logic. 4 points.

CC/GS: Partial Fulfillment of Science Requirement, Recitation Section Required

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. This course has unrestricted enrollment.

Fall 2014: PHIL V3411

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/77113	T Th 11:40am - 12:55pm 602 Hamilton Hall	Tamar Lando	4	66/80

Spring 2015: PHIL V3411

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3411	001/60291	T Th 2:40pm - 3:55pm 501 Northwest Corner	Achille Varzi	4	111/120

PHIL V3551 Philosophy of Science. 3 points.

Prerequisites: One philosophy course or permission of the instructor.

Philosophical problems within science and about the nature of scientific knowledge in the 17th-20th centuries. Sample problems: space, time, and motion; causes and forces; scientific explanation; theory, law, and hypothesis; induction; verification and falsification; models and analogies; scientific realism; scientific revolutions. This course will be capped at 40 students.

Fall 2014: PHIL V3551

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3551	001/26221	M W 10:10am - 11:25am 307 Union Theological Seminary	Philip Kitcher	3	30/40

PHIL V3601 Metaphysics. 4 points.

Discussion Section Required

Corequisites: PHILV3611 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 2014: PHIL V3601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3601	001/27843	M W 11:40am - 12:55pm 313 Fayerweather	Achille Varzi	4	50/80

PHIL V3685 Philosophy of Language. 3 points.

Not Offered During 2014-15 Academic Year.

In this course, we will carefully examine several seminal 20th century works in the philosophy of language. Please note that this course does not overlap in content with the PHIL3685 class on conditionals offered in Spring 2013. Students who took that class who also wish to take this class should contact the instructor.

Fall 2014: PHIL V3685

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3685	001/07364	T Th 1:10pm - 2:25pm 207 Milbank Hall	Karen Lewis	3	18/35

PHIL V3701 Ethics. 4 points.

Recitation Section Required

Prerequisites: One course in philosophy

Corequisites: PHILV3711 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 2014: PHIL V3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3701	001/66037	T Th 6:10pm - 7:25pm 703 Hamilton Hall	Macalester Bell	4	24/40

Spring 2015: PHIL V3701

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3701	001/70295	M W 2:40pm - 3:55pm 310 Fayerweather	Michele Moody-Adams	4	81/100

PHIL V3752 Philosophy of Law. 3 points.

This course explores philosophical reflection on the relationship between law, society and morality. We discuss the nature of law, the nature of legal reasoning, the relationship between law and social policy, and central concepts in civil and criminal law. Readings are drawn from such sources as the natural law tradition, legal positivism, legal realism, and Critical Legal Theory. Readings will be supplemented by analysis of classic cases.

Fall 2014: PHIL V3752

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3752	001/60846	M W 2:40pm - 3:55pm 413 Kent Hall	Michele Moody-Adams	3	32/40

PHIL V3960 Epistemology. 4 points.

Knowledge of the external world, of other persons, and of ourselves. Selections from traditional and modern texts will be studied. Discussion section required. Unrestricted enrollment.

PHIL C3997 Supervised Senior Research. 3 points.

Supervised research usually with the goal of writing a senior thesis, under the direction of individual members of the department.

Spring 2015: PHIL C3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 3997	001/19098		David Albert	3	0/5
PHIL 3997	002/21286		Akeel Bilgrami	3	0/5
PHIL 3997	003/06754		Taylor Carman	3	1/5
PHIL 3997	004/67785		John Collins	3	2/5
PHIL 3997	005/20248		Haim Gaifman	3	0/5
PHIL 3997	006/65579		Lydia Goehr	3	0/5

PHIL 3997	007/22556	Justin Clarke- Doane	3	0/5
PHIL 3997	008/61486	Patricia Kitcher	3	1/5
PHIL 3997	009/22935	Philip Kitcher	3	1/5
PHIL 3997	010/24624	Tamar Lando	3	0/5
PHIL 3997	011/02665	Karen Lewis	3	0/5
PHIL 3997	012/28461	Wolfgang Mann	3	1/5
PHIL 3997	013/64858	Christia Mercer	3	0/5
PHIL 3997	014/14274	Michele Moody- Adams	3	0/5
PHIL 3997	015/05529	Robert Gooding- Williams	3	0/5
PHIL 3997	016/06130	Axel Honneth	3	0/5
PHIL 3997	018/60841	Christopher Peacocke	3	0/5
PHIL 3997	019/18116	Carol Rovane	3	0/5
PHIL 3997	020/61574	Achille Varzi	3	1/5
PHIL 3997	021/24727	Katja Vogt	3	0/5
PHIL 3997	022/09882	Frederick Neuhouser	3	1/5

PHIL G4251 Kant: Critique of Judgment. 3 points.

Prerequisites: for undergraduates: PHIL V3251 (Kant) or V3264 (Hegel) or instructor's permission.

A close reading of the *Critique of Judgment* focusing on its systematic location in Kant's thought and on the ideas of teleology and life.

Fall 2014: PHIL G4251

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4251	001/02804	Th 9:00am - 10:50am 716 Philosophy Hall	Frederick Neuhouser	3	21

PHIL G4260 Kant's Ethics. 3 points.

Not Offered During 2014-15 Academic Year.

The course will trace (and evaluate) central themes in Kant's ethical theory through his major texts such as *Groundwork of the Metaphysics of Morals*, *The Critique of Practical Reason*, *The Metaphysics of Morals*, and relevant parts of *Religion within the Bounds of Mere Reason*. Themes include the role of reason in moral evaluation and decision, freedom and autonomy, moral egalitarianism, moral idealism, moral dilemmas, and Kant's idea of the good.

Fall 2014: PHIL G4260

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4260	001/26450	W 11:00am - 12:50pm 716 Philosophy Hall	Patricia Kitcher	3	20/35

PHIL G4455 (Section 1) Special Topics in Logic: Modal Logic. 3 points.

A logical treatment of necessity, possibility, and other intentional operators.

Fall 2014: PHIL G4455 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4455	001/63844	T 2:10pm - 4:00pm 607 Hamilton Hall	Tamar Lando	3	9/35

PHIL G4491 William James's Principles of Psychology. 3 points.

Not Offered During 2014-15 Academic Year.

The primary goal of this course is to give sufficiently advanced students an opportunity to read through, in its entirety, one of the most influential works in the history of psychology. Although James conceived his two-volume work as an exhaustive scientific account of the mind, its approach is vastly different from contemporary psychology—which, since his time, has generated many subfields and methodologies, and benefitted from advances in related fields, such as computer science, linguistics, evolutionary biology, and neuroscience, to name just a few. Apart from subsequent developments within the mind sciences, another major difference between James's pioneering work and current scientific work is that it is explicitly governed by some concerns that currently belong more to philosophy than to science. These include James's focus on the *phenomenological* dimensions of mind that are open to direct introspection, which are no longer regarded as reliable indicators of mental reality, and his interest in the ethical significance of his findings. Being a pragmatist, he could not help but regard a correct account of the mind as providing a basis for *improvement* of human life, and *right action*.

Fall 2014: PHIL G4491

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4491	001/63033	W 9:00am - 10:50am 716 Philosophy Hall	Carol Rovane	3	10

PHIL G4561 Probability and Decision Theory. 3 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 2014: PHIL G4561

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4561	001/62157	Th 10:10am - 12:00pm 963 Schermerhorn Hall	Haim Gaifman	3	12/40

PHIL G4740 Islamic Philosophy. 3 points.

Not Offered During 2014-15 Academic Year.

A study of what it meant for the Muslim world to open up itself to Greek philosophy and to create the tradition of philosophical thinking known as *Falsafa* (from the Greek *philosophia*). The relation between theology (*kalam*) and philosophy, as well works of major authors of the classical period (9th to the late 12th century), will be studied.

Fall 2014: PHIL G4740

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHIL 4740	001/13749	T 11:00am - 12:50pm 401 Alfred Lerner Hall	Souleymane Diagne		13/15

PHYSICAL EDUCATION AND INTERCOLLEGIATE ATHLETICS

Departmental Office: 336 Dodge Physical Fitness Center;
212-854-3439
<http://www.dodgefitnesscenter.com>

Director of Undergraduate Studies: Prof. Kenneth
Torrey, 332 Dodge Physical Fitness Center; 212-854-3439;
kwt1@columbia.edu

The Physical Education Department offers a variety of activities in the areas of aquatics, fitness, martial arts, individual and dual “lifetime” sports, team sports, and outdoor education. Most of the activities are designed for the beginner or intermediate level. However, advanced courses are offered at selected times. The courses are designed to develop and/or improve the student’s fundamental skills and to help realize his or her potential. Activity that promotes one’s fitness level is emphasized. A major goal is to provide a positive, enjoyable experience for students. It is our hope that these activities will contribute to the development of an active, healthy lifestyle.

The majority of the activities are offered in ten time preferences. However, there are early morning conditioning activities, Friday-only classes at Baker Athletics Complex, and special 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 and Intercollegiate Athletics’ website (<http://www.dodgefitnesscenter.com>) .

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 on-line registration. Unless otherwise indicated, the activities are scheduled on a quarterly basis with each quarter lasting approximately seven weeks. At midterm, the student selects another activity for the remainder of the term, although in many cases the student has the opportunity to continue the same activity. Students may register for only one section of physical education each term.

PHYSICAL EDUCATION REQUIREMENT

Successful completion of two Physical Education Activities 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 Professor Ken Torrey, chair of 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 Professor Torrey, students may be instructed to contact Dr. Samuel Seward, medical director of Columbia Health Programs, 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). Those who anticipate attendance problems should contact their instructors or the director of undergraduate studies.

SWIM TEST

All students are required to pass a swimming test or take beginning swimming for one semester to fulfill the swimming requirement. The swimming tests are administered in the Uris Pool the first day of classes and are also offered on Wednesdays from 8:30pm-9:30pm, Fridays from 12-2pm and Sundays from 3pm-4pm throughout the semester. The test consists of swimming three laps of the pool (75 yards) without resting, using any stroke or combination of strokes. Those who do not pass are encouraged to take a beginner swimming course at the first opportunity.

LOCKER AND TOWEL SERVICE

Students have access to a lock/towel service (\$18 fee) and, with the exception of tennis, equipment for the activities is supplied by the Physical Education Department.

THE COLUMBIA AND BARNARD PHYSICAL EDUCATION EXCHANGE PROGRAM

The Columbia and Barnard Physical Education Departments have an exchange program. Space is reserved for Columbia College and Engineering students in selected Barnard physical education courses. A list of the Barnard courses offered through the exchange program is available in the Columbia Physical Education Office and the Barnard Physical Education Office, 200 Barnard Annex.

For Columbia College students, one point of the Physical Education requirement can be fulfilled with a Barnard

Physical Education course or a Barnard Dance technique course.

INTERCOLLEGIATE ATHLETICS

Students who are participating on an intercollegiate team should register for the appropriate team section of PHED C1005 Intercollegiate Athletics. Intercollegiate athletes are responsible for taking the swimming test. Student athletes who cannot pass the test should take beginning 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).

FACULTY

ASSOCIATE PROFESSOR

- Kenneth Torrey

ASSOCIATES

- Scott Alwin
- Kevin Anderson
- Nicole Aquila
- Michael Aufrichtig
- Laura Baden
- Tracey Bartholomew
- Nicole Blood
- Elliot Blount
- James Bolster
- Brett Boretti
- Will Boyland-Pett
- Scott Butch
- Diana Caskey
- Pete Cruz
- Emerson Curry
- Derek Davis
- Patrick Desir
- Adriano Di Peco
- Howard Endelman
- Steven Figueroa
- Roman Fleszar
- Jesse Foglia
- Marybeth Freeman
- Carl Fronhofer
- Stephanie Glance
- Bid Goswami
- Elizabeth Grubb

- Adam Hall
- Jumpie Harada
- Matt Herhal
- Brian Jines
- Maggie Johnson
- Ruben Jones
- Tara Kalivas
- Brie Katz
- Luke Kelly
- Amphone Keovongmanysar
- Liz Kittleman
- Gustavo Leal
- SeoungWoo Lee
- Peter Maki
- Gaurav Misra
- Richard Mueller
- Caroline Nichols
- Nich Lee Parker
- Libby Peters
- Ken Pollard
- David Poolman
- Scott Ramsey
- Sheila Roux
- Michael Sabala
- Joanne Schickerling
- Anne Marie Skylis
- Allison Slater
- Kyle Smith
- Gordon Spencer
- Jacques Swanepoel
- Christie Switek
- Sara Van Saanen
- Benjamin Waruch
- Ilene Weintraub
- Ajaya William
- Kari Williams
- Riza Zalameda

COURSES

PHED C1001 Physical Education Activities. 1 point.

The times listed in the on-line *Directory of Classes* are the actual class times for each time preference. Students should allow additional time for showering, dressing, equipment exchange, and travel to next class. A description of the scheduled activities for each time preference is posted on the department Web site, <http://www.dodgefitnesscenter.com>.

644

			Peggy Levine						Belgica Ramirez, Roman Fleszar, Dan Tischler		
PHED 1001	027/24781	M W 2:10pm - 3:00pm Room TBA	Kenneth Torrey, Belgica Ramirez	1	16/18						
PHED 1001	028/88942	M W 2:10pm - 3:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Scott Ramsey	1	26/35	PHED 1001	041/68442	T Th 11:00am - 11:50am Room TBA	Kenneth Torrey, Belgica Ramirez	1	22/25
PHED 1001	030/23324	M W 3:10pm - 4:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Jessica Harrington	1	24/30	PHED 1001	042/13007	T Th 11:00am - 11:50am Room TBA	Kenneth Torrey, Belgica Ramirez, Bonnie Baker	1	28/30
PHED 1001	031/64694	M W 3:10pm - 4:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Benjamin Waruch	1	31/35	PHED 1001	043/71947	T Th 11:00am - 11:50am Room TBA	Kenneth Torrey, Belgica Ramirez	1	16/18
PHED 1001	033/64280	T Th 8:00am - 8:50am Room TBA	Kenneth Torrey, Belgica Ramirez, Roman Fleszar	1	20/25	PHED 1001	044/81196	T Th 11:00am - 11:50am Room TBA	Kenneth Torrey, Belgica Ramirez, Pete Maki, Derek Davis	1	24/35
PHED 1001	034/79279	T Th 8:00am - 8:50am Room TBA	Kenneth Torrey, Belgica Ramirez, Reuben Jones	1	19/35	PHED 1001	045/90847	T Th 11:00am - 11:50am Room TBA	Kenneth Torrey, Belgica Ramirez	1	14/24
PHED 1001	035/86529	T Th 9:00am - 9:50am Room TBA	Kenneth Torrey, Belgica Ramirez	1	22/25	PHED 1001	046/96249	T Th 12:00pm - 12:50pm Room TBA	Kenneth Torrey, Belgica Ramirez, Michael Aufrichtig	1	20/20
PHED 1001	036/75941	T Th 9:00am - 9:50am Room TBA	Kenneth Torrey, Belgica Ramirez, Ilene Weintraub	1	15/18	PHED 1001	047/86281	T Th 12:00pm - 12:50pm Room TBA	Kenneth Torrey, Belgica Ramirez, Lauren Kahn, Maggie Johnson	1	16/25
PHED 1001	037/98441	T Th 10:00am - 10:50am Room TBA	Kenneth Torrey, Belgica Ramirez, Gustavo Leal	1	16/18	PHED 1001	048/12346	T Th 12:00pm - 12:50pm Room TBA	Kenneth Torrey, Belgica Ramirez, Bonnie Baker	1	17/30
PHED 1001	038/11781	T Th 10:00am - 10:50am Room TBA	Kenneth Torrey, Belgica Ramirez, Michael Sabala	1	16/25	PHED 1001	049/17698	T Th 12:00pm - 12:50pm Room TBA	Kenneth Torrey, Belgica Ramirez	1	12/25
PHED 1001	039/29031	T Th 10:00am - 10:50am Room TBA	Kenneth Torrey, Belgica Ramirez, Caroline Nichols	1	20/24	PHED 1001	050/22696	T Th 1:10pm - 2:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Jesse Foglia	1	20/25
PHED 1001	040/25508	T Th 10:00am - 10:50am Room TBA	Kenneth Torrey,	1	30/35	PHED 1001	051/25949	T Th 1:10pm - 2:00pm Room TBA	Kenneth Torrey, Belgica Ramirez,	1	20/30

PHED 1001	052/27096 T Th 1:10pm - 2:00pm Room TBA	Bonnie Baker Kenneth Torrey, Belgica Ramirez, Kenneth Pollard	1	20/24	PHED 1001	064/62051 F 11:00am - 1:00pm Room TBA	Sarana Hyatt Kenneth Torrey, Belgica Ramirez, Gaurav Misra	1	20/25
PHED 1001	053/28346 T Th 2:10pm - 3:00pm Room TBA	Kenneth Torrey, Belgica Ramirez	1	19/24	PHED 1001	065/63147 F 10:00am - 11:30am Room TBA	Kenneth Torrey, Belgica Ramirez, Kevin Anderson	1	24/35
PHED 1001	054/28279 T Th 2:10pm - 3:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Joanne Schickerling	1	17/18	PHED 1001	066/67047 T 7:00am - 10:00am Room TBA	Kenneth Torrey, Belgica Ramirez, Richard Mueller	1	10/12
PHED 1001	055/22193 T Th 2:10pm - 3:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Brian Jines, Nicholas Parker	1	25/35	PHED 1001	067/71096 W 7:00am - 10:00am Room TBA	Kenneth Torrey, Belgica Ramirez, Kari Williams	1	9/12
PHED 1001	056/75032 T Th 3:10pm - 4:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Jumpie Harada	1	24/25	PHED 1001	068/73696 Sa 8:00am - 5:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Anne Skylis	1	46/40
PHED 1001	057/81531 T Th 3:10pm - 4:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Nicholas Parker, Amphone Keovongmanysa	1	30/35	PHED 1001	069/77147 Th 7:30pm - 10:30pm Room TBA	Kenneth Torrey, Belgica Ramirez, Peter McKay	1	12/15
PHED 1001	058/99780 T Th 3:10pm - 4:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Anastasia Kitiklis	1	32/30	PHED 1001	070/78597 W 6:30pm - 9:30pm Room TBA	Kenneth Torrey, Belgica Ramirez, Peter McKay	1	11/15
PHED 1001	059/81757 F 11:00am - 12:30pm Room TBA	Kenneth Torrey, Belgica Ramirez, Brett Boretti	1	20/30	PHED 1001	071/81946 Th 9:00pm - 11:30pm Room TBA	Kenneth Torrey, Belgica Ramirez, Andrew Laiosa	1	10/12
PHED 1001	061/26032 M 7:00am - 10:00am Room TBA	Kenneth Torrey, Belgica Ramirez	1	10/12	PHED 1001	072/83147	Kenneth Torrey, Belgica Ramirez	1	12/40
PHED 1001	062/20946 W 7:00am - 10:00am Room TBA	Kenneth Torrey, Belgica Ramirez, Richard Mueller	1	10/12	PHED 1001	073/86646 F 10:00am - 2:00pm Room TBA	Kenneth Torrey, Belgica Ramirez, Alexander Baum	1	20/25
PHED 1001	063/68443 F 10:30am - 12:00pm Room TBA	Kenneth Torrey, Belgica Ramirez,	1	27/35	<p>PHED C1002 Physical Education Activities. 1 point.</p> <p>The times listed in the on-line <i>Directory of Classes</i> are the actual class times for each time preference. Students should</p>				

allow additional time for showering, dressing, equipment exchange, and travel to next class. A description of the scheduled activities for each time preference is posted on the department Web site, <http://www.dodgefitnesscenter.com>.

Spring 2015: PHED C1002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1002	001/27194	M W 9:00am - 9:50am Room TBA	James Bolster	1	19/12
PHED 1002	002/82782	M W 9:00am - 9:50am Room TBA	Sara Van Saanen	1	34/22
PHED 1002	003/70942	M W 9:00am - 9:50am Room TBA	Jumpie Harada	1	18/16
PHED 1002	004/11031	M W 10:00am - 10:50am Room TBA		1	23/20
PHED 1002	005/60897	M W 10:00am - 10:50am Room TBA	Yoichiro Matsumura	1	24/20
PHED 1002	006/62296	M W 10:00am - 10:50am Room TBA	Diana Caskey	1	25/13
PHED 1002	007/65897	M W 10:00am - 10:50am Room TBA	Howard Endelman	1	19/8
PHED 1002	008/67496	M W 10:00am - 10:50am Room TBA		1	38/27
PHED 1002	009/75848	M W 11:00am - 11:50am Room TBA	Jacques Swanepoel	1	18/15
PHED 1002	010/77197	M W 11:00am - 11:50am Room TBA	Tara Kalivas	1	25/15
PHED 1002	011/78396	M W 11:00am - 11:50am Room TBA	Gordon Spencer	1	9/6
PHED 1002	012/81796	M W 11:00am - 11:50am Room TBA	Yoichiro Matsumura	1	21/20
PHED 1002	013/87946	M W 11:00am - 11:50am Room TBA	Ilene Weintraub	1	14/5
PHED 1002	014/10897	M W 11:00am - 11:50am Room TBA	Elizabeth Grubb	1	30/24
PHED 1002	015/18548	M W 12:00pm - 12:50pm Room TBA	Peter Cruz	1	24/14
PHED 1002	016/26897	M W 12:00pm - 12:50pm Room TBA	SeoungWood Lee		23/10
PHED 1002	017/29573	M W 12:00pm - 12:50pm Room TBA	Emerson Curry	1	24/15
PHED 1002	018/82279	M W 1:10pm - 2:00pm Room TBA	Scott Ramsey	1	26/15
PHED 1002	019/63008	M W 1:10pm - 2:00pm Room TBA		1	22/15
PHED 1002	020/67847	M W 2:10pm - 3:00pm Room TBA		1	22/15
PHED 1002	021/80947	M W 2:10pm - 3:00pm Room TBA	Hugh Millard	1	24/19
PHED 1002	022/82197	M W 2:10pm - 3:00pm Room TBA	Peggy Levine	1	29/20
PHED 1002	023/83599	M W 2:10pm - 3:00pm Room TBA	Kenneth Torrey	1	17/7
PHED 1002	024/87096	M W 2:10pm - 3:00pm Room TBA	Brian Jines	1	30/25
PHED 1002	025/88547	M W 3:10pm - 4:00pm Room TBA	Jessica Harrington	1	31/20
PHED 1002	026/91646	M W 3:10pm - 4:00pm Room TBA	Allison Salter	1	34/25
PHED 1002	027/97897	T Th 8:00am - 8:50am Room TBA	Roman Fleszar	1	27/14
PHED 1002	028/77782	T Th 8:00am - 8:50am Room TBA	Reuben Jones	1	31/25
PHED 1002	029/85945	T Th 9:00am - 9:50am Room TBA		1	24/14
PHED 1002	030/94263	T Th 9:00am - 9:50am Room TBA	Riza Zalameda	1	16/9
PHED 1002	031/13446	T Th 10:00am - 10:50am Room TBA	Gustavo Leal	1	26/10
PHED 1002	032/16996	T Th 10:00am - 10:50am Room TBA	Michael Sabala	1	17/15
PHED 1002	033/20897	T Th 10:00am - 10:50am Room TBA	Marybeth Freeman	1	33/24
PHED 1002	034/23497	T Th 10:00am - 10:50am Room TBA	Brie Katz	1	20/15
PHED 1002	035/26648	T Th 11:00am - 11:50am Room TBA		1	25/14
PHED 1002	036/27548	T Th 11:00am - 11:50am Room TBA	Bonnie Baker	1	27/20
PHED 1002	037/88949	T Th 11:00am - 11:50am Room TBA	Amphone Keovongmanysa	1	23/15
PHED 1002	038/86530	T Th 11:00am - 11:50am Room TBA		1	13/8
PHED 1002	039/15941	T Th 11:00am - 11:50am Room TBA	Pete Maki	1	34/25
PHED 1002	040/13009	T Th 12:00pm - 12:50pm Room TBA	Anne Skylis	1	20/15
PHED 1002	041/62351	T Th 12:00pm - 12:50pm Room TBA	Michael Aufrichtig	1	19/10
PHED 1002	042/67146	T Th 12:00pm - 12:50pm Room TBA	Jesse Foglia	1	15/14
PHED 1002	043/72847	T Th 12:00pm - 12:50pm Room TBA	Bonnie Baker	1	23/22
PHED 1002	044/77697	T Th 12:00pm - 12:50pm Room TBA		1	15/15
PHED 1002	046/87197	T Th 1:10pm - 2:00pm Room TBA	Jumpei Harada	1	35/15
PHED 1002	047/97147	T Th 1:10pm - 2:00pm Room TBA	Bonnie Baker	1	22/20
PHED 1002	048/84031	T Th 1:10pm - 2:00pm Room TBA	Kenneth Pollard	1	26/15
PHED 1002	051/13532	T Th 2:10pm - 3:00pm Room TBA	Patrick Desir	1	20/15
PHED 1002	052/12749	T Th 2:10pm - 3:00pm Room TBA	Joanne Schickerling	1	18/8
PHED 1002	053/18549	T Th 2:10pm - 3:00pm Room TBA		1	28/25
PHED 1002	055/23148	T Th 3:10pm - 4:00pm Room TBA		1	20/15
PHED 1002	056/26596	T Th 3:10pm - 4:00pm Room TBA	Benjamin Waruch	1	28/25
PHED 1002	057/27797	T Th 3:10pm - 4:00pm Room TBA	Anastasia Kirtiklis	1	30/20
PHED 1002	060/73247		Yavonia Wise	1	12/8
PHED 1002	061/79781	Sa 8:00am - 4:00pm Room TBA	Anne Skylis	1	48/29
PHED 1002	062/75508	F 10:00am - 12:00pm Room TBA	Kevin Anderson	1	30/25
PHED 1002	063/25279	Th 9:00pm - 11:30pm Room TBA	Andrew Laiosa	1	8/1

PHED 1002	064/92073 F 10:00am - 2:00pm Room TBA	Alexander Baum	1	24/15
PHED 1002	065/67197 Th 7:30pm - 10:30pm Room TBA	Peter McKay	1	5/1
PHED 1002	066/63448 W 6:30pm - 9:30pm Room TBA	Peter McKay	1	8/1
PHED 1002	067/61246 F 10:30am - 12:00pm Room TBA	Sarana Hyatt	1	32/25
PHED 1002	068/77146 S 8:00am - 6:00pm Room TBA	Matthew Herhal	1	40/29
PHED 1002	069/66749 F 11:00am - 1:00pm Room TBA	Gaurav Misra	1	23/14

PHED C1005 Intercollegiate Athletics. 1 point.

Archery, Men's/Women's Golf, Baseball, Women's Lacrosse, Women's Basketball, Women's Soccer, Men's Basketball, Men's Soccer, Women's Rowing, Women's Softball, Men's Freshman Light Row, Women's Swimming, Men's Freshman Heavy Row, Men's Swimming, Men's Varsity Light Row, Women's Tennis, Men's Varsity Heavy Row, Men's Tennis, Women's Fencing, Women's Track, Men's Fencing, Men's Track, Women's Field Hockey, Women's Volleyball, Football, Wrestling, Women's Squash, Men's Squash

Fall 2014: PHED C1005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1005	001/91196		Kenneth Torrey, Belgica Ramirez, Derek Davis	1	7
PHED 1005	002/91797		Kenneth Torrey, Belgica Ramirez, Brett Boretti	1	4
PHED 1005	003/93299		Kenneth Torrey, Belgica Ramirez, Stephanie Glance	1	12
PHED 1005	004/97098		Kenneth Torrey, Belgica Ramirez, Kyle Smith	1	9
PHED 1005	005/74781		Kenneth Torrey, Belgica Ramirez, Scott Ramsey	1	8
PHED 1005	006/82031		Kenneth Torrey, Belgica Ramirez,	1	10

PHED 1005 007/88030

PHED 1005 008/90941

PHED 1005 009/11782

PHED 1005 010/11947

PHED 1005 011/12796

PHED 1005 012/15946

PHED 1005 013/18649

PHED 1005 014/21797

PHED 1005 015/27797

PHED 1005 016/28347

PHED 1005 017/20947

PHED 1005 018/19256

Jesse Foglia		
Kenneth Torrey, Belgica Ramirez, Scott Alwin	1	13
Kenneth Torrey, Belgica Ramirez, Emerson Curry	1	14
Kenneth Torrey, Belgica Ramirez, Michael Aufrichtig	1	9
Kenneth Torrey, Belgica Ramirez, Michael Aufrichtig	1	20
Kenneth Torrey, Belgica Ramirez, Marybeth Freeman	1	74
Kenneth Torrey, Belgica Ramirez, Richard Mueller	1	12
Kenneth Torrey, Belgica Ramirez, Liz Kittleman	1	18
Kenneth Torrey, Belgica Ramirez	1	21
Kenneth Torrey, Belgica Ramirez, Kevin Anderson	1	17
Kenneth Torrey, Belgica Ramirez	1	2
Kenneth Torrey,	1	16

		Belgica			PHED	005/76246	Scott	1	16
		Ramirez,			1005		Ramsey		
		Diana			PHED	006/77296	Nicholas	1	5
		Caskey			1005		Parker		
PHED	019/27194	Kenneth	1	12	PHED	007/78446	Scott	1	6
1005		Torrey,			1005		Alwin		
		James			PHED	008/81696	Nicholas	1	14
		Bolster,			1005		Parker		
		Belgica			PHED	009/91096	Scott	1	8
		Ramirez			1005		Alwin		
PHED	020/88943	Kenneth	1	5	PHED	010/92096	Michael	1	11
1005		Torrey,			1005		Aufrichtig		
		Belgica			PHED	011/95996	Michael	1	10
		Ramirez,			1005		Aufrichtig		
		Ilene			PHED	012/97196	Marybeth	1	1
		Weintraub			1005		Freeman		
PHED	021/61780	Kenneth	1	6	PHED	013/98248	Peter	1	16
1005		Torrey,			1005		Mangurian		
		Belgica			PHED	014/77783		1	10
		Ramirez			1005				
PHED	022/78029	Kenneth	1	21	PHED	015/81757	Liz	1	24/998
1005		Torrey,			1005		Kittleman		
		Belgica			PHED	016/12531		1	3
		Ramirez			1005				
PHED	023/82032	Kenneth	1	14	PHED	017/15797	Kevin	1	9
1005		Torrey,			1005		Anderson		
		Belgica			PHED	018/16897		1	8
		Ramirez,			1005				
		Willy			PHED	019/21847	Diana	1	15
		Wood			1005		Caskey		
PHED	024/87279	Kenneth	1	15	PHED	020/22896	James	1	11
1005		Torrey,			1005		Bolster		
		Belgica			PHED	021/26649	Ilene	1	3
		Ramirez,			1005		Weintraub		
		Brie Katz			PHED	022/28546	Bidyut	1	7
PHED	025/10529	Kenneth	1	20	1005		Goswami		
1005		Torrey,			PHED	023/25944		1	19
		Belgica			1005				
		Ramirez,			PHED	024/69693		1	26
		Carl			1005				
		Fronhofer			PHED	025/76530	Brie Katz	1	14
PHED	026/26534	Kenneth	1	6	1005				
1005		Torrey,			PHED	026/92192	Carl	1	10
		Belgica			1005		Fronhofer		
		Ramirez,			PHED	027/17193	Jacques	1	8
		Jacques			1005		Swanepoel		
		Swanepoel			PHED	028/26030	Jacques	1	5
PHED	027/88010	Kenneth	1	10	1005		Swanepoel		
1005		Torrey,							
		Belgica							
		Ramirez,							
		Jacques							
		Swanepoel							

Spring 2015: PHED C1005

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHED 1005	001/68298		Derek Davis	1	7
PHED 1005	002/71197		Brett Boretti	1	25
PHED 1005	003/72349		Stephanie Glance	1	10
PHED 1005	004/73246		Kyle Smith	1	5

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; dodd@phys.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 three groups of beginning sequences in physics. Students are given credit for courses from only one of the three sequence groups.

Mixing courses across the groups is strongly discouraged; however, physics majors who begin their studies with PHYS C1401 Introduction To Mechanics and Thermodynamics - PHYS C1402 Introduction To Electricity, Magnetism, and Optics should take PHYS C2601 Physics, III: Classical and Quantum Waves as the third-semester course.

Introductory Sequences

The sequences are intended primarily for:

Nonscience Majors:

PHYS C1001 Physics for Poets
 - PHYS and Physics for Poets
 C1002

Preprofessional Students:

Select one of the following sequences:

PHYS V1201 - PHYS V1202	General Physics and General Physics
PHYS F1201 - PHYS F1202	General Physics and General Physics

Accompanying laboratory course:

PHYS W1291 General Physics Laboratory
 - PHYS and General Physics Laboratory
 W1292

Engineering and Physical Science Majors:

Select one of the following sequences with accompanying laboratory course:

Sequence A:

PHYS C1401 - PHYS C1402 - PHYS C1403	Introduction To Mechanics and Thermodynamics and Introduction To Electricity, Magnetism, and Optics and Introduction to Classical and Quantum Waves
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Sequence B:

PHYS C1601 - PHYS C1602 - PHYS C2601	Physics, I: Mechanics and Relativity and Physics, II: Thermodynamics, Electricity, and Magnetism and Physics, III: Classical and Quantum Waves
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Sequence C:

PHYS C2801 - PHYS C2802	Accelerated Physics, I and II and Accelerated Physics, I and II
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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 \$50 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 1001*, *1002*, *1201*, *1401* or *1601*.

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 1001*, *PHYS 1002*, *PHYS 1202*, *PHYS 1402* or *PHYS 1602*.

FACULTY PROFESSORS

- Igor Aleiner
- Boris Altshuler
- Elena Aprile
- Allan Blaer (*emeritus*)
- Andrei Beloborodov
- Norman Christ
- Brian Cole
- Frederik Denef
- Brian Greene (Mathematics)
- Miklos Gyulassy
- Charles J. Hailey
- Timothy Halpin-Healy (Barnard)
- Tony Heinz (Electrical Engineering)
- Emlyn Hughes
- Lam Hui
- Tsung Dao Lee (*emeritus*)
- Robert Mawhinney
- Amber Miller
- Andrew Millis
- Alfred H. Mueller
- Reshmi Mukherjee (Barnard)
- John Parsons
- Aron Pinczuk (Applied Physics)
- Malvin Ruderman
- Michael Shaevitz
- Michael Tuts (Chair)

- Yasutomo Uemura
- Erick Weinberg
- William Zajc

ASSOCIATE PROFESSORS

- Gustaaf Brooijmans
- Janna Levin (Barnard)
- Szabolcs Marka
- Reshmi Mukherjee (Barnard)
- Alberto Nicolis
- Abhay Pasupathy
- Ozgur Sahin (Biology)

ASSISTANT PROFESSORS

- Cory Dean
- Brian Humensky
- Bradley Johnson
- Brian Metzger
- Rachel Rosen
- Tanya Zelevinsky

SENIOR LECTURER IN DISCIPLINE

- Jeremy Dodd

ADJUNCT PROFESSOR

- Morgan May

LECTURER

- Burton Budick
- Joel Gersten

REQUIREMENTS

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	Introduction To Mechanics and
C1401	Thermodynamics
- PHYS	and Introduction To Electricity,
C1402	Magnetism, and Optics
- PHYS	and Physics, III: Classical and Quantum
C2601	Waves

Sequence B:

PHYS	Physics, I: Mechanics and Relativity
C1601	and Physics, II: Thermodynamics,
- PHYS	Electricity, and Magnetism
C1602	and Physics, III: Classical and Quantum
- PHYS	Waves
C2601	

Sequence C: Students with advanced preparation in both physics and mathematics may be eligible to take:

PHYS	Accelerated Physics, I and II
C2801	and Accelerated Physics, I and II
- PHYS	
C2802	

Core Physics Courses

PHYS W3003	Mechanics
- PHYS	and Electricity and Magnetism
W3007	and Electromagnetic Waves and Optics
- PHYS	and Quantum Mechanics, I and II
W3008	and Quantum Mechanics, I and II
- PHYS	and Thermal and Statistical Physics
G4021	
- PHYS	
G4022	
- PHYS	
G4023	

Elective Courses

Select at least six points of the following:

PHYS	From Quarks To the Cosmos: Applications
W3002	of Modern Physics
PHYS	Advanced Mechanics
G4003	
PHYS	Particle Astrophysics and Cosmology
G4011	

PHYS	Solid-State Physics
G4018	

PHYS	Mathematical Methods of Physics
G4019	

PHYS	Introduction to General Relativity
G4040	

PHYS	Introduction to Particle Physics
G4050	

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:

PHYS	Intermediate Laboratory Work
W3081	and Intermediate Laboratory Work
- PHYS	and Electronics Laboratory
W3081	
- PHYS	
W3083	

PHYS	Intermediate Laboratory Work (three
W3081	semesters)

Approved experimental work with a faculty research group may satisfy one semester of the laboratory requirement.

Senior Seminar

PHYS W3072 Seminar in Current Research Problems

Mathematics Courses

Calculus through MATH V1202 Calculus IV or MATH V1208 Honors Mathematics B; and MATH V3027 Ordinary Differential Equations or the equivalent.

Recommended cognate courses: MATH V2010 Linear Algebra, MATH V3007 Complex Variables and MATH V3028 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).

COURSES

PHYS C1001 Physics for Poets. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

This course does not fulfill the physics requirement for admission to medical school. No previous background in

physics is expected; high school algebra is required. 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 2015: PHYS C1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1001	001/12270	M W 2:40pm - 3:55pm 428 Pupin Laboratories	Szabolcs Marka	3	126/140

PHYS C1002 Physics for Poets. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Not Offered During 2014-15 Academic Year.

Prerequisites: No previous background in physics is expected; high school algebra is required.

Introduction to physics with emphasis on quantum phenomena, relativity, and models of the atom and its nucleus.

PHYS F1201 General Physics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Prerequisite for PHYS F1202: PHYS F1201
The course will use elementary concepts from calculus. Students should therefore have some background in calculus or should be concurrently taking *MATH V1101x*, *Calculus I*. The accompanying laboratory is *PHYS W1291x-W1292y*. Basic introduction to the study of mechanics, fluids, thermodynamics, electricity, magnetism, optics, special relativity, quantum mechanics, atomic physics, and nuclear physics.

Fall 2014: PHYS F1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1201	001/23167	T Th 6:10pm - 7:25pm 428 Pupin Laboratories	Burton Budick	3	75/130

PHYS V1201 General Physics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Prerequisite for PHYS V1202: PHYS V1201
The course will use elementary concepts from calculus. Students should therefore have some basic background in calculus or should be concurrently taking *MATH V1101x*, *Calculus I*. The accompanying laboratory is *PHYS W1291x-W1292y*. Basic introduction to the study of mechanics, fluids, thermodynamics, electricity, magnetism, optics, special relativity, quantum mechanics, atomic physics, and nuclear physics.

Fall 2014: PHYS V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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PHYS 1201	001/27691	M W 11:00am - 12:15pm 301 Pupin Laboratories	Michael Shaevitz	3	161/160
PHYS 1201	002/74065	M W 11:00am - 12:15pm 428 Pupin Laboratories	Thomas Humensky	3	115/130

PHYS W1201 General Physics I. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Same course as *PHYS V1201x*, but given off-sequence. The course will use elementary concepts from calculus. Students should therefore have some basic background in calculus or should be concurrently taking *MATH V1101y*, *Calculus I*. The accompanying laboratory is *PHYS W1291y*.

Spring 2015: PHYS W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1201	001/14723	T Th 6:10pm - 7:25pm 301 Pupin Laboratories	Bradley Johnson	3	86/140

PHYS F1202 General Physics. 3 points.

Prerequisites: Prerequisite for PHYS F1202: PHYS F1201
The course will use elementary concepts from calculus. Students should therefore have some background in calculus or should be concurrently taking *MATH V1101x*, *Calculus I*. The accompanying laboratory is *PHYS W1291x-W1292y*. Basic introduction to the study of mechanics, fluids, thermodynamics, electricity, magnetism, optics, special relativity, quantum mechanics, atomic physics, and nuclear physics.

Spring 2015: PHYS F1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1202	001/66711	T Th 6:10pm - 7:25pm 428 Pupin Laboratories	Burton Budick	3	49/130

PHYS V1202 General Physics. 3 points.

Prerequisites: Prerequisite for PHYS V1202: PHYS V1201
The course will use elementary concepts from calculus. Students should therefore have some basic background in calculus or should be concurrently taking *MATH V1101x*, *Calculus I*. The accompanying laboratory is *PHYS W1291x-W1292y*. Basic introduction to the study of mechanics, fluids, thermodynamics, electricity, magnetism, optics, special relativity, quantum mechanics, atomic physics, and nuclear physics.

Spring 2015: PHYS V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1202	001/63849	M W 11:00am - 12:15pm 301 Pupin Laboratories	John Parsons	3	158/160
PHYS 1202	002/70519	M W 11:00am - 12:15pm 428 Pupin Laboratories	Thomas Humensky	3	121/130

PHYS C1291 General Physics I Laboratory. 1 point.

Corequisites: Laboratory to accompany PHYS V1201-2, PHYS V1301-2, or PHYS V1001-2.

PHYS W1291 General Physics Laboratory. 1 point.

Corequisites: PHYS F1201x-F1202y or PHYS V1201x-V1202y.

This course is the laboratory for the corequisite lecture course (*PHYS F1201x-F1202y* or *PHYS V1201x-V1202y*) and can be taken only during the same term as the corresponding lecture. For Fall 2014, the W1291 lab classes begin the week of Sept. 22nd.

Fall 2014: PHYS W1291

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1291	001/28513	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	
PHYS 1291	002/13394	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	15/15	
PHYS 1291	003/11326	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	15/15	
PHYS 1291	004/67817	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	
PHYS 1291	005/19821	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	13/15	
PHYS 1291	006/68973	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	
PHYS 1291	007/29005	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	16/15	
PHYS 1291	008/75327	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	16/15	
PHYS 1291	009/69519	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	14/15	
PHYS 1291	010/14769	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	15/15	
PHYS 1291	011/28004	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	13/15	
PHYS 1291	012/12938	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	
PHYS 1291	013/23661	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	14/15	
PHYS 1291	014/18908	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	13/15	
PHYS 1291	015/13337	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	
PHYS 1291	016/72043	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	14/15	
PHYS 1291	017/67187	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	9/15	
PHYS 1291	018/73607	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	13/15	
PHYS 1291	019/12471	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	13/15	
PHYS 1291	020/24444	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	13/15	
PHYS 1291	021/10910	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	15/15	

PHYS 1291	022/61389	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	15/15	
PHYS 1291	023/24904	Th 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	9/15	
PHYS 1291	024/19061	Th 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	
PHYS 1291	025/76618	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	13/15	
PHYS 1291	026/24920	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	11/15	

Spring 2015: PHYS W1291

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1291	001/62112	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	9/15	
PHYS 1291	002/60579	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	8/15	
PHYS 1291	004/18580	T 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	10/15	
PHYS 1291	005/23170	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	7/15	
PHYS 1291	006/18262	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	
PHYS 1291	008/74644	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	8/15	
PHYS 1291	009/70517	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	14/15	
PHYS 1291	010/11664	Th 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	8/15	
PHYS 1291	011/13430	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	

PHYS C1292 General Physics II Laboratory. 1 point.

Prerequisites: Laboratory to accompany V1201-2, V1301-2, or V1001-2.

PHYS W1292 General Physics Laboratory. 1 point.

Corequisites: PHYS F1201x-F1202y or PHYS V1201x-V1202y.

This course is the laboratory for the corequisite lecture course (*PHYS F1201x-F1202y* or *PHYS V1201x-V1202y*) and can be taken only during the same term as the corresponding lecture. For Fall 2014, the W1291 lab classes begin the week of Sept. 22nd.

Spring 2015: PHYS W1292

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1292	001/16408	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	14/15	
PHYS 1292	002/76999	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	14/15	
PHYS 1292	003/25614	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	13/15	
PHYS 1292	004/22219	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	15/15	
PHYS 1292	005/71503	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Giuseppina 1 Cambareri	12/15	

PHYS 1292	006/70533	M 7:30pm - 10:30pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	15/15
PHYS 1292	007/14576	T 1:00pm - 4:00pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	14/15
PHYS 1292	008/66071	T 1:00pm - 4:00pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	15/15
PHYS 1292	009/67265	T 4:10pm - 7:10pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	13/15
PHYS 1292	010/77612	T 4:10pm - 7:10pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	13/15
PHYS 1292	011/21319	T 7:30pm - 10:30pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	13/15
PHYS 1292	012/19774	T 7:30pm - 10:30pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	15/15
PHYS 1292	013/62641	W 1:00pm - 4:00pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	12/15
PHYS 1292	014/13259	W 1:00pm - 4:00pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	15/15
PHYS 1292	015/12043	W 4:10pm - 7:10pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	12/15
PHYS 1292	016/17968	W 4:10pm - 7:10pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	14/15
PHYS 1292	017/18578	W 7:30pm - 10:30pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	10/15
PHYS 1292	019/71048	Th 1:00pm - 4:00pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	15/15
PHYS 1292	020/24035	Th 1:00pm - 4:00pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	16/15
PHYS 1292	021/19369	Th 4:10pm - 7:10pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	15/15
PHYS 1292	022/25797	Th 4:10pm - 7:10pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	13/15
PHYS 1292	023/13044	Th 7:30pm - 10:30pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	14/15
PHYS 1292	024/29308	F 1:00pm - 4:00pm	Giuseppina 1 5th Flr Pupin Laboratories Cambareri	14/15

PHYS C1401 Introduction To Mechanics and Thermodynamics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Corequisite: *MATH V1101*, or the equivalent. 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.

Fall 2014: PHYS C1401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1401	001/12059	M W 1:10pm - 2:25pm 301 Pupin Laboratories	Emlyn Hughes	3	174/160
PHYS 1401	002/26885	T Th 10:10am - 11:25am 428 Pupin Laboratories	Tanya Zelevinsky	3	102/140

PHYS C1402 Introduction To Electricity, Magnetism, and Optics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisite: *PHYS C1401*. Corequisite: *MATH V1102*, or the equivalent. Electric fields, direct currents, magnetic fields,

alternating currents, electromagnetic waves, polarization, geometrical optics, interference, and diffraction.

Spring 2015: PHYS C1402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1402	001/27390	M W 1:10pm - 2:25pm 301 Pupin Laboratories	Emlyn Hughes	3	204/160
PHYS 1402	002/14616	T Th 10:10am - 11:25am 428 Pupin Laboratories	Tanya Zelevinsky	3	99/140

PHYS C1403 Introduction to Classical and Quantum Waves. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisite: *PHYS C1402*. Corequisite: *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 2014: PHYS C1403

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1403	001/61060	M W 9:10am - 10:25am 301 Pupin Laboratories	Gustaaf Brooijmans	3	96

PHYS C1493 Introduction to Experimental Physics. 3 points.

Prerequisite: *PHYS C1401* and *C1402*. 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 C1493* and *C1494*. For Fall 2014, the weekly lectures begin on Sept. 9th; individual lab sections begin the week of Sept. 16th.

Fall 2014: PHYS C1493

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1493	001/21714	M 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	12/13
PHYS 1493	001/21714	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	12/13
PHYS 1493	002/61205	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	9/13
PHYS 1493	002/61205	M 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	9/13
PHYS 1493	003/19894	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	11/13
PHYS 1493	003/19894	M 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Michael Clark	3	11/13
PHYS 1493	004/16957	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	12/13
PHYS 1493	004/16957	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	12/13

PHYS 1493	005/23968	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	12/13
PHYS 1493	005/23968	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Michael Clark	3	12/13
PHYS 1493	006/23867	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	11/13
PHYS 1493	006/23867	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	11/13
PHYS 1493	007/71940	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	12/13
PHYS 1493	007/71940	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	12/13
PHYS 1493	008/12172	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	9/13
PHYS 1493	008/12172	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Michael Clark	3	9/13
PHYS 1493	009/67765	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	10/13
PHYS 1493	009/67765	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	10/13
PHYS 1493	010/21701	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	13/13
PHYS 1493	010/21701	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	13/13
PHYS 1493	011/22577	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	9/13
PHYS 1493	011/22577	Th 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Michael Clark	3	9/13
PHYS 1493	012/62274	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	9/13
PHYS 1493	012/62274	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	9/13

PHYS C1494 Introduction to Experimental Physics. 3 *points.*

Prerequisite: *PHYS C1401* and *C1402*. 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 C1493* and *C1494*.

Spring 2015: PHYS C1494

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1494	001/73214	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	9/13
PHYS 1494	001/73214	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	9/13
PHYS 1494	002/10067	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	13/13
PHYS 1494	002/10067	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Michael Clark	3	13/13
PHYS 1494	003/67812	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	12/13
PHYS 1494	003/67812	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	12/13
PHYS 1494	004/69683	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	13/13

PHYS 1494	004/69683	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	13/13
PHYS 1494	005/72232	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	14/13
PHYS 1494	005/72232	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Michael Clark	3	14/13
PHYS 1494	006/74557	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	11/13
PHYS 1494	006/74557	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	11/13
PHYS 1494	007/62165	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	9/13
PHYS 1494	007/62165	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	9/13
PHYS 1494	009/63739	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	13/13
PHYS 1494	009/63739	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	13/13

PHYS C1601 Physics, I: Mechanics and Relativity. 3.5 *points.*

CC/GS: Partial Fulfillment of Science Requirement

Corequisite: *MATH V1102* or the 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 2014: PHYS C1601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1601	001/26568	T Th 10:10am - 11:25am 301 Pupin Laboratories	Jeremy Dodd	3.5	171

PHYS C1602 Physics, II: Thermodynamics, Electricity, and Magnetism. 3.5 *points.*

CC/GS: Partial Fulfillment of Science Requirement

Prerequisite: *PHYS C1601*. Corequisite: *MATH V1201* or the 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 2015: PHYS C1602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 1602	001/19053	T Th 10:10am - 11:25am 301 Pupin Laboratories	Jeremy Dodd	3.5	117

PHYS V1900 Seminar in Contemporary Physics and Astronomy. 1 *point.*

Prerequisites: (or corequisite) Any 1000-level course in the Physics or Astronomy departments. This course may be repeated for credit only with the instructor's permission.

Lectures on current areas of research with discussions of motivation, techniques, and results, as well as difficulties and unsolved problems. Each student submits a written report on one field of active research.

PHYS C2001 Special Relativity. 3 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 C2601 Physics, III: Classical and Quantum Waves. 3.5 points.

Prerequisite: *PHYS C1402* or *C1602*. Corequisite: *MATH V1202* or the 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 2014: PHYS C2601

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2601	001/22373	M W 10:10am - 11:25am 329 Pupin Laboratories	Charles Hailey	3.5	63

PHYS C2699 Experiments in Classical and Modern Physics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PHYS C1601* (or *C1401*), *C1602* (or *C1402*), and *C2601*. Laboratory work associated with the three prerequisite lecture courses. Experiments in mechanics, thermodynamics, electricity, magnetism, optics, wave motion, atomic physics, and nuclear physics.

Spring 2015: PHYS C2699

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2699	001/65609	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	0/1
PHYS 2699	001/65609	T 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	0/1
PHYS 2699	002/19286	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	1/1
PHYS 2699	002/19286	T 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Michael Clark	3	1/1

PHYS 2699	003/23386	W 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	1/1
PHYS 2699	003/23386	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	1/1
PHYS 2699	004/25325	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	1/1
PHYS 2699	004/25325	W 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	1/1
PHYS 2699	005/10632	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	1/1
PHYS 2699	005/10632	W 7:30pm - 10:30pm 5th Flr Pupin Laboratories	Michael Clark	3	1/1
PHYS 2699	006/13903	Th 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	2/1
PHYS 2699	006/13903	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	2/1
PHYS 2699	007/60596	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	0/1
PHYS 2699	007/60596	Th 4:10pm - 7:10pm 5th Flr Pupin Laboratories	Michael Clark	3	0/1
PHYS 2699	009/26559	F 1:00pm - 4:00pm 5th Flr Pupin Laboratories	Michael Clark	3	1/1
PHYS 2699	009/26559	T 3:10pm - 4:00pm 428 Pupin Laboratories	Michael Clark	3	1/1

PHYS C2801 Accelerated Physics, I and II. 4.5 points.

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 C1601*, *C1602* and *C2601*, 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 W3081*, in the following year.

Fall 2014: PHYS C2801

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2801	001/71505	T Th 10:10am - 12:10pm 329 Pupin Laboratories	Brian Cole	4.5	49

PHYS C2802 Accelerated Physics, I and II. 4.5 points.

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 C1601*, *C1602* and *C2601*, 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 W3081*, in the following year.

Spring 2015: PHYS C2802

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 2802	001/11298	T Th 10:10am - 12:10pm 329 Pupin Laboratories	Brian Cole	4.5	40

PHYS W3002 From Quarks To the Cosmos: Applications of Modern Physics. 3.5 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: C2601 or C2802

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 W3003 Mechanics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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 2015: PHYS W3003

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3003	001/75929	M W 11:40am - 12:55pm 329 Pupin Laboratories	Andrew Millis	3	48

PHYS W3007 Electricity and Magnetism. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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 2014: PHYS W3007

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3007	001/75150	M W 11:40am - 12:55pm 329 Pupin Laboratories	Abhay Pasupathy	3	38

PHYS W3008 Electromagnetic Waves and Optics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisite: *PHYS W3007*. Maxwell's 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 2015: PHYS W3008

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3008	001/20827	M W 10:10am - 11:25am 329 Pupin Laboratories	Brian Metzger	3	28

PHYS W3018 Weapons of Mass Destruction. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Reason and Value (REA).

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 2015: PHYS W3018

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3018	001/21050	T Th 2:40pm - 3:55pm 301 Pupin Laboratories	Szabolcs Marka	3	133/105

PHYS W3072 Seminar in Current Research Problems. 2 points.

Open only to senior physics majors. May be taken ONLY for Pass/Fail credit, not for letter grade credit. 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.

Spring 2015: PHYS W3072

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3072	001/23733	T 5:30pm - 6:45pm 705 Pupin Laboratories	Brian Metzger	2	10/15
PHYS 3072	002/10318	T 5:30pm - 6:45pm 425 Pupin Laboratories	Cory Dean	2	11/15

PHYS W3081 Intermediate Laboratory Work. 2 points.

Prerequisites: PHYS C2601 or PHYS C2802.

Primarily for junior and senior physics majors. Other majors require the instructor's permission. May be repeated for credit by performing different experiments. The laboratory has available fifteen individual experiments, of which two are required per 2 points. 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 2014: PHYS W3081

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3081	001/16760	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Yasutomo Uemura	2	13/15
PHYS 3081	002/21153	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	16/15
PHYS 3081	003/71449	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Michele Limon	2	5/15

Spring 2015: PHYS W3081

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3081	001/22550	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2	13/15
PHYS 3081	002/23747	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	17/15
PHYS 3081	003/21474	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Abhay Pasupathy	2	11/15

PHYS W3083 Electronics Laboratory. 3 points.

Registration is limited to the capacity of the laboratory. Corequisite or prerequisite: *PHYS W3003* or *W3007*. A sequence of experiments in solid-state electronics, with introductory lectures.

Spring 2015: PHYS W3083

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3083	001/28819	M W 1:10pm - 4:00pm 513 Pupin Laboratories	John Parsons	3	5/12

PHYS V3500 Supervised Readings in Physics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: the written permission of the faculty member who agrees to act as supervisor, and the permission of the director of undergraduate studies. Readings in a selected field of physics under the supervision of a faculty member. Written reports and periodic conferences with the instructor.

Fall 2014: PHYS V3500

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3500	001/25373		Jeremy Dodd	3	0

Spring 2015: PHYS V3500

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3500	001/61142		Jeremy Dodd	3	0

PHYS V3900 Supervised Individual Research. 1-5 points.

Prerequisites: the written permission of the faculty member who agrees to act as supervisor, and the permission of the director of undergraduate studies. For specially selected physics majors, the opportunity to do a research project in contemporary physics under the supervision of a faculty member. A detailed report on the research is presented by the student when the project is completed.

Fall 2014: PHYS V3900

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3900	001/71946		Jeremy Dodd	1-5	10

Spring 2015: PHYS V3900

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 3900	001/68187		Jeremy Dodd	1-5	9

PHYS G4003 Advanced Mechanics. 3 points.

Prerequisites: differential and integral calculus, differential equations, and *PHYS W3003* or the equivalent. Lagrange's formulation of mechanics, calculus of variations and the Action Principle, Hamilton's formulation of mechanics, rigid body motion, Euler angles, continuum mechanics, introduction to chaotic dynamics.

Spring 2015: PHYS G4003

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4003	001/67599	M W 11:40am - 12:55pm 420 Pupin Laboratories	Rachel Rosen	3	24

PHYS G4011 Particle Astrophysics and Cosmology. 3 points.

Prerequisites: PHYS C1403, C2601 or C2802; MATH V1202 or V1208; students are recommended but not required to have taken PHYS W3003 and W3007.

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 2015: PHYS G4011

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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PHYS 001/16090 M W 1:10pm - 2:25pm Charles 3 29
4011 420 Pupin Laboratories Hailey

PHYS G4012 String Theory. 3 points.

Prerequisites: PHYS W3003, PHYS W3008, PHYS G4021. PHYS G4023 would be helpful but is not required. Students should have some familiarity with tools for graphical \npresentation 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.

Spring 2015: PHYS G4012

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4012	001/12451	T Th 2:40pm - 3:55pm 214 Pupin Laboratories	William Zajc	3	10

PHYS G4018 Solid-State Physics. 3 points.

Prerequisites: *PHYS G4021* and *G4023*, 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 2015: PHYS G4018

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4018	001/70776	T Th 2:40pm - 3:55pm 420 Pupin Laboratories	Aron Pinczuk	3	16

PHYS G4019 Mathematical Methods of Physics. 3 points.

Prerequisites: Differential and integral calculus; linear algebra; PHYS W3003 and PHYS W3007; or the permission of the instructor.

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.

PHYS G4021 Quantum Mechanics, I and II. 3 points.

Prerequisite: *PHYS C2601* or *C2802*, or the equivalent, required for *PHYS G4021*; *PHYS G4021* required for *PHYS G4022*. 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.

Fall 2014: PHYS G4021

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4021	001/70892	T Th 10:10am - 11:25am 214 Pupin Laboratories	Erick Weinberg	3	54/56

PHYS G4022 Quantum Mechanics, I and II. 3 points.

Prerequisite: *PHYS C2601* or *C2802*, or the equivalent, required for *PHYS G4021*; *PHYS G4021* required for *PHYS G4022*. 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 2015: PHYS G4022

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4022	001/65260	T Th 10:10am - 11:25am 420 Pupin Laboratories	Erick Weinberg	3	38

PHYS G4023 Thermal and Statistical Physics. 3 points.

Prerequisite: *PHYS G4021* 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 2014: PHYS G4023

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4023	001/67220	T Th 1:10pm - 2:25pm 214 Pupin Laboratories	Frederik Denef	3	38

PHYS G4040 Introduction to General Relativity. 3 points.

Prerequisites: PHYS W3003, PHYS W3007 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.

PHYS G4050 Introduction to Particle Physics. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: PHYS C2601 or C2802, or the equivalent.
 Review of key concepts in quantum mechanics and special relativity. Conservation laws, decays, interactions, oscillations. Atoms, nuclei, hadrons (protons and neutrons) and quarks. Current theoretical and experimental challenges, including physics at the Large Hadron Collider.

PHYS G4051 Advanced Laboratory Work. 2 Pts. 2 points.

Prerequisites: Instructor's 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.

Fall 2014: PHYS G4051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4051	001/27342	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Yasutomo Uemura	2	0/0
PHYS 4051	002/66692	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	0/0
PHYS 4051	003/92203	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Michele Limon	2	0/0

Spring 2015: PHYS G4051

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4051	001/71977	M 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Elena Aprile	2	0/0
PHYS 4051	002/65088	F 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Morgan May	2	0/0
PHYS 4051	003/63734	Th 1:10pm - 5:00pm 6th Flr Pupin Laboratories	Abhay Pasupathy	2	0/0

PHYS G4075 Biology at Physical Extremes. 0 points.

Prerequisites: One year each of introductory physics and biology.
 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.

PHYS G4080 Scientific Computing. 3 points.

Prerequisites: PHYS W3003, PHYS W3008, PHYS G4021, PHYS G4023 or instructor permission.
 This course is intended to provide an introduction to scientific computing for Physics and other physical science undergraduates. Methods of computing will be taught through solving a variety of physical science problems. Previous programming experience is useful, but not required. The course will introduce the C++ programming language and also make use of Python and MATLAB in class and in exercises. The first part of the course will introduce these software tools and explore basic numerical algorithms for differential equations and matrices, emphasizing numerical stability and performance. These algorithms will then be used to explore physical phenomena, such as the equation of state for a simple gas, electromagnetic wave propagation and statistical mechanics systems. A brief discussion of parallel computing techniques will be included, with a chance to implement some parallel algorithms.

Spring 2015: PHYS G4080

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PHYS 4080	001/26149	T Th 11:40am - 12:55pm 415 Schapiro Cepser	Robert Mawhinney	3	6

PHYS G4302 General Relativity and Black Holes. 3 points.

Special relativity and its role in physics, the Newtonian theory of gravity from Einstein's viewpoint, the equivalence principle, differential geometry and geodesics, Einstein's equations, light bending and gravitational lensing, Newtonian thermodynamics of black holes

PHYS G4386 Geometrical Concepts In Physics. 3 points.

Material from topology and differential geometry with illustrations of their use in electrodynamics, general relativity, and Yang-Mills theory. In particular, topological and differential manifolds, tensors, vector bundles, connections, and Lie groups

PHYS W4386 Geometrical Concepts In Physics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement
Not Offered During 2014-15 Academic Year.

Prerequisites: Mathematics V1205 or the equivalent and V2010.

Material from topology and differential geometry with illustrations of its use in electrodynamics, general relativity, and Yang-Mills theory. In particular, topological and differential manifolds, tensors, vector bundles, connections, and Lie groups will be covered.

PHYS W4387 Geometrical Concepts In Physics. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Mathematics V1205 or the equivalent and V2010.

Material from topology and differential geometry with illustrations of its use in electrodynamics, general relativity, and Yang-Mills theory. In particular, topological and differential manifolds, tensors, vector bundles, connections, and Lie groups will be covered.

POLITICAL SCIENCE

Departmental Office: 710 International Affairs Building;
212-854-3707
<http://polisci.columbia.edu>

Director of Undergraduate Studies:

Prof. David Johnston, 705 International Affairs Building;
212-854-3955; dcj1@columbia.edu

Economics-Political Science Advisers:

Economics: Dr. Susan Elmes, Director of Undergraduate Studies, 1006 International Affairs Building;
se5@columbia.edu

Political Science: Prof. John Huber, 813 International Affairs Building; 212-854-7208; jdh39@columbia.edu

Political Science-Statistics Advisers:

Political Science: Prof. Robert Shapiro, 730 International Affairs Building; 212-854-3944; rys3@columbia.edu

Statistics: Prof. Daniel Rabinowitz, 1255 Amsterdam Avenue, Room 1014; 212-851-2141; dan@stat.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: the largest being American politics, which covers such topics as national and local politics, elections, and constitutional law; the second is comparative politics, which aims at understanding the political systems of other countries, both by studying individual states and by engaging in cross-national comparisons; the third, international relations, 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 the fourth, political theory, analyzes the history of normative political thought as well as of analytic concepts such as the nature of justice or of 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 W1201 Introduction To American Government and Politics or POLS

V1501 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 at least once per week (the schedule can be found on-line at <http://polisci.columbia.edu/academic-programs/undergraduate-programs/advising>). Students should stop by during these hours with questions about requirements, course selection, course of study, transfer and study abroad credit, and any other aspect of the program.

Students should also visit the Undergraduate Advising Office for assistance in completing the political science program planning form (available in the office, or on-line at <http://polisci.columbia.edu/academic-programs/undergraduate-programs/planning-forms>). The advisers must sign and date this form in the approval column next to any listed class that requires approval to be counted toward the program (transfer courses, non-traditional courses, etc.). These forms cannot be completed by faculty advisers. 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 more substantive 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, because they are current Ph.D. students in the department, they are familiar with political science faculty research interests and can therefore refer students to a professor for thesis advice, a research assistant job, or to form a connection with a faculty member whose research corresponds to a student's own interest.

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.

Students may consult their faculty adviser for any substantive issue, but still must visit walk-in advising hours to have courses approved, to fill out and update planning forms, and to discuss departmental requirements and regulations.

Director of Undergraduate Studies

The director of undergraduate studies oversees the undergraduate program 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. In such cases, the undergraduate coordinator and advisers refer students to the director of undergraduate studies.

Economics–Political Science Adviser

Economics–political science majors may consult Professor Massimo Morelli during his office hours. Please note that students should also see an undergraduate adviser to discuss major requirements and fill out a planning form. For any questions about the economics–political science program that an undergraduate adviser cannot answer, students are referred to Professor Morelli.

Political Science–Statistics Adviser

Political science–statistics majors may consult Professor Robert Shapiro during his office hours. Please note that students should also see an undergraduate adviser to discuss major requirements and fill out a planning form. For any questions about the political science–statistics program that an undergraduate adviser cannot answer, students are referred to Professor Shapiro.

Faculty At-Large

Students are encouraged to contact any professor for advice during his or her office hours or by arrangement to discuss interests in political science, course selection, and other academic or post-college issues. The faculty may provide advice about graduate schools, suggest literature a student might consult as sources for research, recommend specific courses or professors based on a 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., are addressed at the Undergraduate Advising Office.

HONORS PROGRAM

The department offers an 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 at least 75 pages in length and of exceptional quality.

Honors students perform research as part of a full-year honors seminar (POLS C3998 Senior Honors Seminar- POLS C3999 Senior Honors Seminar, 8 points total) during their senior year, in place of the seminar requirement for majors. Honors students may, however, take regular 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. The honors seminar director 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 preceptor. The honors seminar meets weekly for part of the year and covers 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 the graduating majors in the department each year may receive departmental honors. 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 (<http://registrar.columbia.edu>) in Kent Hall, or from Student Services On-Line (<https://ssol.columbia.edu>) (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. For guidelines for writing a proposal, please review the *Guidelines for Honors Seminar Proposals* (<http://polisci.columbia.edu/files/polisci/content/pdf/students/Honors%20SeminarApplication%20guidelines.pdf>) .

Complete 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 (<http://www.columbia.edu/cu/polisci>). Students will be notified by email 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 of *Special Reading and Research* in order to write a thesis to submit for honors consideration.

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 of *Independent Study* in order to write a thesis to submit for honors consideration.

For registration information and more details about this process, students should contact the undergraduate coordinator. Students may also submit for honors consideration a paper written for a class. Note that most honors theses are at least 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 policy making 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 Phyllis Stevens Sharp Fellowship in American Politics

The Phyllis Stevens Sharp Endowment Fund provides stipends each year during either academic semester or 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 organization serving the public. 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. This enables qualified undergraduates majoring or concentrating in political science to obtain the B.A. degree and M.A. degree in fewer than five years (ten semesters) from the time of their entrance into Columbia or Barnard, if they fulfill the M.A. course and residency requirements through summer course work after receiving the B.A. or accelerated study during the course of their undergraduate career.

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 <http://gsas.columbia.edu/content/academic-programs/political-science>.

FACULTY PROFESSORS

- Richard K. Betts
- Jagdish Bhagwati (also Economics)
- Partha Chatterjee (also Anthropology)
- Jean L. Cohen
- Gerald L. Curtis
- Rodolfo de la Garza (also School of International and Public Affairs)
- Michael Doyle (also School of International and Public Affairs, and School of Law)
- Jon Elster
- Robert Erikson
- Virginia Page Fortna (Chair)
- Timothy Frye
- Ester Fuchs (also School of International and Public Affairs)
- Andrew Gelman (also Statistics)
- Donald P. Green
- Fredrick Harris
- Jeffrey Henig (also Teachers College)
- John Huber
- Macartan Humphreys
- Robert Jervis
- David C. Johnston
- Ira Katznelson (also History)
- Sudipta Kaviraj (also Middle Eastern, South Asian, and African Studies)
- Mahmood Mamdani (also Anthropology)
- Isabela Mares
- Massimo Morelli (also Economics)
- M. Victoria Murillo (also School of International and Public Affairs)
- Andrew J. Nathan
- Sharyn O'Halloran (also School of International and Public Affairs)

- Kenneth Prewitt (also School of International and Public Affairs)
- Robert Y. Shapiro
- Jack Snyder
- Alfred Stepan (also School of International and Public Affairs)
- Michael Ting (also School of International and Public Affairs)
- Nadia Urbinati
- Gregory Wawro

ASSOCIATE PROFESSORS

- Christopher Blattman (also School of International and Public Affairs)
- Shigeo Hirano
- Jeffrey Lax
- Justin Phillips
- Johannes Urpelainen

ASSISTANT PROFESSORS

- Allison Carnegie
- Daniel Corstange (also School of International and Public Affairs)
- Turkuler Isiksel
- Kimuli Kasara
- Yotam Margalit
- Salvatore Nunnari
- Tonya Putnam
- Kay Shimizu

ON LEAVE

- Profs. Blattman, Curtis, Green, Isiksel, Morelli, Shimizu (2014-2015)
- Profs. Elster, Hirano, Urbinati, Wawro (Fall 2014)
- Profs. Mares, Margalit, Murillo (Spring 2015)

REQUIREMENTS GUIDELINES FOR ALL POLITICAL SCIENCE MAJORS, CONCENTRATORS, AND INTERDEPARTMENTAL MAJORS Planning Forms

Major Planning forms are available on the departmental website: <http://polisci.columbia.edu/academic-programs/undergraduate-programs/planning-forms>

Courses

Courses in Barnard College or other divisions of the university not listed on the department website course listing cannot be used to meet the requirement of a major or concentration in

political science without the approval of an undergraduate adviser, which should be secured in advance of registration.

Transfer Credits

Political science courses taken at other institutions cannot be credited toward the major without the written approval of an undergraduate adviser or the director of undergraduate studies. Students planning to transfer credits should meet with an undergraduate adviser during advising hours or the director of undergraduate studies during office hours as soon as they start taking courses toward the major, since the number of credits transferred (if any) are critical for subsequent planning. Students need the syllabi and transcript for courses submitted for transfer credit. No more than 15 transfer credits may normally be counted toward the major.

AP Credits

AP Credits will be granted, based on successful completion of an AP exam with a score of 4 or higher, only after the completion of an upper-level (3000 or higher) course in the subfield in which the AP exam was taken with a grade of C or higher. Students may be given an exemption, based on AP scores, from only one undergraduate course. Students may not be exempted from more than one introductory course on the basis of AP scores.

Grading

A grade of Pass is acceptable only for the first course taken toward the major or concentration. Courses with a grade of D may not be applied toward the major or concentration.

MAJOR IN POLITICAL SCIENCE

Please read *Guidelines for all Political Science Majors, Concentrators, and Interdepartmental Majors* above.

The major in political science requires a total of 29 points, distributed as follows:

Introductory Courses

Select two of the following four introductory courses:

POLS
V1013 Political Theory

POLS
W1201 Introduction To American Government and Politics

POLS
V1501 Comparative Politics

POLS
V1601 International Politics

Major Subfield

Six points in one of the subfields in which an introductory course was taken:

American politics

Comparative politics

Political theory

International relations

Minor Subfield

Three points in a second subfield in which an introductory course was taken

Additional Courses

Six additional points in political science, including three points in research methods. Courses that satisfy the research methods requirement include: *

POLS
W3220 Logic of Collective Choice

POLS
W3704 Data Analysis Statistics for Political Science Research

POLS
W3708 Empirical Research Methods

POLS
W3720 Scope Methods

POLS
W4209 Game Theory and Political Theory

POLS
W4210 Research Topics in Game Theory

POLS
W4291 Advanced Topics in Quantitative Research

POLS
W4292 Advanced Topics in Quantitative Research: Models for Panel Time-Series Cross-Section Data

POLS
W4365 Design Analysis of Sample Surveys

POLS
W4368 Experimental Research: Design, Analysis Interpretation

POLS
W4910 Principles of Quantitative Political Research

POLS
W4911 Analysis of Political Data

POLS
W4912 Multivariate Political Analysis

Seminars

Eight points of seminars (one four-point seminar in major subfield; one four-point seminar in any subfield) **

- * The research methods requirement applies only to students who declared their major in or after February 2012. Students who declared their major prior to February 2012 are not required to take a course in research methods. If a student takes another course inside or outside the department that provides relevant training in research methods, the student can petition the director of undergraduate studies to have this course satisfy the research methods requirement. 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.

** See seminar section below.

Seminars

Students are expected to take two 4-point seminars: one in their junior year and another in their senior year (with exceptions made for students on leave or studying abroad). They may choose from among the seminars offered, though at least one of the seminars taken must be in the student's major subfield (that in which at least nine other points have been completed). Entry into seminars requires instructor permission.

For detailed seminar registration guidelines, see <http://polisci.columbia.edu/undergraduate-programs/seminar-registration-guidelines>. 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 can only count for seminar credit at the discretion of the director of undergraduate studies. 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

Please read *Guidelines for all Economics Majors, Concentrators, and Interdepartmental Majors* in the *Economics* section of this Bulletin.

Please read *Guidelines for all Economics Majors, Concentrators, and Interdepartmental Majors* in the *Economics* section of this Bulletin.

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.

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.

Students who declared prior to Spring 2014:

The economics–political science major requires a total of 54 points: 19 points in economics, 15 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 three areas, i.e. subfields: (1) American politics, (2) comparative politics, and (3) international relations. 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 W1105	Principles of Economics
ECON W3211	Intermediate Microeconomics
ECON W3213	Intermediate Macroeconomics
ECON W4370	Political Economy

Mathematics Sequence

Select a mathematics sequence

Statistical Methods

Select one of the following:

ECON W3412	Introduction To Econometrics (and one of the statistics courses listed under Guidelines for all Economics Majors, Concentrators, and Interdepartmental Major)
POLS W4911	Analysis of Political Data (and one of the statistics course listed under Guidelines for all Economics Majors, Concentrators, and Interdepartmental Majors)
POLS W4911 - POLS W4910	Analysis of Political Data and Principles of Quantitative Political Research

Economics Electives

Select two electives (6 points) at the 3000-level or above

Political Science Courses

Major subfield (9 points) - including the introductory course, all in one of the three subfields of American politics, comparative politics, or international relations, coordinated with the economics electives and approved in advance by the adviser

Minor subfield (6 points) - including the introductory course in another subfield, coordinated with the economics electives and approved by the adviser

Seminars

A Political Science Department seminar, to be approved in advance by the adviser, in the major subfield

ECPS W4921 Seminar In Political Economy

Students who fulfill their statistical methods requirement with POLS W4910 Principles of Quantitative Political Research cannot take ECON W3412 Introduction To Econometrics.

Students who declare in Spring 2014 and beyond:

In addition to the above requirements, students are required to take STAT W1211 Introduction to Statistics (with calculus) to satisfy the statistics requirement. POLS W4910 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=POLS%20W4910>) Principles of Quantitative Political Research will no longer be an accepted alternative course for the statistics requirement. Students will still have the option to take ECON W3412 Introduction To Econometrics or POLS W4911 Analysis of Political Data to complete the statistical methods requirement.

MAJOR IN POLITICAL SCIENCE–STATISTICS

Please read *Guidelines for all Political Science Majors, Concentrators, and Interdepartmental Majors* above.

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.

Students take courses in mathematics and 31 or 34 points in political science, statistics and computer science, distributed as follows:

Political Science

Select one of the following introductory courses in one of the major subfields:

American Politics:

POLS W1201 Introduction To American Government and Politics

Comparative Politics:

POLS V1501 Comparative Politics

International Relations:

POLS V1601 International Politics

Political Theory:

POLS V1013 Political Theory

POLS W4133 Political Thought - Classical and Medieval

POLS W4134 Modern Political Thought

Six points in the same subfield as the introductory course

A four point seminar in the same subfield

POLS W4910 Principles of Quantitative Political Research and Analysis of Political Data
- POLS W4911

Statistics

Select one of the following introductory courses:

STAT W1001 Introduction to Statistical Reasoning

STAT W1111 Introduction to Statistics (without calculus)

STAT W1211 Introduction to Statistics (with calculus)

Select one of the following sequences:

STAT W3103 Mathematical
- STAT W3105 Methods for
- STAT W3107 Statistics
- STAT W3315 and Introduction to Probability and Introduction to Statistical Inference and Linear Regression Models

- STAT W2024 Applied Linear
 - STAT W2025 Regression Analysis
 - STAT W2026 and Applied
 - STAT W3026 Statistical Methods
 and Statistical
 Applications and
 Case Studies
 and Applied Data
 Mining

An approved elective in a statistics or a quantitatively oriented course in a social science.

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

Students may substitute *STAT W4105 Introduction to Probability* for *STAT W3105 Introduction to Probability*, *STAT W4107 Introduction to Statistical Inference* for *STAT W3107 Introduction to Statistical Inference*, and *STAT W4315 Linear Regression Models* for *STAT W3315 Linear Regression Models*.

Students preparing for advanced study in statistics should take the *STAT W3105 Introduction to Probability*, *STAT W3107 Introduction to Statistical Inference*, *STAT W3315 Linear Regression Models* sequence and should consider substituting *MATH V1101 Calculus I*, *MATH V1102 Calculus II*, and *MATH V2010 Linear Algebra* for *STAT W3103 Mathematical Methods for Statistics*.

Students preparing to apply statistical methods should take the *STAT W2024 Applied Linear Regression Analysis*, *STAT W2025 Applied Statistical Methods*, *STAT W2026 Statistical Applications and Case Studies*, *STAT W3026 Applied Data Mining* sequence.

Students may replace the *POLS V1013 Political Theory*, *POLS W4133 Political Thought - Classical and Medieval*, or *POLS W4134 Modern Political Thought* requirement with *COCI C1101 Introduction To Contemporary Civilization* and *COCI C1102 Introduction To Contemporary Civilization* (CC students) or *COCI F1101 Contemporary Civilization* and *COCI F1102 Contemporary Civilization* (GS students).

CONCENTRATION IN POLITICAL SCIENCE

Please read *Guidelines for all Political Science Majors, Concentrators, and Interdepartmental Majors* above.

The concentration in political science requires a minimum of 21 points, distributed as follows:

Introductory Courses

Select two of the following four introductory courses:

- POLS Political Theory
V1013
- POLS Introduction To American Government
W1201 and Politics
- POLS Comparative Politics
V1501
- POLS International Politics
V1601

Subfield Courses

Three points in one of the subfields in which an introductory course was taken

Three points in a second subfield in which an introductory course was taken

Additional Courses

Six additional points in political science in any subfield

Select one of the following research methods courses:

- POLS Logic of Collective Choice
W3220
- POLS Data Analysis Statistics for Political Science
W3704 Research
- POLS Empirical Research Methods
W3708
- POLS Scope Methods
W3720
- POLS Game Theory and Political Theory
W4209
- POLS Research Topics in Game Theory
W4210
- POLS Advanced Topics in Quantitative Research
W4291
- POLS Advanced Topics in Quantitative Research:
W4292 Models for Panel Time-Series Cross-
Section Data
- POLS Design Analysis of Sample Surveys
W4365
- POLS Experimental Research: Design, Analysis
W4368 Interpretation
- POLS Principles of Quantitative Political
W4910 Research
- POLS Analysis of Political Data
W4911

POLS Multivariate Political Analysis
W4912

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.

COURSES

AMERICAN POLITICS

POLS W1201 Introduction To American Government and Politics. 3 points.

Discussion Section Required

Lecture and discussion. Dynamics of political institutions and processes, chiefly of the national government. Emphasis on the actual exercise of political power by interest groups, elites, political parties, and public opinion.

Fall 2014: POLS W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1201	002/11243	M W 11:40am - 12:55pm 417 International Affairs Bldg	Justin Phillips	3	111/125

Spring 2015: POLS W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1201	001/14537	M W 11:40am - 12:55pm 501 Schermerhorn Hall	Judith Russell	3	145/175

POLS W3202 Labor & American Politics. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

This course examines the role and impact of organized labor in American politics. It will explore the history and development of the American labor movement; its significance as a central political actor in major social policy debates of the 20th century; as a mobilizing force in elections; its complex and often uneasy relationship with other political actors including business, urban political machines, and the civil rights movement; and contemporary dilemmas facing labor in a period of union decline and resurgence.

Fall 2014: POLS W3202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 3202	001/75678	M W 1:10pm - 2:25pm 614 Schermerhorn Hall	Dorian Warren	3	89/96
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POLS W3210 Judicial Politics. 3 points.

This course provides an introduction to the study of law and courts as political institutions and judges as political actors. The topics we will consider include: what courts do; different legal systems; the operation of legal norms; the U.S. judicial system; the power of courts and constraints on judicial power; judicial review; the origin of judicial institutions; how and why Supreme Court justices make decisions; case selection; conflict between the Court and the other branches of government; decision making and conflict within the judicial hierarchy; trials and juries; plea-bargaining and pre-trial settlement; the impact and implementation of court decisions; courts as agents of social change; the place of courts in American political history; and judicial appointments. Our main focus will be U.S. courts, but we will discuss other courts as well. This is not a course on constitutional law. The focus will not be on doctrinal analysis or the exegesis of cases.

Spring 2015: POLS W3210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3210	001/65812	T Th 11:40am - 12:55pm 717 Hamilton Hall	Jeffrey Lax	3	25/40

POLS W3220 Logic of Collective Choice. 3 points.

Much (most?) of politics is about combining individual preferences or actions into collective choices. We will make use of two theoretical approaches. Our primary approach will be social choice theory, which studies how we aggregate what individuals want into what the collective "wants." The second approach, game theory, covers how we aggregate what individuals want into what the group gets, given that social, economic, and political outcomes usually depend on the interaction of individual choices. The aggregation of preferences or choices is usually governed by some set of institutional rules, formal or informal. Our main themes include the rationality of individual and group preferences, the underpinnings and implications of using majority rule, tradeoffs between aggregation methods, the fairness of group choice, the effects of institutional constraints on choice (e.g., agenda control), and the implications for democratic choice. Most of the course material is highly abstract, but these abstract issues turn up in many real-world problems, from bargaining between the branches of government to campus elections to judicial decisions on multi-member courts to the allocation of relief funds among victims of natural disasters to

the scoring of Olympic events. The collective choice problem is one faced by society as a whole and by the smallest group alike.

Fall 2014: POLS W3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3220	001/69396	T Th 11:40am - 12:55pm 603 Hamilton Hall	Jeffrey Lax	3	38/40

POLS W3245 Race and Ethnicity In American Politics. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

The course focuses on the historical and contemporary roles of various racial and ethnic groups; and the initiation, demands, leadership and organizational styles, orientation, benefits, and impact on the structures and outputs of governance in the United States.

Spring 2015: POLS W3245

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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POLS 3245	001/66316	T Th 1:10pm - 2:25pm 602 Hamilton Hall	Raymond Smith	3	71/70
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POLS W3260 The Latino Political Experience. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

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.

POLS W3285 Freedom of Speech and Press. 3 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 2014: POLS W3285

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3285	001/22595	M W 4:10pm - 5:25pm 501 Schermerhorn Hall	Lee Bollinger	3	93/135

POLS W3290 Voting and American Politics. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

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 2014: POLS W3290

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3290	001/17542	T Th 10:10am - 11:25am 603 Hamilton Hall	Robert Erikson	3	34/40

POLS W3322 The American Congress. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: POLS W1201 or the equivalent, or instructor's permission.

Inquiry into the dynamics, organization, and policy-making processes of the American Congress. Particular emphasis on the relationship of legislators to constituents, lobbyists, bureaucrats, the president, and with one another.

Spring 2015: POLS W3322

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3322	001/21168	M W 1:10pm - 2:25pm 702 Hamilton Hall	Irwin Gertzog	3	49/70

POLS V3313 American Urban Politics. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., Discussion Section Required, BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: This course counts as an introductory-level course in American Politics. L-course sign-up through eBear (<http://ebear.barnard.edu>). Enrollment is limited to 80, including 20 incoming Barnard first-year students. Barnard syllabus (<http://polisci.barnard.edu/syllabi/#ap>). A study of cities in the US focusing on local government structures and relationships with other levels of government. Themes include power and decision-making; the leadership and administration of cities; and present day problems and strategies to deal with them. Topics include urban political economy, political machines and urban reform, race and ethnicity in urban politics, and urban problems such as fiscal strain, poverty, the burden of growth and attracting economic investment, the costs and consequences of urban terror and disaster, and the global city. (Cross-listed by the American Studies Program.)

Fall 2014: POLS V3313

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3313	001/68887	M W 6:10pm - 7:25pm 717 Hamilton Hall	Carlos Vargas-Ramos	3	44/70

Spring 2015: POLS V3313

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3313	001/06748	M W 6:10pm - 7:25pm 504 Diana Center	Carlos Vargas-Ramos	3	56/70

POLS G4240 Great Books on Race, Politics & Society. 4 points.

This seminar introduces students to classic works on race, social science, and public policy. The course will explore how social scientists have defined and constructed the conditions of black communities and how those definitions and constructions have varied and influenced policy debates over time. Students are required to write an original research paper on a policy area that examines the tensions between individual and structural explanations for the persistence of racial inequality.

Fall 2014: POLS G4240

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4240	001/68456	Th 12:10pm - 2:00pm 711 International Affairs Bldg	Fredrick Harris	4	11/15

AMERICAN POLITICS SEMINARS**POLS W3921 Seminar in American Politics. 4 points.**

Prerequisites: Instructor's permission is required to register. Pre-registration is not permitted. Seminar in American Politics. Pre-registration is not permitted. For most seminars, interested students must attend the first class meeting, after which the instructor will decide whom to admit. Senior majors receive priority, followed by junior majors, then all other students.

Fall 2014: POLS W3921

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3921	001/67527	M 2:10pm - 4:00pm 522c Kent Hall	Fredrick Harris	4	5/15
POLS 3921	002/24179	T 11:00am - 12:50pm 501 International Affairs Bldg	Brigitte Nacos	4	25/15
POLS 3921	003/28541	Th 4:10pm - 6:00pm 308 Lewisohn Hall	Kathleen Knight	4	13/15
POLS 3921	004/77079	T 6:10pm - 8:00pm 711 International Affairs Bldg	Martha Zebrowski	4	6/15

POLS 3921	005/14422	Th 4:10pm - 6:00pm 317 Hamilton Hall	Robert Amdur	4	23/15
POLS 3921	006/17915	Th 2:10pm - 4:00pm 302 Fayerweather	John Sivoletta	4	11/15
POLS 3921	007/76318	M 2:10pm - 4:00pm 501a International Affairs Bldg	Judith Russell	4	21/15
POLS 3921	008/11908	T 6:10pm - 8:00pm 501b International Affairs Bldg	Raymond Smith	4	8/15
POLS 3921	010/15984	W 4:10pm - 6:00pm 711 International Affairs Bldg	Irwin Gertzog	4	13/15

POLS W3922 Seminar in American Politics. 4 points.

Prerequisites: POLS W1201 or the equivalent, and instructor's permission. Pre-registration is not permitted. Seminar in American Politics. Pre-registration is not permitted. For most seminars, interested students must attend the first class meeting, after which the instructor will decide whom to admit. Senior majors receive priority, followed by junior majors, then all other students.

Spring 2015: POLS W3922

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3922	001/29185	W 12:10pm - 2:00pm 401 Hamilton Hall	Fredrick Harris	4	14/15
POLS 3922	002/14330	W 4:10pm - 6:00pm 711 International Affairs Bldg	Robert Shapiro	4	12/15
POLS 3922	003/72651	Th 10:10am - 12:00pm 711 International Affairs Bldg	Robert Erikson	4	12/15
POLS 3922	004/76662	W 10:10am - 12:00pm 711 International Affairs Bldg	Shigeo Hirano	4	8/15
POLS 3922	005/66408	Th 4:10pm - 6:00pm 317 Hamilton Hall	Robert Amdur	4	21/15
POLS 3922	006/15845	Th 12:10pm - 2:00pm 711 International Affairs Bldg	Kathleen Knight	4	12/15
POLS 3922	007/26335	T 11:00am - 12:50pm 501b International Affairs Bldg	Brigitte Nacos	4	22/15
POLS 3922	008/66874	T 6:10pm - 8:00pm 711 International Affairs Bldg	Martha Zebrowski	4	11/15

POLS W3930 Constitutional Law Seminar. 4 points.

Prerequisites: Instructor permission is required. This seminar explores major features of U.S. constitutional law through close examination of selected decisions of the U.S. Supreme Court. Through student discussion and some lecturing, the seminar addresses issues arising from the Constitution's allocation of power among the three branches of government; the allocation of powers between the National and State governments, including, in particular, the scope of Congress' regulatory powers; and the protection of the

individual from arbitrary and discriminatory government conduct, including the evolution of the concept of liberty from its protection of economic interests before the New Deal to its current role in protecting individual autonomy and privacy, the protections of the Fifth, Fourteenth and Fifteenth Amendments against unequal treatment based on race, gender and sexual orientation, and some aspects of the First Amendment's protection of freedom of speech and press. More generally the seminar aims to enhance understanding of some main aspects of our constitutional tradition and the judicial process by which it is elaborated.

Fall 2014: POLS W3930

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3930	001/61178	T 2:10pm - 4:00pm 418 International Affairs Bldg	Sidney Rosdeitcher	4	18/15

COMPARATIVE POLITICS

POLS V1501 Comparative Politics. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL)., Discussion Section Required, BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Corequisites: Required discussion section POLS V1511. May be taken at Barnard or Columbia. Limited to 100 students. L-course sign-up through eBear (<http://ebear.barnard.edu>). Barnard syllabus (<http://polisci.barnard.edu/syllabi/#cp>). Introduction to major issues and theories in comparative politics, democratization, and human rights.

Fall 2014: POLS V1501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1501	001/25338	M W 10:10am - 11:25am 602 Hamilton Hall	Kimuli Kasara	3	77/100

Spring 2015: POLS V1501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1501	001/64870	T Th 11:40am - 12:55pm 203 Mathematics Building	Hande Mutlu-Eren	3	80/110

POLS W3525 Global Trends in Censorship. 3 points.

The course aims to locate and systematize the features of state censorship's fast-spreading new global wave. It is the third broad, global type after the "prior restraint" censorship methods witnessed in the pre-broadcasting era, followed by the "state ownership" systems of the totalitarian 20th century. Censorship 3.0 policies are typically disguised as democratically legitimized; they are pursued globally, in stunningly similar ways, by illiberal and neo-authoritarian governments since the end of the Cold War. The course

reviews the new, illiberal speech-controlling strategies, structuring them around four major internationally established media freedoms that the new censorship regimes typically restrict. Thereby the course also provides knowledge on principles of advocacy for media freedom. Special attention is paid to developments in Russia, the post-Soviet republics, and generally the post-1989 democracies. The course could be apt for students of political studies, journalism, communications, human rights and international law, international relations, European, Russian, and post-Soviet studies, and similar fields.

Fall 2014: POLS W3525

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3525	001/93655	M W 6:10pm - 7:25pm 301m Fayerweather	Miklos Haraszti	3	10

POLS W3545 Comparative Democratic Politics. 3 points.

Prerequisites: A statistical methods course such as POLS W3704, POLS W3720, POLS W3721, POLS W4910 or equivalent, as well as the ability to use (or willingness to learn) Stata.

This course focuses on the comparative study of democratic political processes, and in particular to the role that formal institutional arrangements play in shaping strategic political behavior. In part I, the course examines the major themes in the comparative institutions literature, such as the impact of electoral laws on party systems, presidential versus parliamentary government, majoritarian and representational approaches in parliamentary systems, federalism, the design of judicial systems, etc. In part II, we examine how the nature of democratic institutions influences various types of outcomes, including political stability, political accountability, and economic policy.

Fall 2014: POLS W3545

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3545	001/79780	T Th 10:10am - 11:25am 711 International Affairs Bldg	John Huber	3	10/22

POLS G4406 Politics in Contemporary China. 4 points.

This course will be taught in Chinese.

Spring 2015: POLS G4406

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4406	001/13224	W 12:10pm - 2:00pm 711 International Affairs Bldg	Boshu Zhang	4	15/25

POLS G4407 Nine Thought Trends in China. 4 points.

Prerequisites: Fluency in Chinese (the course will be taught in Chinese, and a large number of readings will be in Chinese).

This is an elective course designed for both undergraduate and graduate students who are interested in the contemporary politics in China. The course focuses on nine major thought trends in China today that include 1) the Liberalism; 2) the New Authoritarianism; 3) the New Left; 4) Mao Left; 5) the Democratic Group within the Communist Party; 6) Governing through Confucian Theory; 7) Constitutional Socialism; 8) the so-called "Neither-Left and Nor-Right" Governing Theory; and 9) the New Nationalism Calling Tough Foreign Policies. China is deep in the social and political transition process, and the thoughts and actions of intellectuals themselves have formed an important part in this transition. In this sense, the course not only helps understand the thoughts of intellectuals, but also better help understand today's China affairs as a whole.

Fall 2014: POLS G4407

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4407	001/66016	W 12:10pm - 2:00pm 418 International Affairs Bldg	Boshu Zhang	4	8/25

POLS W4411 Politics and Society of Central Asia. 4 points.

Spring 2015: POLS W4411

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4411	001/61010	M W 11:40am - 12:55pm 301m Fayerweather	Nicola Contessi	4	9/30

POLS G4417 Bans on Debating History. 4 points.

Fall 2014: POLS G4417

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4417	001/88037	Th 6:10pm - 8:00pm 1201 International Affairs Bldg	Miklos Haraszti	4	2/30

POLS W4430 Political Change: Evolution and Revolution. 4 points.

This course is designed to discuss different forms of political change from theoretical and historical-comparative perspective.

Spring 2015: POLS W4430

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4430	001/73935	M W 1:10pm - 2:25pm 413 Kent Hall	Andras Bozoki	4	18/30

POLS G4434 Ethnic Politics of Eurasia. 4 points.

Fall 2014: POLS G4434

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4434	001/85903	W 11:00am - 12:50pm 613 Hamilton Hall	Elise Giuliano	4	4/25

POLS G4435 Political Dynamics in Central Europe. 4 points.

This seminar will focus on political developments in Central Europe in the past decades from dictatorship to multiparty democracy in comparative and historical perspective. Special attention will be paid to the past 25 years from 1989 to present.

Spring 2015: POLS G4435

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4435	001/20428	T 9:00am - 10:50am 501a International Affairs Bldg	Andras Bozoki	4	5/30

POLS W4454 Comparative Politics of South Asia. 4 points.

This course first compares the post-independence political histories of South Asian countries, particularly India and Pakistan. It then explores selected topics across countries: social and cultural dimensions of politics; structures of power; and political behavior. The underlying theme is to explain the development and durability of the particular political regimes – democratic or authoritarian – in each country.

Fall 2014: POLS W4454

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4454	001/74792	M W 11:40am - 12:55pm 303 Hamilton Hall	Philip Oldenburg	4	9/30

POLS G4472 Japanese Politics. 4 points.

Surveys key features of the Japanese political system, with focus on political institutions and processes. Themes include party politics, bureaucratic power, the role of the Diet, voting behavior, the role of the state in the economy, and the domestic politics of foreign policy.

Spring 2015: POLS G4472

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4472	001/68351	F 12:10pm - 2:00pm 711 International Affairs Bldg	Andrew Oros	4	19/20

POLS W4473 Political Transitions in Southeast Asia. 4 points.

Spring 2015: POLS W4473

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4473	001/23332	M 11:00am - 12:50pm 613 Hamilton Hall	Duncan McCargo	4	13/18

POLS W4474 Politics and Justice in Southeast Asia. 4 points.**Spring 2015: POLS W4474**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4474	001/15849	T 11:00am - 12:50pm 405a International Affairs Bldg	Duncan McCargo	4	8/18

POLS G4476 Korean Politics. 4 points.**Fall 2014: POLS G4476**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4476	001/62300	Th 4:10pm - 6:00pm 424 Pupin Laboratories	Sue Terry	4	24/25

COMPARATIVE POLITICS SEMINARS**POLS W3951 Seminar in Comparative Politics. 4 points.**

Prerequisites: POLS V1501 or the equivalent, and 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>

Seminar in Comparative Politics. Pre-registration is not permitted. For most seminars, interested students must attend the first class meeting, after which the instructor will decide whom to admit. Senior majors receive priority, followed by junior majors, then all other students.

Fall 2014: POLS W3951

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3951	002/67873	M 2:10pm - 4:00pm 418 International Affairs Bldg	Kimuli Kasara	4	10/15

POLS W3952 Seminar in Comparative Politics. 4 points.

Prerequisites: POLS V1501 or the equivalent, and 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>

Seminar in Comparative Politics. Pre-registration is not permitted. For most seminars, interested students must attend the first class meeting, after which the instructor will decide

whom to admit. Senior majors receive priority, followed by junior majors, then all other students.

Spring 2015: POLS W3952

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3952	001/16070	Th 10:10am - 12:00pm 602 Lewisohn Hall	Timothy Frye	4	15/15
POLS 3952	002/75627	W 2:10pm - 4:00pm 711 International Affairs Bldg	Hande Mutlu-Eren	4	6/15
POLS 3952	003/73766	Th 2:10pm - 4:00pm 307 Union Theological Seminary	Fubing Su	4	10/15

INTERNATIONAL RELATIONS**POLS V1601 International Politics. 3 points.**

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., Discussion Section Required, BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Corequisites: Required discussion section POLS V1611. May be taken at Barnard or Columbia. L-course sign-up through eBear (<http://ebear.barnard.edu>). Professor Marten's section is limited to 220, including 44 incoming Barnard first-year students. Barnard syllabus (<http://polisci.barnard.edu/syllabi/#ir>).

Setting and dynamics of global politics; application of theories of international relations to selected historical and contemporary problems.

Fall 2014: POLS V1601

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1601	001/04589	M W 2:40pm - 3:55pm 202 Altschul Hall	Kimberly Marten	3	218/230

Spring 2015: POLS V1601

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 1601	001/60635	M W 4:10pm - 5:25pm 301 Pupin Laboratories	Robert Jervis	3	202/245

POLS W3625 Rising Great Powers in International Relations. 3 points.

The rise of new great powers and hegemonic states has been a major engine of change in international relations, both historically and today. Predominant theories of war, trade, and empire take as their starting point the uneven growth in the power and wealth of major states and empires. Rapid economic growth and associated domestic institutional changes in rising great powers often unleash a volatile domestic politics that affects the ideologies and social interests that play a role in formulating foreign policy. In turn, the rising power's international environment shapes the unfolding of these internal processes. The course will study these

dynamics, tracing patterns in historical cases and applying the insights gained to contemporary issues.

Fall 2014: POLS W3625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3625	001/96096	M W 2:40pm - 3:55pm 603 Hamilton Hall	Jack Snyder	3	39/50

POLS W3626 Gender & International Relations. 3 points.

This course is designed as a comprehensive introduction to a way of analyzing and researching global politics and international relations that takes gender seriously as a category of analysis. The course is particularly concerned with the ways in which gender is implicated in the construction of international relations, how this impacts the foreign policies of states, and what this means for the actions of other actors in world politics, such as non-governmental organizations (NGOs), international organizations (IOs), and social movements.

Spring 2015: POLS W3626

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3626	001/77588	T Th 4:10pm - 5:25pm 703 Hamilton Hall	Eric Blanchard	3	34/40

POLS W3630 Politics of International Economic Relations. 3 points.

Fall 2014: POLS W3630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3630	001/24998	T Th 2:40pm - 3:55pm 702 Hamilton Hall	Jennifer Dwyer	3	34/60

POLS W3631 American Foreign Policy. 3 points.

Introduction to American foreign policy since 1945 with an emphasis on post-cold war topics. Will cover major schools of American thought, the policy making process, and key policies and issues.

Fall 2014: POLS W3631

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3631	001/23043	T Th 2:40pm - 3:55pm 413 Kent Hall	Eric Blanchard	3	49/70

POLS W3690 International Law. 3 points.

What is public international law, and what does it influence the behavior of states, corporations, and individuals in the international system? This introductory course engages these questions as well as the politics of applying and enforcing public international law in various contexts and issue areas. An understanding of basic international legal principles,

institutions, and processes is developed through exploration of foundational cases, and by means of (required) participation in a multi-week group simulation of an international legal dispute.

Spring 2015: POLS W3690

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3690	001/66887	M W 10:10am - 11:25am 413 Kent Hall	Jeremiah Pam	3	54/60

POLS G4845 National Security Strategies of the Middle East: A Comparative Perspective. 4 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 times in conflict. Now in a state of historic flux, the Arab Spring has transformed the Middle Eastern landscape, with great consequence for the national security strategies 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, Syria and Lebanon, Israel, the Palestinians and Turkey, Jordan) and how the revolutions of the past year will affect 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 on the strategies they have adopted to deal with them. It thus provides an essential vantage point for all 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.

Spring 2015: POLS G4845

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4845	001/25826	M 6:10pm - 8:00pm 413 Kent Hall	Charles Freilich	4	28/40

POLS W4871 Chinese Foreign Policy. 4 points.

The course describes the major elements of Chinese foreign policy today, in the context of their development since 1949. We seek to understand the security-based rationale of policy as well as other factors - organizational, cultural, perceptual, and so on - that influence Chinese foreign policy. We analyze decision-making processes that affect Chinese foreign policy, China's relations with various countries and regions, Chinese policy toward key functional issues in international affairs,

how the rise of China is affecting global power relations, and how other actors are responding. The course pays attention to the application of international relations theories to the problems we study, and also takes an interest in policy issues facing decision-makers in China as well as those facing decision-makers in other countries who deal with China.

Spring 2015: POLS W4871

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4871	001/27579	M W 2:40pm - 3:55pm 301 Pupin Laboratories	Andrew Nathan	4	155/170

POLS G4873 International Relations of Eurasia. 4 points.

This course investigates the international politics of Eurasia, largely characterized by great power pluralism and foreign policy adaptation, in what is often described in terms of a New Great Game. The first half of the course will lay down a conceptual framework to understand the region, mixing regional and theoretical literatures. We begin by examining the efforts of the great powers to integrate the region into the emerging multipolar system according to their respective regional objectives and competitive governance structures. Subsequently, we examine how great power patronage facilitates the intersection between external behaviour, state building, and regime survival. From this perspective, we relate the approaches developed to analyze the foreign policy of Eurasian states -from multivector diplomacy to "local rules" - to IR literature. The remainder of the course will assess in what ways specific issues shape Eurasian regional dynamics following an "issue" approach to stimulate students' curiosity. Security issues like radical Islam, drug trafficking, organized crime, and the war in Afghanistan will be considered in their multiple facets, as their ramifications reverberate regionally and globally. Natural resources from hydrocarbons, to uranium and gold play a large role in the geopolitics of this region: particular attention will be dedicated to issues like the politics Caspian oil and gas and pipeline routes.

Fall 2014: POLS G4873

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4873	001/95798	M 4:10pm - 6:00pm 418 International Affairs Bldg	Nicola Contessi	4	10/25

POLS W4875 Russia and the West. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Exploration of Russia's ambiguous relationship with the Western world. Cultural, philosophical, and historical explanations will be examined alongside theories of domestic political economy and international relations, to gain an understanding of current events. Select cases from the Tsarist,

Soviet, and recent periods will be compared and contrasted, to see if patterns emerge.

Spring 2015: POLS W4875

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4875	001/05037	M W 2:40pm - 3:55pm 504 Diana Center	Kimberly Marten	4	30/30

POLS W4895 War, Peace, and Strategy. 4 points.

Category: MIA Core: Interstate Relations, ISP, ICR

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 2014: POLS W4895

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4895	001/66234	M W 11:40am - 12:55pm 207 Mathematics Building Betts	Richard	4	54

INTERNATIONAL RELATIONS SEMINARS

POLS W3961 Seminar in International Politics. 4 points.

Prerequisites: POLS V1601 or the equivalent, and 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>

Seminar in International Relations. Pre-registration is not permitted. For most seminars, interested students must attend the first class meeting, after which the instructor will decide whom to admit. Senior majors receive priority, followed by junior majors, then all other students.

Fall 2014: POLS W3961

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3961	001/60528	M 4:10pm - 6:00pm 1302 International Affairs Bldg	Richard Betts	4	14/15
POLS 3961	002/20384	M 6:10pm - 8:00pm 711 International Affairs Bldg	Rebecca Murphy	4	15/15
POLS 3961	003/87097	W 2:10pm - 4:00pm 501 International Affairs Bldg	Shahrough Akhavi	4	7/15
POLS 3961	004/95996	Th 2:10pm - 4:00pm 270b International Affairs Bldg	Allison Carnegie	4	10/15
POLS 3961	005/81795	M 12:10pm - 2:00pm	Linda Kirschke	4	10/15

711 International Affairs
Bldg

POLS W3962 Seminar in International Politics. 4 points.

Prerequisites: POLS V1601 or the equivalent, and 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>

Seminar in International Relations. Pre-registration is not permitted. For most seminars, interested students must attend the first class meeting, after which the instructor will decide whom to admit. Senior majors receive priority, followed by junior majors, then all other students.

Spring 2015: POLS W3962

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3962	001/13147	M 12:10pm - 2:00pm 711 International Affairs Bldg	Jean Krasno	4	15/15
POLS 3962	002/29291	T 2:10pm - 4:00pm 1302 International Affairs Bldg	Robert Jervis	4	13/15
POLS 3962	003/13295	Th 10:10am - 12:00pm 1302 International Affairs Bldg	Jack Snyder	4	13/15
POLS 3962	004/77745	W 4:10pm - 6:00pm 501a International Affairs Bldg	Johannes Urpelainen	4	15/15
POLS 3962	005/18047	M 6:10pm - 8:00pm 711 International Affairs Bldg	Rebecca Murphy	4	17/15
POLS 3962	006/64819	Th 4:10pm - 6:00pm 1302 International Affairs Bldg	Barbara Farnham	4	12/15

POLITICAL THEORY

POLS W3100 Justice. 3 points.

An inquiry into the nature and implications of justice, including examinations of selected cases and issues such as *Roe v. Wade*, the *O.J. Simpson* case, the *Pinochet* case, affirmative action, recent tobacco litigation, and the international distribution of income and wealth.

Fall 2014: POLS W3100

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3100	001/72823	M W 11:40am - 12:55pm 614 Schermerhorn Hall	David Johnston	3	79/100

POLS W3170 Nationalism, Republicanism & Cosmopolitanism. 3 points.

Do we have obligations to our co-nationals that we do not owe to others? Might our loyalties or obligations to our fellow citizens be based on a commitment to shared political principles and common public life rather than

national identity? Do we have basic duties that are owed equally to human beings everywhere, regardless of national or political affiliation? Do our commitments to co-nationals or compatriots conflict with those duties we might owe to others, and if so, to what extent? Is cosmopolitanism based on rationality and patriotism based on passion? This course will explore these questions from the perspectives of nationalism, republicanism and cosmopolitanism. We will consider historical works from Herder, Rousseau, Kant, Fichte, Mill, Mazzini and Renan; and more contemporary contributions from Berlin, Miller, Canovan, MacIntyre, Viroli, Sandel, Pettit, Habermas, Nussbaum, Appiah, and Pogge, among others.

Fall 2014: POLS W3170

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3170	001/66201	M W 10:10am - 11:25am 503 Hamilton Hall	Jessica Kimpell	3	33/30

POLS W4133 Political Thought - Classical and Medieval. 4 points.

Prerequisites: Contemporary Civilization or a comparable introduction to political theory course.
In this course, we will read classical and medieval writings that span multiple linguistic, historic and religious contexts. The goal is to explore similar notions of the just world that span these varied writings, from Plato's *Republic* to Zoroastrian and Early Islamic writings on just rule. Such similarities will highlight how some of these works represent cultural amalgams that blend Greek, Persian and Arabic elements. Yet, we will also consider how these writings differ and how their authors constructed them to respond to their unique political concerns. Throughout this course, we will consider how authors drew upon their foreign status, as aliens, outsiders, or clients to conquering tribes, to transform politics. And we will ask why these authors invoke and re-imagine particular models of the just world to represent their ideal notions of sovereignty, equity and justice. In the end, we will question how the foreign roots of ancient and medieval thought can help us fathom the basic underpinnings of founding documents today.

Fall 2014: POLS W4133

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4133	001/70295	T Th 4:10pm - 5:25pm 103 Knox Hall	Jennifer London	4	14/30

POLS W4134 Modern Political Thought. 4 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 2015: POLS W4134

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4134	001/67629	M W 11:40am - 12:55pm 702 Hamilton Hall	Nadia Urbinati	4	33/40

POLS G4610 Recent Continental Political Thought. 4 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 2014: POLS G4610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4610	001/25084	W 2:10pm - 4:00pm 711 International Affairs Bldg	Jean Cohen	4	18/40

POLS G4628 Philosophy of Social Science. 4 points.

The class will offer a “tool-box” approach or “mechanism” approach to social-science explanations. We will discuss basic issues in the philosophy of explanation as well as selected tools or mechanisms. The requirement for a quality grade in the course is a 15-20 page term paper, on some topic approved by the instructor. Students can write about a purely theoretical issue or they can choose an empirical problem to illustrate methodological controversies.

POLITICAL THEORY SEMINARS**POLS W3911 Seminar in Political Theory. 4 points.**

Prerequisites: Instructor's permission is required to register. Pre-registration is not permitted. Seminar in Political Theory. Pre-registration is not permitted. For most seminars, interested students must attend the first class meeting, after which the instructor will decide whom to admit. Senior majors receive priority, followed by junior majors, then all other students.

Fall 2014: POLS W3911

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3911	001/83297	M 2:10pm - 4:00pm 711 International Affairs Bldg	Jean Cohen	4	8/15

POLS W3912 Seminar in Political Theory. 4 points.

Prerequisites: Instructor's permission is required to register. Pre-registration is not permitted. Seminar in Political Theory Pre-registration is not permitted. For most seminars, interested students must attend the first

class meeting, after which the instructor will decide whom to admit. Senior majors receive priority, followed by junior majors, then all other students.

Spring 2015: POLS W3912

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3912	001/15236	M 4:10pm - 6:00pm 711 International Affairs Bldg	Jon Elster	4	18/15

METHODS**POLS W3220 Logic of Collective Choice. 3 points.**

Much (most?) of politics is about combining individual preferences or actions into collective choices. We will make use of two theoretical approaches. Our primary approach will be social choice theory, which studies how we aggregate what individuals want into what the collective “wants.” The second approach, game theory, covers how we aggregate what individuals want into what the group gets, given that social, economic, and political outcomes usually depend on the interaction of individual choices. The aggregation of preferences or choices is usually governed by some set of institutional rules, formal or informal. Our main themes include the rationality of individual and group preferences, the underpinnings and implications of using majority rule, tradeoffs between aggregation methods, the fairness of group choice, the effects of institutional constraints on choice (e.g., agenda control), and the implications for democratic choice. Most of the course material is highly abstract, but these abstract issues turn up in many real-world problems, from bargaining between the branches of government to campus elections to judicial decisions on multi-member courts to the allocation of relief funds among victims of natural disasters to the scoring of Olympic events. The collective choice problem is one faced by society as a whole and by the smallest group alike.

Fall 2014: POLS W3220

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3220	001/69396	T Th 11:40am - 12:55pm 603 Hamilton Hall	Jeffrey Lax	3	38/40

POLS W3704 Data Analysis & Statistics for Political Science Research. 3 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.

Spring 2015: POLS W3704

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3704	001/64756	T Th 2:40pm - 3:55pm 209 Havemeyer Hall	John Huber	3	91/100

POLS W3721 Scope and Methods Seminar. 4 points.

Discussion Section Required

STUDENTS MUST REGISTER FOR DISCUSSION SECTION

This course introduces students to the logic of social scientific inquiry and research methods in political science. Topics include descriptive and causal inference, lab and field experiments, public opinion surveys, and comparative case studies. Students will learn some basic statistics and do data analysis with the statistical programming language R.

Fall 2014: POLS W3721

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3721	001/76397	W 4:10pm - 6:00pm 410 International Affairs Bldg	Daniel Corstange	4	19

POLS W4209 Game Theory and Political Theory. 4 points.

Application of noncooperative game theory to strategic situations in politics. Solution concepts, asymmetric information, incomplete information, signaling, repeated games, and folk theorems. Models drawn from elections, legislative strategy, interest group politics, regulation, nuclear deterrence, international relations, and tariff policy.

Spring 2015: POLS W4209

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4209	001/70493	T Th 8:40am - 9:55am 503 Hamilton Hall	John Huber	4	31/40

POLS W4210 Research Topics in Game Theory. 4 points.

Prerequisites: POLS W4209 or Instructor's Permission. Advanced topics in game theory will cover the study of repeated games, games of incomplete information and principal-agent models with applications in the fields of voting, bargaining, lobbying and violent conflict. Results from the study of social choice theory, mechanism design and auction theory will also be treated. The course will

concentrate on mathematical techniques for constructing and solving games. Students will be required to develop a topic relating political science and game theory and to write a formal research paper. Prerequisite: W4209 or instructor's permission.

Fall 2014: POLS W4210

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4210	001/13909	M W 4:10pm - 5:25pm 402 International Affairs Bldg	Michael Ting	4	10

POLS W4291 Advanced Topics in Quantitative Research. 4 points.

Instruction in methods for models that have dependent variables that are not continuous, including dichotomous and polychotomous response models, models for censored and truncated data, sample selection models and duration models.

Spring 2015: POLS W4291

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4291	001/64124	T Th 10:10am - 11:25am 467 Schermerhorn Hall	Gregory Wawro	4	10/40

POLS W4292 Advanced Topics in Quantitative Research: Models for Panel & Time-Series Cross-Section Data. 4 points.

This course covers methods for models for repeated observations data. These kinds of data represent tremendous opportunities as well as formidable challenges for making inferences. The course will focus on how to estimate models for panel and time-series cross-section data. Topics covered include fixed effects, random effects, dynamic panel models, random coefficient models, and models for qualitative dependent variables.

Spring 2015: POLS W4292

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4292	001/26782	T Th 1:10pm - 2:25pm 516 Hamilton Hall	Gregory Wawro	4	11

POLS W4365 Design & Analysis of Sample Surveys. 4 points.

Prerequisites: Basic statistics and regression analysis (for example: POLS 4911, STAT 2024 or 4315, SOCI 4075, etc.) Survey sampling is central to modern social science. We discuss how to design, conduct, and analyze surveys, with a particular focus on public opinion surveys in the United States.

Spring 2015: POLS W4365

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4365	001/21616	M W 8:40am - 9:55am 304 Hamilton Hall	Andrew Gelman	4	15/40

POLS G4371 Lab Experiments & Formal Theories. 4 points.

Prerequisites: POLS W4209 OR POLS W4210

This course provides an overview of experimental methods in Economics and Political Science, with a strong foundation in microeconomics and formal political theory. Covered topics will include public goods provision, repeated games and cooperation, bilateral and multilateral bargaining, elections and electoral systems, turnout and behavioral game theory.

Spring 2015: POLS G4371

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4371	001/66740	T 10:10am - 12:00pm 711 International Affairs Bldg	Salvatore Nunnari	4	8/15

POLS W4802 Methods of Inquiry and Research Design. 4 points.**Spring 2015: POLS W4802**

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4802	001/71249	T 2:10pm - 4:00pm 711 International Affairs Bldg	Virginia Page Fortna	4	9/18

POLS W4910 Principles of Quantitative Political Research. 4 points.

Introduction to the use of quantitative techniques in political science and public policy. Topics include descriptive statistics and principles of statistical inference and probability through analysis of variance and ordinary least-squares regression. Computer applications are emphasized.

Fall 2014: POLS W4910

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4910	001/17621	T Th 10:10am - 11:25am 702 Hamilton Hall	Robert Shapiro	4	58/60

POLS W4911 Analysis of Political Data. 4 points.

Prerequisite: *POLS W4910* or the equivalent. Multivariate and time-series analysis of political data. Topics include time-series regression, structural equation models, factor analysis, and other special topics. Computer applications are emphasized.

Spring 2015: POLS W4911

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4911	001/22728	T Th 10:10am - 11:25am 417 Mathematics Building	Robert Shapiro	4	44/70

POLS W4912 Multivariate Political Analysis. 4 points.

Prerequisites: Basic data analysis and knowledge of basic calculus and matrix algebra OR concurrent enrollment in POLS W4360. More mathematical treatment of topics covered in POLS W4910 and W4911. Covers fundamentals of probability and statistics and examines problems encountered in multivariate analysis of cross-sectional and time-series data.

Examines problems encountered in multivariate analysis of cross-sectional and time-series data. More mathematical treatment of topics covered in POLS W4911.

Fall 2014: POLS W4912

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 4912	001/81279	M W 10:10am - 11:25am 414 Pupin Laboratories	Benjamin Goodrich	4	19/40

SENIOR HONORS SEMINAR**POLS C3998 Senior Honors Seminar. 4 points.**

Prerequisite: admission to the departmental honors program. A two-term seminar for students writing the senior honors thesis.

Fall 2014: POLS C3998

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3998	001/61320	T 4:10pm - 6:00pm 711 International Affairs Bldg	Macartan Humphreys	4	16

POLS C3999 Senior Honors Seminar. 4 points.

Prerequisite: admission to the departmental honors program. A two-term seminar for students writing the senior honors thesis.

Spring 2015: POLS C3999

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3999	001/63887	M 9:00am - 10:50am 711 International Affairs Bldg	Macartan Humphreys	4	13

INDEPENDENT READING AND RESEARCH**POLS W3901 Independent Reading and Research I. 1-6 points.**

Fall 2014: POLS W3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3901	001/82449		John Sivoilella	1-6	1
POLS 3901	002/27812		Judith Russell	1-6	1
POLS 3901	003/92206		Kimberly Marten	1-6	1
POLS 3901	004/77220		Dorian Warren	1-6	1
POLS 3901	005/12851		Robert Amdur	1-6	2
POLS 3901	006/76704		Sharyn O'Halloran	1-6	1
POLS 3901	007/68465		David Johnston	1-6	1
POLS 3901	008/63647		Luke MacInnis	1-6	1
POLS 3901	009/63057		Fredrick Harris	1-6	1

POLS W3902 Independent Reading and Research II. 1-6 points.**Spring 2015: POLS W3902**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLS 3902	001/18454		Judith Russell	1-6	2
POLS 3902	002/13002		John Sivoilella	1-6	4
POLS 3902	003/01448		Severine Autesserre	1-6	1
POLS 3902	004/83053		Robert Amdur	1-6	2
POLS 3902	005/66297		Brigitte Nacos	1-6	2
POLS 3902	006/91299		Kathleen Knight	1-6	1
POLS 3902	007/79284		Alfred Stepan, Duncan McCargo	1-6	1
POLS 3902	008/68462		Fredrick Harris	1-6	1
POLS 3902	009/18457		Kimberly Marten	1-6	1
POLS 3902	010/69289		Sharyn O'Halloran	1-6	1
POLS 3902	011/11947		Kimberly Marten	1-6	0
POLS 3902	012/92599		Raymond Smith	1-6	1

Economics

ECPS W4921	Seminar In Political Economy
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Human Rights Studies (Barnard)

HRTS V3001	Introduction to Human Rights
HRTS W3930	International Humanitarian Law and Human Rights

Human Rights

HRTS V3001	Introduction to Human Rights
HRTS W3930	International Humanitarian Law and Human Rights
HRTS W3950	Human Rights and Human Wrongs

Political Science (Barnard)

POLS BC3805	*Colloquium on International Organization
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OF RELATED INTEREST**Classics**

CLCV W4145	Ancient Political Theory
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PSYCHOLOGY

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Preclinical Adviser: Prof. E'mett McCaskill, 415O Milbank;
 212-854-8601; emccaski@barnard.edu

Administrative Coordinator: Joanna Borchert-Kopczuk, 406 Schermerhorn; 212-854-3940; jb2330@columbia.edu

Undergraduate Curriculum Assistant: Paulo Ribeiro, 406 Schermerhorn; 212-854-8859; uca@psych.columbia.edu

Undergraduate InfoPack: <http://www.columbia.edu/cu/psychology/dept/ugrad/infopack.html>

The mission of the undergraduate programs in the Department of Psychology (<http://www.columbia.edu/cu/psychology>) is to offer students a balanced curriculum in psychological science, including research methods, perception, cognition, neuroscience, developmental, social, personality, and clinical areas. The curriculum prepares majors for graduate education in these fields and 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.

The department's program goals (<http://www.columbia.edu/cu/psychology/dept/ugrad/goals.html>) 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 (<http://www.columbia.edu/cu/psychology/dept/ugrad/goals.html>) are introduced in PSYC W1001 The Science of Psychology, the recommended first psychology course required for all majors, which satisfies the prerequisite for most 2000-level courses. These goals are extended and reinforced in our statistics PSYC W1610 Introductory Statistics for Behavioral Scientists and research methods (1400s) laboratory 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 W1001 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) sensation/perception/cognition, (2) behavioral neuroscience, and (3) social/personality/abnormal. 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.

All qualified students are welcome to participate in research project opportunities within the Department of Psychology. Students may volunteer to work in a lab, register for supervised individual research (PSYC W3950 Supervised Individual Research), or participate in the department's two-year Honors Program. Information on faculty research (<http://www.columbia.edu/cu/psychology/lists/core.html>) is available on the department's website. Students are advised to read about research laboratories on faculty lab sites (<http://www.columbia.edu/cu/psychology/research/facultyresearch/researchlabs.html>) and visit the professor's office hours (<http://www.columbia.edu/cu/psychology/lists/office-hours.html>) 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.

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 the Undergraduate InfoPack (<http://www.columbia.edu/cu/psychology/dept/ugrad/infopack.html>). Students wishing to declare a psychology major must first complete a Major Declaration Checklist

(<http://www.columbia.edu/cu/psychology/dept/ugrad/PSYC.html>) and obtain departmental approval. All majors and concentrators in psychology and majors in neuroscience and behavior should complete a Major Requirement Checklist (<http://www.columbia.edu/cu/psychology/dept/ugrad/checklists/checklistsample.html>) before consulting a program adviser to discuss program plans and before beginning their final semester.

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 (<http://www.columbia.edu/cu/psychology/dept/ugrad/Advising>) 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 or the Undergraduate Curriculum Assistant in the department office. Program Adviser assignments and contact information are provided on the Program Adviser page. Students who cannot contact their adviser should consult Prof. Putnam. For additional information about program, faculty, peer, and pre-clinical advising, please see the Psychology Undergraduate Advising Resources (<http://www.columbia.edu/cu/psychology/dept/ugrad/Advising>) website.

E-MAIL 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 department office.

GUIDE TO COURSE NUMBERS

Course numbers reflect the structure of the psychology curriculum:

- The *1000*-level contains introductions to psychology, introductory laboratory courses, and statistics. PSYC W1001 The Science of Psychology and PSYC W1010 Mind, Brain and Behavior are introductory courses with

no prerequisites. Either one can serve as the prerequisite for most of the *2000*-level courses. However, most students find it advantageous to take PSYC W1001 The Science of Psychology first.

- The *2000*-level contains lecture courses that are introductions to areas within psychology; most require PSYC W1001 The Science of Psychology or PSYC W1010 Mind, Brain and Behavior as a prerequisite.
- The *3000*-level contains more advanced and specialized undergraduate courses; most are given in a seminar format and require instructor permission.
- The *3900s* are the courses providing research opportunities for undergraduates.
- The *4000*-level contains advanced seminars suitable for both advanced undergraduates and graduate students.

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 (*2200s*, *3200s*, and *4200s*),
2. psychobiology and neuroscience (*2400s*, *3400s*, and *4400s*), and
3. social, personality, and abnormal (*2600s*, *3600s*, and *4600s*).

Note that Barnard psychology courses do not follow the same numbering scheme.

HONORS PROGRAM

The department offers a two-year Honors Program (<http://www.columbia.edu/cu/psychology/dept/ugrad/honors.html>) , designed for a limited number of juniors and seniors interested in participating in research. Beginning in the first term of junior year and continuing through senior year, students take PSYC W3910 Honors Seminar and simultaneously participate in an honors research course (PSYC W3920 Honors Research) under the supervision of a member of the department. Students make a formal presentation and complete an honors essay based on this research toward the end of their senior year.

To qualify for honors, students must take a total of 6 points beyond the number required for their major and satisfy all other requirements for the major. The additional 6 points may include the Honors seminar and research courses. Interested students should apply at the end of their sophomore year. Instructions and an application form are available on the department's website (<http://www.columbia.edu/cu/psychology/dept/ugrad/honors.html>) . Normally no more than 10% of the graduating majors each year may receive departmental honors.

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 W1001 The Science of Psychology

A course in statistics such as one of the following:

PSYC W1610 Introductory Statistics for Behavioral Scientists

STAT W1001 Introduction to Statistical Reasoning

STAT W1111 Introduction to Statistics (without calculus)

STAT W1211 Introduction to Statistics (with calculus)

A laboratory course in experimental psychology such as one of the following:

PSYC W1420 Experimental Psychology: Human Behavior

PSYC W1450 Experimental Psychology: Social Cognition and Emotion

PSYC W1455 Experimental Psychology: Social and Personality

Students should also take a variety of more advanced undergraduate courses and seminars and participate in PSYC W3950 Supervised Individual Research.

Students interested in clinical psychology should obtain experience working in a community service program and supervised individual research experience. Students should consult the department's pre-clinical adviser, Prof. E'mett McCaskill (<http://www.columbia.edu/cu/psychology/fac-bios/McCaskillE/faculty.html>), 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 (<http://www.columbia.edu/cu/psychology/dept/ugrad/curriculum.html#grad>).

ON-LINE INFORMATION

The Department of Psychology maintains an active website (<http://www.columbia.edu/cu/psychology>), in which the Undergraduate InfoPack for Current Students (<http://www.columbia.edu/cu/psychology/dept/ugrad/infopack.html>) 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, 406 Schermerhorn, 212-854-8859, uca@psych.columbia.edu.

SCIENCE REQUIREMENT

PSYC W1001 The Science of Psychology, PSYC W1010 Mind, Brain and Behavior, and any PSYC course numbered in the W2200s or W2400s may be used to fulfill the science requirement.

W2600-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.

For more detailed information regarding psychology courses that may be applied toward the science requirement, see the *Core Curriculum* section in this bulletin.

For more detailed information regarding psychology courses that may be applied toward the science requirement, see *Core Requirements* (<http://bulletin.columbia.edu/archive/2014-15/general-studies/undergraduates/degree-fulfillment/core>) in the General Studies bulletin.

EVENING AND COLUMBIA SUMMER COURSES

The department normally offers at least one lab course (currently PSYC W1420 Experimental Psychology: Human Behavior and PSYC W1450 Experimental Psychology: Social Cognition and Emotion) 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 the wide variety of early morning (8:40 a.m.) classes, as well as Summer Session offerings, helpful in completing degree requirements.

Any "S" course offered by the Psychology Department during the Summer Session is applicable toward the same major requirement(s) as the corresponding "W" 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 W1001 The Science of Psychology.)

See *Academic Regulations — Study Outside Columbia College* in this Bulletin for additional information.

See *Summer Courses* (<https://gs.columbia.edu/summer-courses>) for policies governing Summer Session courses.

FACULTY PROFESSORS

- Niall Bolger
- Geraldine Downey
- William Fifer (Psychiatry, Pediatrics)

- David Friedman (Psychiatry)
- Norma Graham
- Tory Higgins
- Donald C. Hood
- Sheena S. Iyengar (Business School)
- David Krantz
- Leonard Matin
- Janet Metcalfe
- Walter Mischel
- Michael Morris (Business School)
- Kevin Ochsner
- Lois Putnam
- Rae Silver (Barnard)
- Ursula M. Staudinger (Mailman School of Public Health)
- Yaakov Stern (Neurology and Psychiatry)
- Herbert Terrace
- Elke Weber

ASSOCIATE PROFESSORS

- Frances Champagne
- Carl Hart
- Valerie Purdie-Vaughns
- Daphna Shohamy
- Lisa Son (Barnard)
- Nim Tottenham
- Sarah M.N. Woolley (Chair)

ASSISTANT PROFESSORS

- James Curley
- Christian Habeck (Neurology)
- Dean Mobbs
- Joshua New (Barnard)

ADJUNCT FACULTY

- Philip Costanzo
- Katherine Thompson Fox-Glassman
- Yunglin Gazes
- Greg Jensen
- Karen Kelly
- E'mett McCaskill
- Michele Miozzo
- Katherine Nautiyal
- Kathleen Taylor

LECTURER IN DISCIPLINE

- Patricia Lindemann

ON LEAVE

- Prof. Hood (2014-2015)
- Profs. Graham and Putnam (Spring 2015)

REQUIREMENTS

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 must complete separate sets of required and related courses for each field. A single course may not be counted twice. Students should consult with one of the directors of undergraduate studies (<http://www.columbia.edu/cu/psychology/dept/ugrad/curriculum.html#advisors>) or departmental advisers if they have questions. Note that students attempting to complete two majors with a statistics requirement are generally able to use one course—e.g., STAT W1211 Introduction to Statistics (with calculus)—to satisfy the requirement for both majors (i.e., the student does not need to take two different statistics courses); however, the points for the course may only be applied to one of the majors.

Overlapping Courses

Students can not receive credit for two courses—one at Columbia and one at Barnard—whose content largely overlaps (e.g., PSYC BC1001 Introduction to Psychology **and** PSYC W1001 The Science of Psychology **or** PSYC BC1138 Social Psychology **and** PSYC W2630 Social Psychology). Please refer to the table of Overlapping Courses (http://www.columbia.edu/cu/psychology/dept/ugrad/exceptions/bc_overlapping.pdf) for a partial list of courses 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 psychology major, psychology concentration, or neuroscience and behavior major credit. 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. Courses taken on a Pass/Fail basis may not be used to satisfy the major or concentration requirements under any circumstances.

MAJOR IN PSYCHOLOGY

Please read *Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors* (p. 687) above.

Thirty or more points are needed to complete the major (<http://www.columbia.edu/cu/psychology/dept/ugrad/curriculum.html#psych>) and must include:

The Introductory Psychology Course

- PSYC W1001 The Science of Psychology

A Statistics Course

Select one of the following:

- PSYC W1610 Introductory Statistics for Behavioral Scientists
- STAT W1001 Introduction to Statistical Reasoning
- STAT W1111 Introduction to Statistics (without calculus)
- STAT W1211 Introduction to Statistics (with calculus)

A Laboratory Course

Select one of the following:

- PSYC W1420 Experimental Psychology: Human Behavior
- PSYC W1450 Experimental Psychology: Social Cognition and Emotion
- PSYC W1455 Experimental Psychology: Social and Personality

Majors are strongly advised to complete the statistics and laboratory requirements, in that order, by the fall term of their junior year. Students are advised to verify the specific prerequisites for laboratory 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 laboratory courses described above):

- Group I—Perception and cognition: courses numbered in the *2200s*, *3200s*, or *4200s*. Also PSYC W1420 Experimental Psychology: Human Behavior.
- Group II—Psychobiology and neuroscience: courses numbered in the *2400s*, *3400s*, or *4400s*. Also PSYC W1010 Mind, Brain and Behavior
- Group III—Social, personality, and abnormal: courses numbered in the *2600s*, *3600s*, or *4600s*. Also PSYC W1450 Experimental Psychology: Social Cognition and Emotion and PSYC W1455 Experimental Psychology: Social and Personality

No course may be counted twice in fulfillment of the above requirements.

Seminar Requirement

For students entering Columbia in Fall 2013, or later, one seminar course numbered in the *3000s* or *4000s* must be taken for 3 or more points. Seminars are usually taken in the

senior year as a culmination of the major program. Seminar courses require permission of the instructor; students are advised to contact instructors one month prior to registration to obtain permission to register. Note that Honors and Supervised individual research courses (PSYC W3920 Honors Research and PSYC W3950 Supervised Individual Research) are not seminar courses and will not meet the seminar requirement.

No course may be counted twice in fulfillment of the above major requirements, with the following exception: a seminar course may fulfill both the seminar requirement and a group requirement if it meets the criteria for both.

Additional Courses

Additional Courses ("electives") must be taken for a total of 30 points. As described below, these may include research courses, transfer courses, and Barnard psychology courses not approved for specific requirements.

Research Credits

No more than 4 points of PSYC W3950 Supervised Individual Research may be taken in any one term, and no more than 8 points total of research and field work courses (PSYC W3950 Supervised Individual Research, PSYC BC3466 Field Work and Research Seminar: The Barnard Toddler Center, PSYC BC3473 Field Work Seminar in Psychological Services and Counseling, 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).

Barnard Courses

No more than 9 points from Barnard psychology courses may be applied as credit toward the major. The table of approved Barnard psychology courses (http://www.columbia.edu/cu/psychology/dept/ugrad/exceptions/bc_approved.pdf) 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 a program adviser. Courses not on the approved list for a specific requirement may be applied as elective credit toward the 30 points for the major.

Transfer Credits

No more than 9 transfer credits (including Barnard credits) are accepted toward the psychology major. 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. Approval of transfer credits to fulfill psychology requirements **must** be obtained in writing from a psychology program adviser on the Major Requirement Substitution Form (<http://www.columbia.edu/cu/psychology/dept/ugrad/exceptions/exceptionsNB.html>). 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. With the exception of approved Barnard courses, students should consult one of the directors of undergraduate studies (<http://www.columbia.edu/cu/psychology/dept/ugrad/curriculum.html#advisors>) before registering for psychology courses outside the department.

Students who have completed an introductory psychology course at another institution prior to declaring a psychology major should consult one of the directors of undergraduate studies (<http://www.columbia.edu/cu/psychology/dept/ugrad/curriculum.html#advisors>) 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 W1001 The Science of Psychology or PSYC BC1001 Introduction to Psychology to complete this major requirement. Note that College Board Advanced Placement (AP) psychology scores do **not** satisfy the PSYC W1001 The Science of Psychology requirement, nor do they confer elective credit toward the major.

MAJOR IN NEUROSCIENCE AND BEHAVIOR

Please read *Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors* (p. 687) 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 (<http://www.columbia.edu/cu/psychology/dept/ugrad/planning.html>) website and use the appropriate Major Requirement Checklist (<http://www.columbia.edu/cu/psychology/dept/ugrad/checklists/checklistsample.html>).

No course may be counted twice in fulfillment of the biology or psychology requirements described below. Most 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 general chemistry (or the high school equivalent), 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 (<http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/neuro.html>).

Required Biology Courses

1. BIOL C2005 Introductory Biology I: Biochemistry, Genetics & Molecular Biology

2. BIOL C2006 Introductory Biology II: Cell Biology, Development & Physiology
3. BIOL W3004 Neurobiology I: Cellular and Molecular Neurobiology
4. BIOL W3005 Neurobiology II: Development & Systems
5. One additional 3000- or 4000-level biology course from a list approved by the biology adviser (<http://www.columbia.edu/cu/biology/pages/undergrad/cur/majors/neuro.html>) to the program.

Required Psychology Courses

1. PSYC W1001 The Science of Psychology
2. PSYC W1010 Mind, Brain and Behavior or PSYC W2450 Behavioral Neuroscience
3. Select a statistics or lab course from the following:
 - PSYC W1420 Experimental Psychology: Human Behavior
 - PSYC W1450 Experimental Psychology: Social Cognition and Emotion
 - PSYC W1610 Introductory Statistics for Behavioral Scientists
 - STAT W1111 Introduction to Statistics (without calculus)
 - STAT W1211 Introduction to Statistics (with calculus)
4. One additional 2000- or 3000-level psychology lecture course from a list approved by the psychology adviser (<http://www.columbia.edu/cu/psychology/dept/ugrad/curriculum.html#p4>) to the program.
5. One advanced psychology seminar from a list approved by the psychology adviser (<http://www.columbia.edu/cu/psychology/dept/ugrad/curriculum.html#p5>) to the program.

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 (<http://www.columbia.edu/cu/psychology/dept/ugrad/exceptions/exceptionsNB.html>). **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.** Advanced placement (AP) psychology scores will **not** satisfy the PSYC W1001 The Science of Psychology 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 an adviser.

CONCENTRATION IN PSYCHOLOGY

Please read *Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors* (p. 687) above.

A concentration in psychology (<http://www.columbia.edu/cu/psychology/dept/ugrad/curriculum.html#conc>) requires a minimum of 18 points, including PSYC W1001 The Science of Psychology 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 from PSYC W3950 Supervised Individual Research, PSYC BC3466 Field Work and Research Seminar: The Barnard Toddler Center, PSYC BC3473 Field Work Seminar in Psychological Services and Counseling, PSYC BC3592 Senior Research Seminar and PSYC BC3599 Individual Projects,
2. Only 5 points from Barnard (including PSYC BC1001 Introduction to Psychology), and
3. Only 5 points total (including any Barnard points) from psychology courses taken outside the department may be applied toward 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 concentration.

COURSES

PSYC W1001 The Science of Psychology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Enrollment may be limited. Attendance at the first two class periods is mandatory. 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.

Fall 2014: PSYC W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/27222	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3	184/150

PSYC 1001	002/10726	M W 8:40am - 9:55am 501 Schermerhorn Hall	Kathleen Taylor	3	154/150
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Spring 2015: PSYC W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1001	001/23477	T Th 1:10pm - 2:25pm 501 Schermerhorn Hall	Patricia Lindemann	3	153/200
PSYC 1001	002/29672	T Th 8:40am - 9:55am 501 Schermerhorn Hall	Karen Kelly	3	139/170
PSYC 1001	003/24239	M W 1:10pm - 2:25pm 501 Schermerhorn Hall	James Cornwell, Tina Kao	3	168/200

PSYC W1010 Mind, Brain and Behavior. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Introduction to the biological approach to the experimental study of behavior. Includes consideration of the types of biological data relevant to psychology, as well as the assumptions and logic permitting the interpretation of biological data in psychological terms.

Fall 2014: PSYC W1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1010	001/17331	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Dean Mobbs	3	180/200

Spring 2015: PSYC W1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1010	001/74177	M W 2:40pm - 3:55pm 501 Schermerhorn Hall	Daphna Shohamy	3	138/200

PSYC W1420 Experimental Psychology: Human Behavior. 4 points.

Lab Required

Prerequisites: *PSYC W1001* or *PSYC W1010*, and a statistics course (*PSYC W1610* or the equivalent), or the instructor's permission.

Corequisites: *PSYC W1421*

Attendance at the first class is mandatory. Fee: \$70.

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 2015: PSYC W1420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1420	001/73357	M 4:10pm - 6:00pm 614 Schermerhorn Hall	Patricia Lindemann	4	60/72

PSYC W1421 Experimental Psychology: Human Behavior (Lab). 0 points.

Corequisites: *PSYC W1420*

Required lab section for *PSYC W1420*. Enrollment limited in each section.

Spring 2015: PSYC W1421

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1421	001/25075	M 6:10pm - 8:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	16/18
PSYC 1421	002/10391	M 6:10pm - 8:00pm 200c Schermerhorn Hall	Patricia Lindemann	0	14/18
PSYC 1421	003/87497	M 8:10pm - 10:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	14/18
PSYC 1421	004/26206	W 6:10pm - 8:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	17/18
PSYC 1421	005/74947	T 6:10pm - 8:00pm 200b Schermerhorn Hall	Patricia Lindemann	0	0/0

PSYC W1450 Experimental Psychology: Social Cognition and Emotion. 4 points.

Lab Required

Prerequisites: *PSYC W1001* or *PSYC W1010*, and a statistics course (*PSYC W1610* or the equivalent), or the instructor's permission. Fee: \$70.

Corequisites: *PSYC W1451*. Attendance at the first class is essential. Majors have priority.

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 2014: PSYC W1450

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1450	001/28937	M 4:10pm - 6:00pm 614 Schermerhorn Hall	Kevin Ochsner	4	57/80

PSYC W1451 Experimental Psychology: Social Cognition and Emotion (Lab). 0 points.

Corequisites: *PSYC W1450*

Required Lab for *PSYC W1450*. Limited enrollment in each section.

Fall 2014: PSYC W1451

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1451	001/26623	M 6:10pm - 8:00pm Room TBA	Kevin Ochsner	0	14/18
PSYC 1451	002/73424	W 6:10pm - 8:00pm Room TBA	Kevin Ochsner	0	19/18
PSYC 1451	003/73755	M 8:10pm - 10:00pm Room TBA	Kevin Ochsner	0	7/18
PSYC 1451	004/71840	M 6:10pm - 8:00pm Room TBA	Kevin Ochsner	0	17/18
PSYC 1451	005/14187	T 4:10pm - 6:00pm Room TBA	Kevin Ochsner	0	0/18

PSYC W1455 Experimental Psychology: Social and Personality. 4 points.

Lab Required

Prerequisites: *PSYC W1001* or *PSYC W1010*, and a statistics course (*PSYC W1610* or the equivalent), or the instructor's permission.

Corequisites: *PSYC W1456*

Fee: \$70. 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.

Spring 2015: PSYC W1455

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1455	001/20563	M 10:10am - 12:00pm 200b Schermerhorn Hall	Niall Bolger	4	36/40

PSYC W1456 Experimental Psychology: Social and Personality (Lab). 0 points.

Required lab for *PSYC W1455*. Limited enrollment in each section.

Spring 2015: PSYC W1456

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1456	001/11056	W 10:10am - 12:00pm 200c Schermerhorn Hall	Niall Bolger	0	21/20
PSYC 1456	002/18474	W 2:10pm - 4:00pm 200c Schermerhorn Hall	Niall Bolger	0	14/20

PSYC W1610 Introductory Statistics for Behavioral Scientists. 4 points.

Lab Required

Prerequisites: *PSYC W1001* or *PSYC W1010*

Corequisites: *PSYC W1611*

Lecture and lab. Fee \$70. Recommended preparation: one course in behavioral science and knowledge of high school algebra. Majors have priority. Introduction to statistics that concentrates on problems from the behavioral sciences.

Fall 2014: PSYC W1610

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1610	001/20198	T Th 4:10pm - 5:25pm 200b Schermerhorn Hall	Gregory Jensen	4	32/60

PSYC W1611 Introductory Statistics for Behavioral Scientists (Lab). 0 points.

Corequisites: *PSYC W1610*

Enrollment limited in each session. Required lab section for *PSYC W1610*.

Fall 2014: PSYC W1611

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 1611	001/67165	Th 6:10pm - 8:00pm Room TBA	Gregory Jensen	0	15/15
PSYC 1611	002/75252	Th 8:10pm - 10:00pm Room TBA	Gregory Jensen	0	9/15
PSYC 1611	003/73379	F 10:10am - 12:00pm Room TBA	Gregory Jensen	0	8/15
PSYC 1611	004/23165	F 12:10pm - 2:00pm Room TBA	Gregory Jensen	0	0/0

PSYC W2220 Cognition: Memory and Stress. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC W1001* or *PSYC W1010*, or the instructor's permission.

Attendance at the first class is mandatory. Memory, attention, and stress in human cognition.

Fall 2014: PSYC W2220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2220	001/69639	M W 2:40pm - 3:55pm 614 Schermerhorn Hall	Janet Metcalfe	3	62/80

PSYC W2235 Thinking and Decision Making. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

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 2015: PSYC W2235

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2235	001/77668	T Th 6:10pm - 7:25pm 501 Schermerhorn Hall	Katherine Fox-Glassman	3	128/150

PSYC W2250 Evolution of Cognition. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC W1001* or *PSYC W1010*, 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.

Spring 2015: PSYC W2250

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2250	001/26558	T Th 11:40am - 12:55pm 200b Schermerhorn Hall Terrace	Herbert	3	27/95

PSYC W2280 Introduction to Developmental Psychology. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC W1001* or *PSYC W1010*, or the equivalent.

Enrollment may be limited. Attendance at the first two classes is mandatory. Introduction to the scientific study of human development, with an emphasis on psychobiological processes underlying perceptual, cognitive, and emotional development.

Spring 2015: PSYC W2280

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2280	001/62748	T Th 2:40pm - 3:55pm 614 Schermerhorn Hall	Nim Tottenham	3	93/95

PSYC W2440 Language and the Brain. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC W1001* or *PSYC W1010*, 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.

Fall 2014: PSYC W2440

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2440	001/61945	M W 11:40am - 12:55pm 702 Hamilton Hall	Michele Miozzo	3	48/80

PSYC W2450 Behavioral Neuroscience. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC W1001* or *PSYC W1010*, or the instructor's 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 2015: PSYC W2450

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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PSYC 001/17391 M W 8:40am - 9:55am Kathleen 3 51/95
2450 614 Schermerhorn Hall Taylor

PSYC W2460 Drugs and Behavior. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC W1001* or *PSYC W1010*, or the equivalent.

The effects of psychoactive drugs on the brain and behavior.

Fall 2014: PSYC W2460

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2460	001/71650	T Th 8:40am - 9:55am 614 Schermerhorn Hall	Carl Hart	3	98/125

PSYC W2480 The Developing Brain. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: *PSYC W1001* or *PSYC W1010*, 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.

Fall 2014: PSYC W2480

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2480	001/15656	M W 10:10am - 11:25am 614 Schermerhorn Hall	Frances Champagne	3	39/95

PSYC W2620 Abnormal Behavior. 3 points.

Prerequisites: an introductory psychology course.
Examines definitions, theories, and treatments of abnormal behavior.

Fall 2014: PSYC W2620

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2620	001/17834	T Th 6:10pm - 7:25pm 501 Schermerhorn Hall	E'mett McCaskill	3	127/160

PSYC W2630 Social Psychology. 3 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 2014: PSYC W2630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2630	001/75049	T Th 2:40pm - 3:55pm 501 Schermerhorn Hall	Tory Higgins	3	125/150

PSYC W2650 Introduction to Cultural Psychology. 3 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.

Spring 2015: PSYC W2650

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2650	001/27632	T Th 11:40am - 12:55pm 501 Schermerhorn Hall	Valerie Purdie-Vaughns	3	145/150

PSYC W2670 Social Development. 3 points.

Prerequisites: *PSYC W1001* or *W1010* 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.

Spring 2015: PSYC W2670

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 2670	001/76277	T Th 10:10am - 11:25am 614 Schermerhorn Hall	James Curley	3	89/95

PSYC W3250 Seminar in Space Perception (Seminar). 3 points.

Some background in psychology and/or neurophysiology is desirable (e.g., *PSYC W1001*, *PSYC W1010*, *PSYC W1480*, *PSYC W2230*; *BIOL C3004* or *BIOL C3005*). Other backgrounds may also be appropriate; contact instructor for permission to register. Space perception and spatial orientation in a three-dimensional physical world will be examined from a viewpoint that integrates neurophysiological and behavioral research. Experiments involve perceptual phenomena and measurement, and electrical and/or mechanical recording in normal and unusual environments (e.g., human centrifuge, zero-g).

PSYC W3255 Modern Classics in Visual Perception, Visual Science and Visual Neuroscience (Seminar). 3 points.

Prerequisites: Some background in perceptual or sensory processes or neurophysiology or physical sciences/math/computer science; contact instructor for permission to register. Reading and discussion of classic articles from the past 60 years providing a foundation for the rapidly expanding fields of visual perception, visual science, and visual neuroscience and their connections with computer modeling (with a sprinkling from research on audition); primary source articles

will be accompanied by secondary source and brief lecture material to introduce each topic.

PSYC W3270 Computational Approaches to Human Vision (Seminar). 3 points.

Prerequisites: some background in psychology and/or neurophysiology (e.g., *PSYC W1001*, *PSYC W1010*, *PSYC W2230*, *PSYC W2450*; *BIOL W3004* or *BIOL W3005*) 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 (nvg@psych.columbia.edu) if you are interested in this course].

Fall 2014: PSYC W3270

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3270	001/65916		Norma Graham	3	3/12

PSYC W3290 Self: A Cognitive Exploration (Seminar). 4 points.

Prerequisites: PSYC W1001 or W1010 (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.

Fall 2014: PSYC W3290

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3290	001/65419	Th 12:10pm - 2:00pm 405 Schermerhorn Hall	Karen Kelly	4	14/12

PSYC W3435 Neurobiology of Reproductive Behavior (Seminar). 4 points.

Prerequisites: at least two other psychology courses and the instructor's permission.

Reproduction encompasses a broad range of behaviors in the life cycle of an organism from mate selection and copulation to parental care. This seminar will examine various aspects of reproduction across species and the neural mechanisms that regulate these behaviors and allow an organism to adapt to environmental change.

Spring 2015: PSYC W3435

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3435	001/25619	M 10:10am - 12:00pm 405 Schermerhorn Hall	Frances Champagne	4	11/12

PSYC W3450 Evolution of Intelligence and Consciousness (Seminar). 3 points.

Prerequisites: *PSYC W1001* or *PSYC W1010* and the instructor's permission.

A systematic review of the implications of Darwin's theory of evolution and Freud's theory of the unconscious for contemporary studies of animal and human cognition.

Fall 2014: PSYC W3450

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3450	001/17487	W 10:10am - 12:00pm 200c Schermerhorn Hall	Herbert Terrace	3	9/10

PSYC W3470 Brain Evolution: Becoming Human (Seminar). 4 points.

Prerequisites: at least two other psychology courses and the instructor's permission.

An investigation of the uniqueness of the human brain and human behavior from an evolutionary perspective.

Fall 2014: PSYC W3470

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3470	001/72600	F 10:10am - 12:00pm 405 Schermerhorn Hall	James Curley	4	8/15

PSYC W3615 Children at Risk (Lecture). 4 points.

Prerequisites: *PSYC W1010*, *PSYC W2280*, *PSYC W2620*, or *PSYC W2680*, and the instructor's permission.

Considers contemporary risk factors in children's lives. The immediate and enduring biological and behavioral impact of risk factors.

Fall 2014: PSYC W3615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3615	001/61994	T Th 10:10am - 12:00pm 200b Schermerhorn Hall	Geraldine Downey	4	8/40

PSYC W3625 Clinical Neuropsychology (Seminar). 3 points.

Prerequisites: an introductory course in Neuroscience, like *PSYC W1010* or *PSYC W2450*, 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.

Spring 2015: PSYC W3625

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3625	001/18990	T 6:10pm - 8:00pm 405 Schermerhorn Hall	E'mett McCaskill	3	15/12

PSYC W3628 Primate Social Psychology (Seminar). 4 points.

Prerequisites: Science of Psychology (*PSYC W1001*) or Mind, Brain, and Behavior (*PSYC W1010*), or equivalent introductory psychology course, plus instructor permission. This seminar covers recent progress in the growing field of primate social behavior and cognition. Most primate species live in complex social groups, requiring sophisticated knowledge of relationships and social processes in order to survive therein. Topics in this course range from aggression and dominance to affiliation, altruism and cooperation, with a special emphasis on contemporary debates such as the origin of moral systems and the question of animal 'culture.' Readings, discussions, and assignments will center on various theoretical and methodological approaches to the study of primate sociality, generating new insights and questions for pertinent dimensions of human social psychology.

Fall 2014: PSYC W3628

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3628	001/11197	W 12:10pm - 2:00pm 200c Schermerhorn Hall	Christine Webb	4	13

PSYC W3680 Social Cognitive Neuroscience (Seminar). 3 points.

Prerequisites: At least two of the following courses: *PSYC W1001*, *PSYC W1010*, *PSYC W2630*, *PSYC W3410*, *PSYC W3480*, *PSYC W3485*; and 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).

Fall 2014: PSYC W3680

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3680	001/75915	M 10:10am - 12:00pm 405 Schermerhorn Hall	Kevin Ochsner	3	10/12

PSYC W3910 Honors Seminar. 1 point.

Prerequisites: open only to students in the honors program.

Yearlong course. Students receive credit only after both terms have been completed. May be repeated for additional credit. Discussion of a variety of topics in psychology, with particular emphasis on recent developments and methodological problems. Students propose and discuss special research topics.

Fall 2014: PSYC W3910

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3910	001/27884	W 4:10pm - 6:00pm 405 Schermerhorn Hall	Daphna Shohamy	1	13

Spring 2015: PSYC W3910

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3910	001/74317	W 4:10pm - 6:00pm 405 Schermerhorn Hall	Kevin Ochsner	1	13

PSYC W3920 Honors Research. 1-4 points.

Prerequisites: open only to students in the honors program. 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 W3950* and *PSYC W3920*. No more than 12 points of *PSYC W3920* may be applied toward the honors program in psychology. May be repeated for additional credit. Special research topics arranged with instructors of the department leading toward a senior honors paper.

Fall 2014: PSYC W3920

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3920	001/15361		Daphna Shohamy	1-4	13

Spring 2015: PSYC W3920

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 3920	001/64368		Kevin Ochsner	1-4	13

PSYC W3950 Supervised Individual Research. 1-4 points.

Prerequisites: the instructor's 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 W3950* and *PSYC W3920*. No more than 8 points of *PSYC W3950* may be applied toward the psychology major, and no more than 4 points toward the concentration. May be repeated for credit. Readings, special laboratory projects, reports, and special seminars on contemporary issues in psychological research and theory.

Fall 2014: PSYC W3950

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment

PSYC 3950	001/20638	Niall Bolger	1-4	0	PSYC 3950	001/24712	Niall Bolger	1-4	1
PSYC 3950	002/72068	Frances Champagne	1-4	1	PSYC 3950	002/24894	Frances Champagne	1-4	1
PSYC 3950	003/20646	James Curley	1-4	2	PSYC 3950	003/75105	James Curley	1-4	4
PSYC 3950	004/20565	Geraldine Downey	1-4	0	PSYC 3950	004/69932	Geraldine Downey	1-4	2
PSYC 3950	005/72475	Norma Graham	1-4	0	PSYC 3950	005/62514	Norma Graham	1-4	1
PSYC 3950	006/26028	Carl Hart	1-4	0	PSYC 3950	006/10625	Carl Hart	1-4	0
PSYC 3950	007/23800	Tory Higgins	1-4	5	PSYC 3950	007/61627	Tory Higgins	1-4	4
PSYC 3950	008/74647	Donald Hood	1-4	2	PSYC 3950	008/28213	Donald Hood	1-4	2
PSYC 3950	009/11077	Sheena Iyengar	1-4	0	PSYC 3950	009/61660	Sheena Iyengar	1-4	0
PSYC 3950	010/69760	David Krantz	1-4	0	PSYC 3950	010/11421	David Krantz	1-4	0
PSYC 3950	011/62936	Leonard Matin	1-4	0	PSYC 3950	011/28298	Leonard Matin	1-4	0
PSYC 3950	012/22380	Janet Metcalfe	1-4	1	PSYC 3950	012/22856	Janet Metcalfe	1-4	0
PSYC 3950	013/12615	Michele Miozzo	1-4	0	PSYC 3950	013/73490	Michele Miozzo	1-4	0
PSYC 3950	014/71460	Walter Mischel	1-4	0	PSYC 3950	014/77674	Walter Mischel	1-4	0
PSYC 3950	015/20031	Dean Mobbs	1-4	0	PSYC 3950	015/13980	Dean Mobbs	1-4	0
PSYC 3950	016/19015	Michael Morris	1-4	0	PSYC 3950	016/69157	Michael Morris	1-4	0
PSYC 3950	017/74624	Kevin Ochsner	1-4	0	PSYC 3950	017/67338	Kevin Ochsner	1-4	1
PSYC 3950	018/28537	Valerie Purdie-Vaughns	1-4	4	PSYC 3950	018/28115	Valerie Purdie-Vaughns	1-4	6
PSYC 3950	019/22532	Lois Putnam	1-4	0	PSYC 3950	019/19402	Lois Putnam	1-4	0
PSYC 3950	021/17344	Daphna Shohamy	1-4	0	PSYC 3950	020/22923	Daphna Shohamy	1-4	0
PSYC 3950	022/14955	Rae Silver	1-4	0	PSYC 3950	021/25857	Rae Silver	1-4	0
PSYC 3950	023/21810	Ursula Staudinger	1-4	0	PSYC 3950	022/17026	Ursula Staudinger	1-4	0
PSYC 3950	024/10226	Yaakov Stern	1-4	1	PSYC 3950	023/10210	Yaakov Stern	1-4	3
PSYC 3950	025/13742	Kathleen Taylor	1-4	0	PSYC 3950	024/66008	Kathleen Taylor	1-4	0
PSYC 3950	026/26118	Herbert Terrace	1-4	2	PSYC 3950	025/19900	Herbert Terrace	1-4	1
PSYC 3950	027/63626	Nim Tottenham	1-4	0	PSYC 3950	026/18743	Nim Tottenham	1-4	0
PSYC 3950	028/75931	Elke Weber	1-4	0	PSYC 3950	027/20116	Elke Weber	1-4	0
PSYC 3950	029/14400	Sarah Woolley	1-4	0	PSYC 3950	028/64443	Sarah Woolley	1-4	0

Spring 2015: PSYC W3950

Course **Section/** **Times/Location**
Number **Call**
 Number

Instructor **Points** **Enrollment**

PSYC G4222 The Cognitive Neuroscience of Aging
(Seminar). 4 points.

Prerequisites: courses in introductory psychology, 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.

Fall 2014: PSYC G4222

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4222	001/60902	W 10:10am - 12:00pm 405 Schermerhorn Hall	Yunglin Gazes, Christian Habeck	4	11/15

PSYC G4223 Memory and Executive Function Thru the Lifespan. 4 points.

Prerequisites: Instructor's permission plus PSYC W1001 or W1010, 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.

Spring 2015: PSYC G4223

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4223	001/23444	W 12:10pm - 2:00pm 200c Schermerhorn Hall	David Friedman	4	11/12

PSYC G4235 Special Topics in Vision (Seminar). 3 points.

Prerequisites: instructor's permission.
May be repeated for additional credit. [Please contact Prof. Graham by e-mail (nvg@psych.columbia.edu) if you are interested in this course].

Fall 2014: PSYC G4235

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4235	001/29302		Norma Graham	3	6/12

PSYC G4250 Evolution of Intelligence, Cognition, and Language (Seminar). 3 points.

Prerequisites: W1001 or W1010 or the equivalent, based on instructor assessment, plus permission of one of the instructors.
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.

Spring 2015: PSYC G4250

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4250	001/92950	M 2:10pm - 4:00pm 200c Schermerhorn Hall	Herbert Terrace, Joshua New	3	11/15

PSYC G4255 Modern Classics in Visual Perception, Visual Science and Visual Neuroscience (Seminar). 3 points.

Prerequisites: some background in perceptual or sensory processes or neurophysiology or physical sciences/math/computer science; contact instructor for permission to register. Reading and discussion of classic articles from the past 60 years providing a foundation for the rapidly expanding fields of visual perception, visual science, and visual neuroscience and their connections with computer modeling (with a sprinkling from research on audition); primary source articles will be accompanied by secondary source and brief lecture material to introduce each topic.

PSYC G4270 Cognitive Processes (Seminar). 3 points.

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.

Fall 2014: PSYC G4270

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4270	001/07774	T 10:10am - 12:00pm 405 Schermerhorn Hall	Lisa Son	3	4/12

PSYC G4285 Multidisciplinary Approaches to Human Decision Making (Seminar). 1-3 points.

Prerequisites: *PSYC W1490* or *PSYC W2235*, and the instructor's permission.
Discussion of selected topics and issues in human decision making. May be repeated for additional credit.

Spring 2015: PSYC G4285

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4285	001/12442	Th 2:10pm - 4:00pm 405 Schermerhorn Hall	David Krantz	1-3	11/12

PSYC G4440 Topics in Neurobiology and Behavior (Seminar). 3 points.

Prerequisites: the instructor's permission.
Examines current topics in neurobiology and behavior.

Fall 2014: PSYC G4440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4440	001/67905	Th 4:10pm - 6:00pm 405 Schermerhorn Hall	Rae Silver	3	6/15

Spring 2015: PSYC G4440

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4440	001/73516	M 6:10pm - 8:00pm 405 Schermerhorn Hall	Carl Hart	3	16/15
PSYC 4440	002/64392	Th 4:10pm - 6:00pm 405 Schermerhorn Hall	Katherine Nautiyal	3	9/15

PSYC G4470 Psychology & Neuropsychology of Language (Seminar). 4 points.

Prerequisites: The instructor's permission (a course in the psychology of language or linguistics 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.

Spring 2015: PSYC G4470

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4470	001/11381	M 4:10pm - 6:00pm 200c Schermerhorn Hall	Michele Miozzo	4	9/12

PSYC G4480 Psychobiology of Infant Development (Seminar). 4 points.

Prerequisites: PSYC W1001 or W1010, a course in developmental psychology, and the instructor's 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 2015: PSYC G4480

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4480	001/69295	T 4:10pm - 6:00pm 200c Schermerhorn Hall	William Fifer	4	14/12

PSYC G4485 Affective Neuroscience (Seminar). 4 points.

Prerequisites: PSYC W1001 plus W1010 or 2450 or equivalent, plus permission of the instructor.
This seminar explores the neural systems and behaviors that underlie human, and sometimes animal, emotions. Question will include: why we have emotions, what is their survival value, why do we find funny jokes rewarding, and why we envy, feel guilt or joyfully embrace love. We will review some of the latest literature on these topics and discuss implications for understanding human behavior. We will finally discuss disorders such as depression, anxiety, aggression, and psychopathy that are associated with disruptions to the neural systems that regulate healthy emotion.

Fall 2014: PSYC G4485

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4485	001/65205	F 2:10pm - 4:00pm 200c Schermerhorn Hall	Dean Mobbs	4	13/12

Spring 2015: PSYC G4485

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4485	001/62572	T 10:10am - 12:00pm 405 Schermerhorn Hall	Dean Mobbs	4	15/12

PSYC G4486 Developmental and Affective Neuroscience (Seminar). 4 points.

Prerequisites: Courses in developmental psychology, and either research methods or affective neuroscience, and 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.

Fall 2014: PSYC G4486

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment

PSYC 001/79280 Th 2:10pm - 4:00pm Nim 4 8/12
4486 405 Schermerhorn Hall Tottenham

PSYC G4490 Inheritance (Seminar). 4 points.

Prerequisites: basic knowledge of biology and neuroscience recommended; 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.

Spring 2015: PSYC G4490

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4490	001/20353	W 10:10am - 12:00pm 405 Schermerhorn Hall	Frances Champagne	4	15/12

PSYC G4615 The Psychology of Culture and Diversity (Seminar). 4 points.

Prerequisites: the instructor's permission; 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 self, culture and social cognition, group and identity formation, science of diversity, stereotyping, prejudice, and gender. Applications to real-world phenomena discussed.

Fall 2014: PSYC G4615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4615	001/20327	T 2:10pm - 4:00pm 405 Schermerhorn Hall	Valerie Purdie-Vaughns	4	18/12
PSYC 4615	007/78049		Valerie Purdie-Vaughns	4	0/16
PSYC 4615	008/81998		Emily Steiker-Epstein	4	0/16
PSYC 4615	009/85998		Shelby Hartman	4	0/16

Spring 2015: PSYC G4615

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4615	001/67118	T 2:10pm - 4:00pm 405 Schermerhorn Hall	Valerie Purdie-Vaughns	4	8/21

PSYC G4630 Advanced Seminar in Current Personality Theory and Research (Seminar). 3 points.

Prerequisites: instructor's permission.

Open to psychology graduate students and advanced undergraduate psychology majors with the instructor's

permission. Critical review and analysis of basic and enduring issues in personality theory, assessment, and research.

Spring 2015: PSYC G4630

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4630	001/62650	M 4:10pm - 6:00pm 405 Schermerhorn Hall	Walter Mischel	3	11/12

PSYC G4690 Social Factors and Psychopathology (Seminar). 3 points.

Prerequisites: instructor's 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.

Spring 2015: PSYC G4690

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
PSYC 4690	001/72502	M 2:10pm - 4:00pm 405 Schermerhorn Hall	Geraldine Downey	3	13/30

REGIONAL STUDIES

EAST CENTRAL EUROPEAN CENTER

<http://ece.columbia.edu/>

Director: Prof. Alan Timberlake, 1228 International Affairs Building; 212-854-8488; at2205@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.

REQUIREMENTS

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.

COURSES

A current list of courses available to students interested in East Central European studies can be obtained from the Center (<http://ece.columbia.edu/>) , 1228 International Affairs Building.

RELIGION

Departmental Office: Room 103, 80 Claremont;
212-851-4122

<http://www.columbia.edu/cu/religion>

Director of Undergraduate Studies:

- Spring 2015: Prof. Gil Anidjar, Room 207, 80 Claremont; 212-851-4130; ga152@columbia.edu
- Fall 2014: Prof. Wayne Proudfoot, Room 301, 80 Claremont; 212-851-4142; wlp2@columbia.edu

Academic Department Administrator: Meryl Marcus, Room 103B, 80 Claremont; 212-851-4124; mm3039@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.

Majors and concentrators in religion gain both a foundation in the study of religious traditions in historical contexts and also grounding 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 both 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.

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 each year may receive departmental honors.

GRADUATE COURSES

Graduate courses of interest, open to qualified undergraduates with the instructor's permission, are described in the *Graduate School of Arts and Sciences Bulletin*.

COURSE NUMBERING

Courses are numbered by level and type:

1. 2000-level: Introductory and "traditions" lectures
2. 3000-level: Intermediate lecture
3. 4000-level: Undergraduate seminar

and field:

1. x000-099: Buddhism
2. x100-199: Christianity
3. x200-299: Hinduism
4. x300-399: Islam
5. x400-499: East Asian religious traditions
6. x500-599: Judaism
7. x600-699: North American religions
8. x700-799: Philosophy of religion
9. x800-899: Comparative
10. x900-999: Methodological, theoretical, research

FACULTY PROFESSORS

- Gil Anidjar
- Peter Awn
- Courtney Bender (Chair)
- Elizabeth Castelli (Barnard)
- Katherine Pratt Ewing

- Bernard Faure
- John Hawley (Barnard)
- Rachel McDermott (Barnard)
- Wayne Proudfoot
- Robert Somerville
- Mark Taylor
- Robert Thurman

ASSOCIATE PROFESSORS

- Beth Berkowitz (Barnard)
- Michael Como
- David (Max) Moerman (Barnard)

ASSISTANT PROFESSORS

- Najam Haider (Barnard)
- Katharina Ivanyi
- Gale Kenny (Barnard)
- Josef Sorett
- Zhaohua Yang

VISITING SCHOLAR

- Obery Hendricks

ADJUNCT FACULTY

- Ari Bergmann
- David Kittay
- George Rupp
- Thomas Yarnall

LECTURER, CLASSICAL TIBETAN

- Paul Hackett

REQUIREMENTS

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 both Western and Asian religious traditions. Students who write a senior thesis may include a term of individually supervised research as one of the courses for their major.

A minimum of 36 points is required as follows:

1. Two introductory courses to religious traditions (2000-level)
2. Four intermediate religion courses (3000-level)
3. Two seminars (4000-level)
4. Two related courses in other departments (must be approved by the director of undergraduate studies)
5. RELI V3799 Juniors Colloquium (4 points)

CONCENTRATION IN RELIGION

The program of study should 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 both Western and Asian religious traditions.

A minimum of 23 points is required as follows:

1. Two introductory courses to religious traditions (2000-level; one may be Barnard 2000)
2. Two intermediate religion courses (3000-level)
3. Two advanced seminars (4000-level)
4. One related course in another department (must be approved by the director of undergraduate studies)
5. RELI V3799 Juniors Colloquium (4 points)

COURSES

FALL 2014

RELI W4910 Religion and International Development: Theory and Practice. *4 points.*

Both the theory and the practice of international relief and development raise a host of normative as well as descriptive issues. This course will examine recent analyses of the impact of assistance programs on the social and cultural conditions in the developing world. While the focus will be on the economic and political developments, the role of religious communities will also be considered (on both the giving and the receiving ends of the aid transactions).

Fall 2014: RELI W4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4910	001/67147	Th 2:10pm - 4:00pm 201 80 Claremont	George Rupp	4	19/25

RELI W4905 Methods in the Study of Religion. *4 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). There will be an additional class meeting on Thursdays.

Fall 2014: RELI W4905

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4905	001/03701	T 4:10pm - 6:00pm 501 Diana Center	Najam Haider	4	4

RELI W4825 Religion, Gender, and Violence. *4 points.*

Investigates relations among religion, gender, and violence in the world today. Focuses on specific traditions with emphasis on historical change, variation, and differences in geopolitical location within each tradition, as well as among them at given historical moments.

Fall 2014: RELI W4825

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4825	001/02238	T 2:10pm - 4:00pm 502 Diana Center	Janet Jakobsen	4	19

RELI W4815 Technology, Religion, Future. *4 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.

Fall 2014: RELI W4815

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4815	001/17071	Th 4:10pm - 6:00pm 201 80 Claremont	David Kittay	4	26/30

RELI W4803 Religion Vs. The Academy. *4 points.*

Prerequisites: Sophomore Standing. At least one course in Religion.

Today we hear heated debates about the proper aims of education in relation to those of religion. The impact of the David Project's "Columbia Unbecoming" on the Department of MESAAS and the university as a whole (2008) is a case in point. More recently (2014), in response to threatened legal action from the Hindu right, Penguin Press of India has withdrawn Wendy Doniger's book "The Hindus" from circulation, generating an international controversy. This course focuses on case studies from India and the United States-sometimes parallel, sometimes divergent, sometimes overlapping. Wendy Doniger and Gurinder Singh Mann will be guests.

Fall 2014: RELI W4803

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4803	001/08247	W 4:10pm - 6:00pm 214 Milbank Hall	John Hawley	4	6

RELI W4723 Religious Experience and Mysticism. *4 points.*

An examination of the concepts of religious experience and mysticism and the social practices associated with them, with particular attention to how those concepts and practices have developed.

Fall 2014: RELI W4723

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4723	001/68892	Th 11:00am - 12:50pm 201 80 Claremont	Wayne Proudfoot	4	13/20

RELI W4522 The Production of Jewish Difference from Antiquity to the Present. 4 points.

Prerequisites: Hebrew Language; background in Jewish Studies

Explores how Jews from antiquity to modernity have struggled to create a distinct Jewish identity in the context of dominant non-Jewish cultures. Examines the interpretive history of Leviticus 18:3, "...and in their laws you shall not go," a verse that instructs Israel to be different from surrounding peoples. Considers Bible-reading as a means for creating identity and highlights the dynamics of negative identity definition (the self/Other binary). Emphasis is on primary texts from the Bible to modern Jewish legal responsa, but contemporary scholarship will accompany the sources.

Fall 2014: RELI W4522

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4522	001/06509	T 2:10pm - 4:00pm 303 Altschul Hall	Beth Berkowitz	4	7

RELI W4518 The Formation of the Talmud. 4 points.

Prerequisites: Basic knowledge or previous study of Talmud is required.

This seminar will explore the various theories about the formation of the Talmud, from the traditional view of Y. I. Halevy in Dorot Harishonim to the contemporary models of D. W. Halivni and Shamma Friedman. We will analyze their theories and their literary evidence while applying their models to the critical reading of the text. We will then explore a model which combines these theories in light of the oral matrix of the Talmud during its early phase. All texts will be read in the original but translations will be provided.

Fall 2014: RELI W4518

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4518	001/73598	T 6:10pm - 8:00pm 201 80 Claremont	Ari Bergmann	4	9/20

RELI W4170 History of Christianity: Topics in Pre-Modern Papal History. 4 points.

Prerequisites: Instructor's permission required.

An examination of a series of episodes that are of special consequence for papal history in Late Antiquity and the Middle Ages. Readings in both primary and secondary sources in English translation.

Fall 2014: RELI W4170

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4170	001/29720	M 4:10pm - 6:00pm 201 80 Claremont	Robert Somerville	4	6/20

RELI W3605 Religion on the Move: People, Passages and Possibilities in America. 3 points.

The history of religion is a history of movement. Perhaps nowhere is this truer than in the United States. From the civilizing missions of European empires, to the Great Migration of black Southerners to the North, to the forced displacement of millions into prisons and detention centers, Americans have been a people in motion, and their religions have moved with, through and (sometimes) in spite of them. In this interdisciplinary seminar, we will explore how religion and mobility in the United States have affected migrants and their being together. Through careful attention to their narratives, memories and traditions of living in diaspora, we will work to understand the making of subjects in motion, the possibilities of finding place, and the religious aesthetics of imagining new futures. *No prior knowledge of American religion or migration is required.

Fall 2014: RELI W3605

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3605	001/25849	T 4:10pm - 6:00pm 101 80 Claremont	Laura McTighe	3	8/15

RELI V3901 Guided Reading and Research. 1-3 points.

Prerequisite: the instructor's permission.

Fall 2014: RELI V3901

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/62266		Katharina Ivanyi	1-3	0
RELI 3901	002/22214		Peter Awn	1-3	4
RELI 3901	003/60955		Euan Cameron	1-3	0
RELI 3901	004/17224		Michael Como	1-3	0
RELI 3901	005/11841		Gary Dorrien	1-3	0
RELI 3901	006/29518		Gil Anidjar	1-3	0
RELI 3901	007/15444		Robert Somerville	1-3	0
RELI 3901	008/65245		John McGuckin	1-3	0
RELI 3901	009/64301		Wayne Proudfoot	1-3	1
RELI 3901	010/10978		Mark Taylor	1-3	0
RELI 3901	011/27305		Josef Sorett	1-3	0
RELI 3901	012/01180		John Hawley	1-3	0
RELI 3901	013/02673		Gale Kenny	1-3	0

RELI 3901	014/03612	Rachel McDermott	1-3	0
RELI 3901	015/03779	Najam Haider	1-3	0
RELI 3901	016/08764	David Moerman	1-3	0
RELI 3901	017/05677	Beth Berkowitz	1-3	0
RELI 3901	018/06011	Elizabeth Castelli	1-3	0
RELI 3901	019/60791	Paul Hackett	1-3	0
RELI 3901	020/82199	Thomas Yarnall	1-3	0

RELI V3805 Religion 101. 3 points.

What is religion? This reading intensive course will address a range of answers to the question "what is religion?" beginning with some of the reasons we might want to ask it. Acknowledging the urgency of the matter, the class is not a survey of all religious traditions. Rather, engaging with disciplines and scholarship within and without religious studies, it will contend with religion as a comparative problem between fields and traditions as well as between scholarly and methodological approaches.

Fall 2014: RELI V3805

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3805	001/63010	M W 4:10pm - 5:25pm 103 Knox Hall	Gil Anidjar	3	7/35

RELI V3799 Juniors Colloquium. 3 points.

An introduction to the comparative study of religion focusing on dominant approaches to the conceptualization, interpretation, and explanation of religious phenomena and on key issues relating to the methodologies appropriate to such investigations.

Fall 2014: RELI V3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3799	001/64989	T 2:10pm - 4:00pm 201 80 Claremont	Mark Taylor	3	5/25

Spring 2015: RELI V3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3799	001/03887	T 2:10pm - 4:00pm 303 Altschul Hall	Beth Berkowitz	3	12

RELI V3602 Religion in America I. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Survey of American religion from the Civil War to the present, with the emphasis on the ways religion has shaped American history, culture, identity.

Fall 2014: RELI V3602

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3602	001/06273	M W 1:10pm - 2:25pm 903 Altschul Hall	Gale Kenny	3	32

RELI V3730 Philosophy of Religion. 3 points.

Introduction to classical and contemporary issues, including those raised by the comparative study of religion.

Fall 2014: RELI V3730

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3730	001/87547	M W 2:40pm - 3:55pm 414 Pupin Laboratories	Wayne Proudfoot	3	20

RELI V3311 Islam in the Post-Colonial World. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

This course focuses on the multiple manifestations of the Islamic vision in the modern world. It begins with a survey of core Muslim beliefs before shifting to an examination of the impact of colonization and secular modernity on contemporary formulations of Islam.

Fall 2014: RELI V3311

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3311	001/02425	T Th 1:10pm - 2:25pm 325 Milbank Hall	Najam Haider	3	12

RELI V3120 Introduction to the New Testament. 3 points.

An introduction, by critical methods, to the religious history of the Christian movement in the New Testament period.

Fall 2014: RELI V3120

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3120	001/04321	M W 10:10am - 11:25am 307 Milbank Hall	Elizabeth Castelli	3	15

RELI V2800 Religion and the Modern World. 3 points.

An exploration of how religion has shaped modern society and culture and has influenced science, politics, economics and art. The course begins with the Reformation and proceeds to consider the critiques of religion during the Enlightenment and the responses to these critiques during the 19th and early 20th century. Consideration is also given to the theological

background of leading social theorists like Adam Smith, Marx, Freud, Durkheim and Nietzsche.

Fall 2014: RELI V2800

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2800	001/12527	M W 10:10am - 11:25am 201 80 Claremont	Mark Taylor	3	9/25

RELI V2505 Intro to Judaism. 3 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.

Fall 2014: RELI V2505

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2505	001/06829	T Th 10:10am - 11:25am LI104 Diana Center	Beth Berkowitz	3	16

RELI V2305 Islam. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Islamic institutions, ideas, and spirituality; their origin and development in the formative and classical periods (7th-13th century A.D.); and their continued evolution in a variety of cultural settings.

Fall 2014: RELI V2305

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2305	001/23868	M W 10:10am - 11:25am Ren Kraft Center	Katharina Ivanyi	3	53/60

RELI V2008 Buddhism: East Asian. 3 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.

Fall 2014: RELI V2008

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2008	001/21200	M W 10:10am - 11:25am 501 Northwest Corner	Michael Como	3	155/160

RELI V2005 Buddhism: Indo-Tibetan. 3 points.

Recitation Section Required

Historical introduction to Buddhist thought, scriptures, practices, and institutions. Attention given to Theravada, Mahayana, and Tantric Buddhism in India, as well as selected non-Indian forms.

Fall 2014: RELI V2005

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2005	001/66900	T Th 2:40pm - 3:55pm 310 Fayerweather	Thomas Yarnall	3	24/120

RELI BC3997 Senior Research Seminar. 4 points.

Working research seminar devoted to helping students produce a substantive piece of writing that will represent the culmination of their work at the College and in the major.

Fall 2014: RELI BC3997

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3997	001/02745	W 4:10pm - 6:00pm 318 Milbank Hall	Gale Kenny	4	8

RELI V3799 Juniors Colloquium. 3 points.

An introduction to the comparative study of religion focusing on dominant approaches to the conceptualization, interpretation, and explanation of religious phenomena and on key issues relating to the methodologies appropriate to such investigations.

Fall 2014: RELI V3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3799	001/64989	T 2:10pm - 4:00pm 201 80 Claremont	Mark Taylor	3	5/25

Spring 2015: RELI V3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3799	001/03887	T 2:10pm - 4:00pm 303 Altschul Hall	Beth Berkowitz	3	12

SPRING 2015

RELI W4816 Law and Religion. 4 points.

A seminar introducing the past, present, and future of law and religion, exploring U.S. and Indian Supreme Court and Beth Din decisions, Moslem Shari'a, Hindu and Buddhist dharma and karma, the influence of advanced technology, civil and criminal liability compared with heterodoxy and heresy, originalism and fundamentalism, and the ethics of compassionate lawyering. Reading includes Buddhist Sutras, the Qur'an, the Bible, Hindu Dharmashastra, and works by Dostoyevsky, Isaac Singer, Holmes, Dworkin, Plato, Posner, Scalia, al-Shafi'a, and Google's Chief Engineer.

Spring 2015: RELI W4816

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4816	001/63170	Th 4:10pm - 6:00pm 201 80 Claremont	David Kittay	4	23/30

RELI W4805 Secular and Spiritual America. 4 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.

Spring 2015: RELI W4805

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4805	001/13612	T 4:10pm - 6:00pm 201 80 Claremont	Courtney Bender	4	18/20

RELI W4725 Religion and Modern Western Individualism. 4 points.

Over the course of the past three centuries, individualism has become more or less institutionalized in Europe and North America. At the same time, it is deeply opposed to dominant patterns in the pre-modern West and in virtually all of the rest of human history. The focus of this course is to understand the complex relationship of religion to individualism as it has arisen initially in the West and in recent decades also become influential globally, with the aim of appreciating both the power and the limitations of this set of developments. This course is intended for advanced undergraduates and graduate students.

Spring 2015: RELI W4725

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4725	001/71162	Th 2:10pm - 4:00pm 201 80 Claremont	George Rupp	4	9/20

RELI W4708 Last Works. 4 points.

What does a writer's last work tell us about his or her other works? About his or her life? About the lives of others? What is the relation between a writer's life and work? What is the relationship between the work and the life of the reader? Special attention will be given to the way psychological and religious preoccupation intersect to create the sense of an ending. The last works of the following writers will be read: Edward Said, Soren Kierkegaard, Friedrich Nietzsche, Henry David Thoreau, Sigmund Freud, Samuel Beckett, Maurice Blanchot, Jacques Derrida, Virginia Woolf, Ernest Hemingway, Philip Roth, and David Foster Wallace. This

course is intended for advanced undergraduates and graduate students.

Spring 2015: RELI W4708

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4708	001/65533	T 2:10pm - 4:00pm 101 80 Claremont	Mark Taylor	4	14/25

RELI W4655 The African American Prophetic Political Tradition from David Walker to Barack Obama. 4 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.

Spring 2015: RELI W4655

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4655	001/69753	Th 11:00am - 12:50pm 201 80 Claremont	Obery Hendricks	4	6/15

RELI W4538 Re-reading the Talmud. 4 points.

In the past century, advances in theories of how to read the Babylonian Talmud, the Bavli, and in the models of its formation and redaction have opened up new avenues for understanding what the text says and, more importantly, how it works. This course will examine in-depth several demonstrative literary units, sugyot, through the lens of the evolution of the major critical schools of the past century and contrast them with the interpretation approach of selected medieval scholars, the rishonim. All Texts will be read in the original but translations will be provided. Basic knowledge or previous study of Talmud is required.

Spring 2015: RELI W4538

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4538	001/13324	T 6:10pm - 8:00pm 201 80 Claremont	Ari Bergmann	4	22/25

RELI W4326 Sufism in South Asia. 4 points.

Sufism has been described as the mystical side of Islam. This seminar for advanced undergraduates and graduate students will examine Sufism in South Asia as a spiritual, ethical and self-forming activity that has been profoundly affected by the historical, sociocultural, political, and everyday environments in which it is experienced and practiced.

Spring 2015: RELI W4326

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 4326	001/18106 W 2:10pm - 4:00pm 201 80 Claremont	Katherine Pratt Ewing	4	7/15
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RELI W4120 Gender In Ancient Christianity. 4 points.

Prerequisites: Instructor's permission.

The function of gender in the construction of religious identity across Christianity's formative centuries. Close attention is paid to the alternative views of male and female writers and to the alternative models of the holy life proposed to male and female Christians.

Spring 2015: RELI W4120

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4120	001/05390	M 2:10pm - 4:00pm 227 Milbank Hall	Elizabeth Castelli	4	14

RELI W4030 Topics in Tibetan Philosophy. 4 points.

Examination of topics in the religious philosophy of Tibet.

Spring 2015: RELI W4030

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4030	001/69984	T 2:10pm - 4:00pm 201 80 Claremont	Thomas Yarnall	4	17/25

RELI W4011 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.

Spring 2015: RELI W4011

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4011	001/02887	T 2:10pm - 4:00pm 805 Altschul Hall	David Moerman	4	18

RELI W3201 Language and Religion in South Asia. 3 points.

This interdisciplinary seminar investigates the intersections between language and religion in South Asia over the course of two millennia. From ancient debates over the proper vehicles for religious transmission to the modern construction of a postcolonial nation-state, ideologies of language have been central to South Asian intellectual, philosophical, cultural, religious, and political life. Issues covered in the course include: the language of religious devotion (and the religion

of language devotion); vernacular poetry and social protest; colonial ideologies and communal identities; the politics of translation; defining "religion"; and several others. No prior knowledge of South Asian language or religion is required.

Spring 2015: RELI W3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3201	001/14282	W 4:10pm - 6:00pm 201 80 Claremont	Anand Venkatkrishnan	3	6/15

RELI V3742 Freud and Derrida. 3 points.

From sexual difference to the difference writing makes, psychoanalysis and deconstruction have affected the way we think about reading, writing, learning. Both have become parts of cultural discourse in the form of catch phrases, categories of understanding, and political indictments. Psychoanalysis and deconstruction are also markers of a long conversation in which the meaning of subjectivity, authorship, agency, literature, culture and tradition is spelled out in detailed readings that intervene in and as dialogue and interruption. In this reading intensive class, we will attend to the basic texts and terms of psychoanalysis and deconstruction: the unconscious and sexuality, culture and religion, and more.

Spring 2015: RELI V3742

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3742	001/62301	M W 4:10pm - 5:25pm C01 80 Claremont	Gil Anidjar	3	15/35

RELI V3610 Religion in American Film. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Exploration of relationships between religion and popular film with particular attention to the way religious narratives and symbols in film uphold and critique norms of race, class and gender in the formation of American societal institutions (political structures, economy, family and community organization).

Spring 2015: RELI V3610

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3610	001/07200	T Th 4:10pm - 6:00pm 324 Milbank Hall	Gale Kenny	3	5

RELI V3603 Religion in America II. 3 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 2015: RELI V3603

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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RELI 001/07023 M W 1:10pm - 2:25pm Gale 3 27
3603 202 Milbank Hall Kenny

RELI V3501 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.

Spring 2015: RELI V3501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3501	001/05277	T Th 10:10am - 11:25am 324 Milbank Hall	Beth Berkowitz	3	29

RELI V3411 Tantra in South Asia, East Asia, and the West. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course is an introduction to the history, literature, and ideology of Tantra and Tantric texts, deities, rituals, and traditions. We proceed chronologically from the early centuries C.E. to current forms of Tantric practice, and primarily cover India, China, and Japan, although 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. One course on Hinduism, Buddhism, or East Asian Religions is recommended, but not required, as background

RELI V3314 Qu'ran in Comparative Perspective. 3 points.

This course develops an understanding of the Qu'ran's form, style, and content through a close reading of comparable religious texts. Major topics include the Qu'ranic theory of prophecy, its treatment of the biblical tradition (both the Hebrew Bible and the New Testament), and its perspective on the pre-Islamic pagan religion.

Spring 2015: RELI V3314

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3314	001/06203	M W 2:40pm - 3:55pm 203 Diana Center	Najam Haider	3	12

RELI V3140 Early Christianity. 3 points.

Examination of different currents in early Christianity. Discussion of gnosticism, monasticism, conflicts of gender and class, and the work of writers such as Origen and Augustine.

Spring 2015: RELI V3140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3140	001/05169	M W 10:10am - 11:25am 207 Milbank Hall	Elizabeth Castelli	3	12

RELI V3130 The Papacy: Origins to the Sixteenth-Century Reformations. 3 points.

This is a one-semester lecture course offering a historical introduction to the papacy, moving from papal origins through the age of the institution's greatest influence, i.e., the Middle Ages, down to the age of the sixteenth-century Reformations. Reading assignments will be drawn from both primary and secondary sources in English.

Spring 2015: RELI V3130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3130	001/28350	T Th 4:10pm - 5:25pm 103 Knox Hall	Robert Somerville	3	5/50

RELI V2405 Chinese Religious Traditions. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Development of the Three Teachings of Confucianism, Taoism, and Buddhism: folk eclecticism; the contemporary situation in Chinese cultural areas. Readings drawn from primary texts, poetry, and popular prose.

Spring 2015: RELI V2405

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2405	001/76604	T Th 2:40pm - 3:55pm 413 Kent Hall	Zhaohua Yang	3	48/60

RELI V2205 Hinduism. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

The origin and development of central themes of traditional Hinduism. Emphasis on basic religious literature and relation to Indian culture. Readings include original sources in translation.

Spring 2015: RELI V2205

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2205	001/08735	T Th 2:40pm - 3:55pm 312 Mathematics Building Hawley	John	3	76/90

RELI V2105 Christianity. 3 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 2015: RELI V2105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2105	001/63862	M W 4:10pm - 5:25pm 702 Hamilton Hall	Robert Somerville	3	42

RELI V3799 Juniors Colloquium. 3 points.

An introduction to the comparative study of religion focusing on dominant approaches to the conceptualization, interpretation, and explanation of religious phenomena and on key issues relating to the methodologies appropriate to such investigations.

Fall 2014: RELI V3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3799	001/64989	T 2:10pm - 4:00pm 201 80 Claremont	Mark Taylor	3	5/25

Spring 2015: RELI V3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3799	001/03887	T 2:10pm - 4:00pm 303 Altschul Hall	Beth Berkowitz	3	12

RELI V3902 Guided Reading and Research. 1-3 points.

Prerequisite: the instructor's permission.

Spring 2015: RELI V3902

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3902	001/66448		Peter Awn	1-3	1
RELI 3902	002/02492		John Hawley	1-3	0
RELI 3902	003/69604		Michael Como	1-3	0
RELI 3902	004/74283		Gary Dorrien	1-3	0
RELI 3902	005/11986		Katherine Pratt Ewing	1-3	0
RELI 3902	006/73965		Courtney Bender	1-3	0
RELI 3902	007/20296		John McGuckin	1-3	0
RELI 3902	008/24948		Gil Anidjar	1-3	0
RELI 3902	009/61222		Robert Somerville	1-3	0
RELI 3902	010/77551		Mark Taylor	1-3	1
RELI 3902	011/09563		David Moerman	1-3	0
RELI 3902	012/21321		Josef Sorett	1-3	0
RELI 3902	013/29370		Zhaohua Yang	1-3	0

RELI 3902	014/11149		Thomas Yarnall	1-3	0
RELI 3902	015/05291		Elizabeth Castelli	1-3	0
RELI 3902	016/03916		John Hawley	1-3	0
RELI 3902	017/05243		Rachel McDermott	1-3	1
RELI 3902	018/01447		Beth Berkowitz	1-3	0
RELI 3902	019/62658		Paul Hackett	1-3	0
RELI 3902	020/03671		Gale Kenny	1-3	0
RELI 3902	021/02226		Najam Haider	1-3	0

ALL COURSES (INCLUDING THOSE NOT OFFERED IN 2014-2015)**RELI V2005 Buddhism: Indo-Tibetan. 3 points.**
Recitation Section Required

Historical introduction to Buddhist thought, scriptures, practices, and institutions. Attention given to Theravada, Mahayana, and Tantric Buddhism in India, as well as selected non-Indian forms.

Fall 2014: RELI V2005

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2005	001/66900	T Th 2:40pm - 3:55pm 310 Fayerweather	Thomas Yarnall	3	24/120

RELI V2008 Buddhism: East Asian. 3 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.

Fall 2014: RELI V2008

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2008	001/21200	M W 10:10am - 11:25am 501 Northwest Corner	Michael Como	3	155/160

RELI V2105 Christianity. 3 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 2015: RELI V2105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2105	001/63862	M W 4:10pm - 5:25pm 702 Hamilton Hall	Robert Somerville	3	42

RELI V2110 Mormonism. 3 points.

A survey of the history and theology of Mormonism, one of the religious traditions indigenous to America. We'll examine the history of the movement, read extensive selections from the Book of Mormon, and chart the history of the movement, including its contentious relationship with the federal government. We'll look, finally, at some of the cultural expressions of Mormonism and examine the ways that Mormonism has transformed itself from what was essentially an outlaw religion in the nineteenth century to the embodiment of American ideals.

RELI V2205 Hinduism. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement, Discussion Section Required

The origin and development of central themes of traditional Hinduism. Emphasis on basic religious literature and relation to Indian culture. Readings include original sources in translation.

Spring 2015: RELI V2205

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2205	001/08735	T Th 2:40pm - 3:55pm 312 Mathematics Building Hawley	John	3	76/90

RELI V2305 Islam. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Islamic institutions, ideas, and spirituality; their origin and development in the formative and classical periods (7th-13th century A.D.); and their continued evolution in a variety of cultural settings.

Fall 2014: RELI V2305

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2305	001/23868	M W 10:10am - 11:25am Ren Kraft Center	Katharina Ivanyi	3	53/60

RELI V2405 Chinese Religious Traditions. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Development of the Three Teachings of Confucianism, Taoism, and Buddhism: folk eclecticism; the contemporary

situation in Chinese cultural areas. Readings drawn from primary texts, poetry, and popular prose.

Spring 2015: RELI V2405

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2405	001/76604	T Th 2:40pm - 3:55pm 413 Kent Hall	Zhaohua Yang	3	48/60

RELI V2415 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 V2505 Intro to Judaism. 3 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.

Fall 2014: RELI V2505

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2505	001/06829	T Th 10:10am - 11:25am LI104 Diana Center	Beth Berkowitz	3	16

RELI V2510 Jews and Judaism in Antiquity. 3 points.

This course focuses on the varieties of Judaism in antiquity, from Cyrus the Great to the Muslim Conquest of Syria, and the emergence of rabbinic Judaism. Special emphasis is placed on hellenization, sectarianism, and the changes precipitated by the destruction of the Jerusalem temple.

RELI V2615 Religions of Harlem. 3 points.

Not Offered During 2014-15 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 V2645 Religion in Black America: An Introduction. 3 points.

Not Offered During 2014-15 Academic Year.

Undergraduate lecture course introducing students to the study of African American religion. While there are no required prerequisites for the course, prior coursework in religious studies or African American history is helpful. This course progresses as a historical survey and is intended to introduce students to important themes in African American (thus American) religious history (i.e. migration, urbanization, nationalism) through a rich engagement with the religious practices and traditions of black communities.

Primary attention is given to Afro-Protestantism in North America; however, throughout the course attention is directed to religious diversity and varying religious traditions/practices in different diasporic locales. While this is a lecture course, students are expected to arrive each week having completed assigned readings and prepared to make informed contributions to class discussions (as class size allows). 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 V2800 Religion and the Modern World. 3 points.

An exploration of how religion has shaped modern society and culture and has influenced science, politics, economics and art. The course begins with the Reformation and proceeds to consider the critiques of religion during the Enlightenment and the responses to these critiques during the 19th and early 20th century. Consideration is also given to the theological background of leading social theorists like Adam Smith, Marx, Freud, Durkheim and Nietzsche.

Fall 2014: RELI V2800

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 2800	001/12527	M W 10:10am - 11:25am 201 80 Claremont	Mark Taylor	3	9/25

RELI V2801 Introduction to Western Religions. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Phenomenology of religious experience and the historical forms of religious life. The presuppositions, data, and documents of the religions of the West.

RELI V2802 Introduction to Asian Religions. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Major motifs in the religions of East and South Asia - Hindu, Buddhist, Confucian, Daoist, Shinto. Focuses on foundational "classics" and on a selection of texts, practices, and political engagements that shape contemporary religious experience in Asia.

RELI V2803 Religion 101. 3 points.

This course has been replaced by RELI V3805.

RELI V3000 Buddhist Ethics. 3 points.

Prerequisites: instructors permission

An investigation of the main textual sources of the Buddhist ethical tradition, with attention to their historical operation within Buddhist societies, as well as consideration of their

continuing influence on contemporary developments, Western as well as Asian.

RELI V3017 Buddhism & Violence. 4 points.

This course will study, from a number of methodological approaches and angles, the Buddhist views on violence and non-violence, and the historical record.

RELI V3120 Introduction to the New Testament. 3 points.

An introduction, by critical methods, to the religious history of the Christian movement in the New Testament period.

Fall 2014: RELI V3120

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3120	001/04321	M W 10:10am - 11:25am 307 Milbank Hall	Elizabeth Castelli	3	15

RELI V3130 The Papacy: Origins to the Sixteenth-Century Reformations. 3 points.

This is a one-semester lecture course offering a historical introduction to the papacy, moving from papal origins through the age of the institution's greatest influence, i.e., the Middle Ages, down to the age of the sixteenth-century Reformations. Reading assignments will be drawn from both primary and secondary sources in English.

Spring 2015: RELI V3130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3130	001/28350	T Th 4:10pm - 5:25pm 103 Knox Hall	Robert Somerville	3	5/50

RELI V3140 Early Christianity. 3 points.

Examination of different currents in early Christianity. Discussion of gnosticism, monasticism, conflicts of gender and class, and the work of writers such as Origen and Augustine.

Spring 2015: RELI V3140

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3140	001/05169	M W 10:10am - 11:25am 207 Milbank Hall	Elizabeth Castelli	3	12

RELI V3205 Vedic Religion. 3 points.

Introduction to the religion and culture of India during the Vedic period, ca. 1700-700 B.C. Concentrates on sacred texts from the *Rig-Veda* to *Upanishads*.

RELI V3212 Religions of the Oppressed: India. 3 points.

Prerequisites: Prior knowledge of South Asia preferred.

What are the stakes of religious identity for communities stigmatized, excluded, and oppressed? This class interrogates classic social theory by exploring the religious history of Dalits,

or "untouchables," in colonial and postcolonial South Asia: from mass conversions to Buddhism, Islam, and Christianity to assertions of autonomous and autochthonous religious identities.

RELI V3307 Muslims in Diaspora. 3 points.

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 V3308 Islam in African History. 3 points.

This undergraduate lecture course surveys the spread of Islam in Sub-Saharan Africa in the last millennium, with particular reference to West Africa. It analyzes how Islam shaped and was shaped by African societies. Topics include Islamization, the growth of literacy, and the transformation of Muslim societies during colonial rule, as well as Muslim globalizations.

RELI V3311 Islam in the Post-Colonial World. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

This course focuses on the multiple manifestations of the Islamic vision in the modern world. It begins with a survey of core Muslim beliefs before shifting to an examination of the impact of colonization and secular modernity on contemporary formulations of Islam.

Fall 2014: RELI V3311

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3311	001/02425	T Th 1:10pm - 2:25pm 325 Milbank Hall	Najam Haider	3	12

RELI V3314 Qu'ran in Comparative Perspective. 3 points.

This course develops an understanding of the Qu'ran's form, style, and content through a close reading of comparable religious texts. Major topics include the Qu'ranic theory of prophecy, its treatment of the biblical tradition (both the Hebrew Bible and the New Testament), and its perspective on the pre-Islamic pagan religion.

Spring 2015: RELI V3314

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3314	001/06203	M W 2:40pm - 3:55pm 203 Diana Center	Najam Haider	3	12

RELI V3335 History of Sufism. 3 points.

RELI V3410 Daoism. 3 points.

Philosophical ideas found in the *Daode jing*, *Zhuang zi*, hagiographies and myths of gods, goddesses and immortals, psycho-physical practices, celestial bureaucracy, and ritual of individual and communal salvation. Issues involved in the study of Daoism, such as the problematic distinction between "elite" and "folk" traditions, and the interactions between Daoism and Buddhism.

RELI V3411 Tantra in South Asia, East Asia, and the West. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

This course is an introduction to the history, literature, and ideology of Tantra and Tantric texts, deities, rituals, and traditions. We proceed chronologically from the early centuries C.E. to current forms of Tantric practice, and primarily cover India, China, and Japan, although 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. One course on Hinduism, Buddhism, or East Asian Religions is recommended, but not required, as background

RELI V3411 (Section 1) Tantra in South Asia, East Asia & the West. 3 points.

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.

Spring 2015: RELI V3411 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3411	001/26033	M W 10:10am - 11:25am Ren Kraft Center	Rachel McDermott, Michael Como	3	93/120

RELI V3495 Life After death. 3 points.

Western ideas of the afterlife, concentrating on ancient literature. Readings include Gilgamesh, and other ancient Near Eastern literature, the *Bible*, the *Odyssey*, Plato's *Phaedo*, Apuleius' *The Golden Ass*.

RELI V3501 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.

Spring 2015: RELI V3501

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3501	001/05277	T Th 10:10am - 11:25am 324 Milbank Hall	Beth Berkowitz	3	29

RELI V3508 Origins of Judaism. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Not Offered During 2014-15 Academic Year.

Introduction to the Hellenistic period of Jewish history, with emphasis on sectarian movements and the emergence of rabbinic Judaism and Christianity as the two dominant religions of the West.

RELI V3512 The Bible and Its Interpreters. 3 points.

Not Offered During 2014-15 Academic Year.

The Hebrew Bible (a.k.a. the Old Testament) has been one of the most repercussive texts of the Western #canon. However, it comes to us mediated through its early reception history. #From the first readers of the texts that came to comprise the Hebrew Bible struggled with problems of interpretation and devised creative, often ingenious, and frequently culturally charged solutions. We will focus on a few key biblical passages in translation, subjecting each to close reading and then examining their treatment by various ancient interpreters. These interpreters will include the writers of later biblical texts; ancient translations; extra-canonical texts; Qumran texts; and Hellenistic Jewish, early Christian, and rabbinic literature. Each interpretive tradition will bring us deeper into the world of the Bible as it was received and came to be read.

RELI V3514 Jewish Perspective on Non-Jews from Antiquity to the Present. 3 points.

Survey of Jewish perspectives on non-Jews from antiquity to the present, with an eye towards contextualizing these perspectives within Judaism and the situation of the Jewish people throughout the ages. Emphasis will be placed on critical skills for analyzing any group's approach towards others.

RELI V3515 Readings in Kabbalah. 3 points.

SIPA: United States

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 V3516 Introduction to Talmud Text Study. 3 points.

Prerequisites: Basic Hebrew grammar and vocabulary.

This course is designed for students with knowledge of Hebrew to acquire the skills for reading and interpreting the Babylonian Talmud, the classic work of Jewish law and lore, in its original language. Students will master technical skills along with theories and methods for conceptualizing the Talmud as a text. Prerequisite: basic Hebrew grammar and vocabulary.

RELI V3520 Introduction to Classical Rabbinic Literature. 3 points.

History of rabbinic interpretation throughout the ages, distinguishing between Biblical exegesis and Talmudic exegesis with some reference to both Dead Sea Scrolls and early Christian Biblical expositions.

RELI V3525 Introduction to Rabbinic Literature. 3 points.

Examines the differences between Halakha (the legal portion of the Talmud) and Aggadah (the more legal portion) with respect to both content and form. Special emphasis on selections from the Talmud and Midrash that reflect the intrinsic nature of these two basic genres of rabbinic literature.

RELI V3530 Jewish Ethics. 3 points.

Major philosophical issues concerning the nature of Jewish ethics.

RELI V3535 Introduction to Rabbinic Literature. 3 points.

Examines the differences between Halakha (the legal portion of the Talmud) and Aggadah (the more legal portion) with respect to both content and form. Special emphasis on selections from the Talmud and Midrash that reflect the intrinsic nature of these two basic genres of rabbinic literature.

RELI V3544 Jewish Family law. 3 points.

Jewish marriage and inheritance law. A survey of the legal obligations an individual owes, and the privileges he or she receives from being a member of a family.

RELI V3555 Development of the Jewish Holidays. 3 points.

Sources and historical development of Jewish holidays. An attempt to trace historically how the holidays took on their present form and, when feasible, to emphasize the different modes of observances among different groups.

RELI V3560 Jewish Liturgy. 3 points.

Survey of Jewish liturgy from the Bible to modern times, with occasional forays into Dead Sea prayer. Philosophy and theology for prayer considered, and when possible, the social message is emphasized.

RELI V3561 Classics fo Judaism: Ethics of the Fathers. 3 points.

Devoted to a close reading of a classic work of Jewish literature, *Pirkei Avot*, Ethics of the fathers, in English. *Pirkei Avot*, a collection of teachings attributed to various sages of the classical period of Rabbinic Judaism, stands as one of the most studied texts among observant Jews. It affords an excellent introduction to Judaism as a religion and culture.

RELI V3570 Women and Judaism: Folklore or Religion?. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA).

Examines the relationship between Jewish women and religion that is both theirs and not theirs. Explores matters of law, ritual, practice, communal status, (re)reading of ancient texts, lived experiences.

RELI V3571 Judaism, Jewishness, & Modernity. 3 points.

Exploration of some of the major statements of Jewish thought and identity from the 19th century into the 21st.

RELI V3585 The Sephardic Experience. 3 points.

This course is a survey of the history and culture of the Sephardic Jews, originally from Spain and Portugal. Focus will be given to different Sephardic populations and the rich culture and variegated religious life therein.

RELI V3602 Religion in America I. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Survey of American religion from the Civil War to the present, with the emphasis on the ways religion has shaped American history, culture, identity.

Fall 2014: RELI V3602

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3602	001/06273	M W 1:10pm - 2:25pm 903 Altschul Hall	Gale Kenny	3	32

RELI V3603 Religion in America II. 3 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 2015: RELI V3603

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3603	001/07023	M W 1:10pm - 2:25pm 202 Milbank Hall	Gale Kenny	3	27

RELI V3604 Religion in the City. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I).

Not Offered During 2014-15 Academic Year.

Uses the city to address and investigate a number of central concepts in the study of religion, including ritual, community, worldview, conflict, tradition, and discourse. We will explore together what we can learn about religions by focusing on place, location, and context.

RELI V3610 Religion in American Film. 3 points.

BC: Fulfillment of General Education Requirement: The Visual and Performing Arts (ART).

Exploration of relationships between religion and popular film with particular attention to the way religious narratives and symbols in film uphold and critique norms of race, class and gender in the formation of American societal institutions (political structures, economy, family and community organization).

Spring 2015: RELI V3610

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3610	001/07200	T Th 4:10pm - 6:00pm 324 Milbank Hall	Gale Kenny	3	5

RELI V3630 Religion and Black Popular Cultures. 3 points.

Not Offered During 2014-15 Academic Year.

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 V3650 Religion and the Civil Rights Movement. 3 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Not Offered During 2014-15 Academic Year.

Examination of the role of religion in the drive for civil rights during the 1950s and 1960s. The course will look at the role of activists, churches, clergy, sermons, and music in forging the consensus in favor of civil rights.

RELI V3651 Evangelicalism. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I).

Not Offered During 2014-15 Academic Year.

Survey of evangelicalism, "America's folk religion," in all of its various forms, including the holiness movement, fundamentalism, pentecostalism, the charismatic movement, neo-evangelicalism, the sanctified tradition, and various

ethnic expressions. The course will examine the origins of evangelicalism, its theology, and the cultural and political involvement of American evangelicals.

RELI V3652 Religion, Politics and the Presidency.. 3 points.

A survey of the intersections between religion and American political life, from the colonial era to the present. This course examines relevant political figures and movements, dissect the religious controversies in pivotal presidential campaigns, and study the influence of religion on various political issues.

RELI V3705 Literature, Technology, Religion. 3 points.

Digital media and electronic technologies are expanding the imagination, transforming humanity, and redefining subjectivity. The proliferation of distributed and embedded technologies is changing the way we live, think, write and create. This course will explore the complex interrelation of literature, technology and religion through an investigation of four American novels and four French critics/theorists.

RELI V3720 Religion and Its Critics. 3 points.

Critics and defenders of religious belief and practice. Readings include Hume, Mendelssohn, Kant, Schleiermacher, Feuerback, Marx, Kierdegaard and Nietzsche.

RELI V3727 Psychology of Religion. 3 points.

An exploration of the psychological dimensions of religious awareness and practice that will focus on dream analysis, therapy and personal structure and development.

RELI V3730 Philosophy of Religion. 3 points.

Introduction to classical and contemporary issues, including those raised by the comparative study of religion.

Fall 2014: RELI V3730

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3730	001/87547	M W 2:40pm - 3:55pm 414 Pupin Laboratories	Wayne Proudfoot	3	20

RELI V3742 Freud and Derrida. 3 points.

From sexual difference to the difference writing makes, psychoanalysis and deconstruction have affected the way we think about reading, writing, learning. Both have become parts of cultural discourse in the form of catch phrases, categories of understanding, and political indictments. Psychoanalysis and deconstruction are also markers of a long conversation in which the meaning of subjectivity, authorship, agency, literature, culture and tradition is spelled out in detailed readings that intervene in and as dialogue and interruption. In this reading intensive class, we will attend to the basic texts and terms of psychoanalysis and deconstruction: the unconscious and sexuality, culture and religion, and more.

Spring 2015: RELI V3742

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3742	001/62301	M W 4:10pm - 5:25pm C01 80 Claremont	Gil Anidjar	3	15/35

RELI V3760 Animal Rights: Ethical and Religious Foundations. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA).

Critical study of the treatment of animals in modern moral philosophy and in Jewish and Christian thought in order to show that no theory of ethics in either domain can be complete or fully coherent unless the question of animal rights is confronted and satisfactorily resolved.

RELI V3770 Terror. 3 points.

Analyzes the complex relationship among religion, violence and terror by examining representations of terror in religious texts, beliefs and practices as well as in recent philosophical, literary and filmic texts. The relationship of terror to trauma and horror will also be considered.

RELI V3798 Gift and Religion. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I).

Prerequisites: Sophomore standing or permission of instructor; preference to Religion majors.

Examines theories of gift and exchange, the sacralization of economic relationships and the economic rationalization of sacred relationships. Part I focused on classic works on "the gift" in traditional societies. Part II includes several perspectives on relationships of giving and taking in contemporary society.

RELI V3799 Juniors Colloquium. 3 points.

An introduction to the comparative study of religion focusing on dominant approaches to the conceptualization, interpretation, and explanation of religious phenomena and on key issues relating to the methodologies appropriate to such investigations.

Fall 2014: RELI V3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3799	001/64989	T 2:10pm - 4:00pm 201 80 Claremont	Mark Taylor	3	5/25

Spring 2015: RELI V3799

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3799	001/03887	T 2:10pm - 4:00pm 303 Altschul Hall	Beth Berkowitz	3	12

RELI V3805 Religion 101. 3 points.

What is religion? This reading intensive course will address a range of answers to the question "what is religion?" beginning with some of the reasons we might want to ask it. Acknowledging the urgency of the matter, the class is not a survey of all religious traditions. Rather, engaging with disciplines and scholarship within and without religious studies, it will contend with religion as a comparative problem between fields and traditions as well as between scholarly and methodological approaches.

Fall 2014: RELI V3805

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3805	001/63010	M W 4:10pm - 5:25pm 103 Knox Hall	Gil Anidjar	3	7/35

RELI V3810 Millennium: Apocalypse and Utopia. 3 points.

A study of apocalyptic thinking and practice in the western religious tradition, with focus on American apocalyptic religious movements and their relation to contemporary cultural productions, as well as notions of history and politics.

RELI V3840 Graeco-Roman Religion. 3 points.

Survey of the religions of Rome and the Hellenistic East from the late 4th century B.C.E. to the early 4th century C.E. Topics will include myth and ritual, religion and the state, and mystery religions, among others.

RELI V3860 Sociology of Religion. 3 points.

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. Prior coursework in Religion or Sociology is highly encouraged.

RELI V3865 Comparative Mysticism. 0 points.

An introduction to the comparative study of mysticism. Students read primary texts against the backdrop of various theories on the nature of mysticism, addressing issues such as the relationship of mysticism to orthodox religion, madness, art, love, and morality.

RELI V3870 Inquisitions, New Christians, and Empire. 3 points.

Explores the Spanish and Portuguese inquisitions of the early modern era. We will investigate the inquisitions from a variety of perspectives: the history of Christianity and some of its "unauthorized" permutations; the relevant history and religious culture of Judeoconvertos, Moriscos, Afroiberians, magical practitioners; normativization and control of sexuality;

historical ethnography; and the anthropology and/or sociology of institutions.

RELI V3901 Guided Reading and Research. 1-3 points.

Prerequisite: the instructor's permission.

Fall 2014: RELI V3901

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3901	001/62266		Katharina Ivanyi	1-3	0
RELI 3901	002/22214		Peter Awn	1-3	4
RELI 3901	003/60955		Euan Cameron	1-3	0
RELI 3901	004/17224		Michael Como	1-3	0
RELI 3901	005/11841		Gary Dorrien	1-3	0
RELI 3901	006/29518		Gil Anidjar	1-3	0
RELI 3901	007/15444		Robert Somerville	1-3	0
RELI 3901	008/65245		John McGuckin	1-3	0
RELI 3901	009/64301		Wayne Proudfoot	1-3	1
RELI 3901	010/10978		Mark Taylor	1-3	0
RELI 3901	011/27305		Josef Sorett	1-3	0
RELI 3901	012/01180		John Hawley	1-3	0
RELI 3901	013/02673		Gale Kenny	1-3	0
RELI 3901	014/03612		Rachel McDermott	1-3	0
RELI 3901	015/03779		Najam Haider	1-3	0
RELI 3901	016/08764		David Moerman	1-3	0
RELI 3901	017/05677		Beth Berkowitz	1-3	0
RELI 3901	018/06011		Elizabeth Castelli	1-3	0
RELI 3901	019/60791		Paul Hackett	1-3	0
RELI 3901	020/82199		Thomas Yarnall	1-3	0

RELI V3902 Guided Reading and Research. 1-3 points.

Prerequisite: the instructor's permission.

Spring 2015: RELI V3902

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3902	001/66448		Peter Awn	1-3	1

RELI 3902	002/02492	John Hawley	1-3	0
RELI 3902	003/69604	Michael Como	1-3	0
RELI 3902	004/74283	Gary Dorrien	1-3	0
RELI 3902	005/11986	Katherine Pratt Ewing	1-3	0
RELI 3902	006/73965	Courtney Bender	1-3	0
RELI 3902	007/20296	John McGuckin	1-3	0
RELI 3902	008/24948	Gil Anidjar	1-3	0
RELI 3902	009/61222	Robert Somerville	1-3	0
RELI 3902	010/77551	Mark Taylor	1-3	1
RELI 3902	011/09563	David Moerman	1-3	0
RELI 3902	012/21321	Josef Sorett	1-3	0
RELI 3902	013/29370	Zhaohua Yang	1-3	0
RELI 3902	014/11149	Thomas Yarnall	1-3	0
RELI 3902	015/05291	Elizabeth Castelli	1-3	0
RELI 3902	016/03916	John Hawley	1-3	0
RELI 3902	017/05243	Rachel McDermott	1-3	1
RELI 3902	018/01447	Beth Berkowitz	1-3	0
RELI 3902	019/62658	Paul Hackett	1-3	0
RELI 3902	020/03671	Gale Kenny	1-3	0
RELI 3902	021/02226	Najam Haider	1-3	0

RELI W3201 Language and Religion in South Asia. 3 points.

This interdisciplinary seminar investigates the intersections between language and religion in South Asia over the course of two millennia. From ancient debates over the proper vehicles for religious transmission to the modern construction of a postcolonial nation-state, ideologies of language have been central to South Asian intellectual, philosophical, cultural, religious, and political life. Issues covered in the course include: the language of religious devotion (and the religion of language devotion); vernacular poetry and social protest; colonial ideologies and communal identities; the politics of translation; defining "religion"; and several others. No prior knowledge of South Asian language or religion is required.

Spring 2015: RELI W3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3201	001/14282	W 4:10pm - 6:00pm 201 80 Claremont	Anand Venkatkrishnan	3	6/15

RELI W3605 Religion on the Move: People, Passages and Possibilities in America. 3 points.

The history of religion is a history of movement. Perhaps nowhere is this truer than in the United States. From the civilizing missions of European empires, to the Great Migration of black Southerners to the North, to the forced displacement of millions into prisons and detention centers, Americans have been a people in motion, and their religions have moved with, through and (sometimes) in spite of them. In this interdisciplinary seminar, we will explore how religion and mobility in the United States have affected migrants and their being together. Through careful attention to their narratives, memories and traditions of living in diaspora, we will work to understand the making of subjects in motion, the possibilities of finding place, and the religious aesthetics of imagining new futures. *No prior knowledge of American religion or migration is required.

Fall 2014: RELI W3605

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 3605	001/25849	T 4:10pm - 6:00pm 101 80 Claremont	Laura McTighe	3	8/15

RELI W4006 Japanese Religion through Manga and Film. 4 points.

This course will examine how the depiction of certain Japanese religious ideas through such medias has both breathed new life into and at the same time considerably modified tradition religious beliefs. A study of Japanese religion through manga and film, supplemented by readings in the history of Japanese culture.

RELI W4010 Chan/Zen Buddhism. 4 points.

Prerequisites: Suggested preparation: An introduction to Buddhism by Peter Harvey (1990).

Historical introduction to Chan/Zen Buddhism: follows the historical development of Chan/Zen, with selections from the Chan classics, some of the high and low points of Japanese Zen, and examples of contemporary Zen writings.

RELI W4011 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.

Spring 2015: RELI W4011

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4011	001/02887	T 2:10pm - 4:00pm 805 Altschul Hall	David Moerman	4	18

RELI W4012 Buddhist Auto/Biography. 4 points.

The goal and nature of this course is to refine our abilities to critically examine the nature of writing about the self and its position in Buddhist contexts.

RELI W4013 Buddhism and Neuroscience. 4 points.

With the Dalai Lama's 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.

RELI W4018 Interpreting Buddhism: Hermeneutics East and West. 4 points.

A seminar exploring the 21st Century meanings of Buddhism and Buddhist Tantric Yoga through the lenses of ancient, Romantic and modern Western and traditional Buddhist hermeneutics. There will be at least one additional meeting for a trip to the Rubin Museum of Tibetan Art.

RELI W4020 Liberation and Embodiment in Indo-Tibetan Yoga Traditions. 4 points.

Prerequisites: At least one course in Asian Religions, such as RELI V2005, RELI V2008, RELI V2205, RELI V2415, RELI V2405, or equivalent. Instructor's permission required. With extensive readings on the concepts and practice of the Indic category of "yoga practice", this seminar is an inquiry into the conceptualization of the "body" and its "liberation" in South and Himalayan Asia. Special attention will be given to development of contemplative yogic traditions within what come to be known as Tantric lineages of Buddhist and Hindu traditions.

RELI W4030 Topics in Tibetan Philosophy. 4 points.

Examination of topics in the religious philosophy of Tibet.

Spring 2015: RELI W4030

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4030	001/69984	T 2:10pm - 4:00pm 201 80 Claremont	Thomas Yarnall	4	17/25

RELI W4035 Buddhist Contemplative Sciences. 4 points.

This course will explore key Buddhist contemplative sciences, including: stabilizing meditation; analytic insight meditation; the four immeasurables; form and formless trances; mind training; and the subtle body-mind states activated and transformed through advanced Tantric yoga techniques. These will be explored both within their traditional interdisciplinary frameworks, as well as in dialog with related contemporary arts and sciences.

RELI W4040 Women and Buddhism in China. 4 points.

Nuns and laywomen in Chinese Buddhism, Buddhist attitudes toward women, ideals of female sanctity; gender and sexuality, women leaders in contemporary Chinese Buddhism.

RELI W4110 Asceticism and the Rise of Christianity. 4 points.

Explores the paradox of renunciation and power in early Christianity. Traces the changing understanding of renunciation from the 1st to the 5th centuries C.E., and the changing languages by which Christians signaled their allegiance to otherworldly ideal despite increasing involvement in the secular realm.

RELI W4120 Gender In Ancient Christianity. 4 points.

Prerequisites: Instructor's permission.

The function of gender in the construction of religious identity across Christianity's formative centuries. Close attention is paid to the alternative views of male and female writers and to the alternative models of the holy life proposed to male and female Christians.

Spring 2015: RELI W4120

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4120	001/05390	M 2:10pm - 4:00pm 227 Milbank Hall	Elizabeth Castelli	4	14

RELI W4160 Gnosis. 4 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Previous work in biblical studies or early Christianity preferred; permission of instructor. Limited to 20 students.

Examines the religious and social worlds of ancient Mediterranean gnosis alongside its modern remnants and appropriations. Special attention is paid to scholarly reconstructions of ancient "gnosticism" and to theoretical problems associated with the categories of orthodoxy and heresy in Christian history. Strong emphasis on reading primary sources in translation.

RELI W4170 History of Christianity: Topics in Pre-Modern Papal History. 4 points.

Prerequisites: Instructor's permission required.

An examination of a series of episodes that are of special consequence for papal history in Late Antiquity and the Middle Ages. Readings in both primary and secondary sources in English translation.

Fall 2014: RELI W4170

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4170	001/29720	M 4:10pm - 6:00pm 201 80 Claremont	Robert Somerville	4	6/20

RELI W4171 Law and Medieval Christianity. 4 points.

Prerequisites: Instructor's permission.

An introduction to the importance of Church law for the study of medieval Christianity through readings in both primary and secondary sources (all in English or English translations). Topics will be selected, as the sources permit, to illustrate the evolution of Western canon law and its impact both as a structural and as an ideological force, in medieval Christianity and in medieval society in general.

RELI W4180 Conversion in Historical Perspective. 4 points.

Boundary crossers have always challenged the way societies imagined themselves. This course explores the political, religious, economic, and social dynamics of religious conversion. The course will focus on Western (Christian and Jewish) models in the medieval and early modern periods. It will include comparative material from other societies and periods. Autobiographies, along with legal, religious and historical documents will complement the readings.

RELI W4203 Krishna. 4 points.

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 W4205 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 W4215 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 W4313 Revival and Revolution in the Muslim World. 4 points.

This class focuses on the history and development of revolutionary movement in the Muslim world. It begins by forwarding the life of the Prophet as a template (and inspiration) for subsequent movements and proceeds to examine a range of revolutions through the modern period.

RELI W4321 Islam in the 20th Century. 4 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Prerequisites: Permission of instructor (undergrad majors, concentrators, and grad students in religion given priority). Investigates the debate around the "origins" of Arab nationalism and various strands of modernist/reformist thought in the contemporary Islamic world - with particular emphasis on developments in Egypt and Iran.

RELI W4322 Exploring the Sharia. 4 points.

The platform of every modern Islamist political party calls for the implementation of the sharia. 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 concludes 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.

RELI W4325 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 W4326 Sufism in South Asia. 4 points.

Sufism has been described as the mystical side of Islam. This seminar for advanced undergraduates and graduate students will examine Sufism in South Asia as a spiritual, ethical and self-forming activity that has been profoundly affected by the historical, sociocultural, political, and everyday environments in which it is experienced and practiced.

Spring 2015: RELI W4326

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4326	001/18106	W 2:10pm - 4:00pm 201 80 Claremont	Katherine Pratt Ewing	4	7/15

RELI W4330 Seminar on Classical Sufi Texts. 4 points.

Prerequisites: Instructor's permission.

Close study of pivotal texts from the classical periods of Islamic mysticism, including works by Hallaj, Attar, Rumi, Ibn Arabi, and others (all texts in English translation).

RELI W4335 Shi'ism. 4 points.

This course offers a survey of Shi'ism with a particular focus on the "Twelvers" or "Imams." It begins by examining the interplay between theology and the core historical narratives of Shi'ism and culminates with an assessment of the jarring impact of modernity on religious institutions/beliefs.

RELI W4350 Orality and Textuality in Islam. 4 points.

Prerequisites: Instructor's permission

A study of the interface between the written and oral traditions in Islam, both in the idealized religion preserved in the texts, as well as its variegated cultural expressions.

RELI W4401 Mountains and Sacred Space in Japan. 4 points.

Explores the role that mountains have played in Japanese cosmology, particularly in religion and folklore. We will examine various aspects of mountain veneration such as mountains as portals to the world of the dead, as the embodiment of the universe, as ascetic training ground, as mandalized space, as restricted ground, and as space transformed by history.

RELI W4402 Shinto in Japanese History. 4 points.

This course examines the development of Shinto in Japanese history and the historiography of Shinto. We will cover themes such as myth, syncretism, sacred sites, iconography, nativism, and religion and the state.

RELI W4403 Bodies & Spirits in East Asia. 4 points.

Prerequisites: Instructor's permission.

This seminar will focus on the role of early conceptions of both the body and demonology in the development of Chinese and Japanese religious traditions. By focusing on the development of ritual responses within these traditions

to disease and spirits, the course will highlight the degree to which contemporaneous understandings of the body informed religious discourse across East Asia.

RELI W4405 Ghosts and Kami. 4 points.

Ghosts have long functioned in East Asian cultures as crucial nodal points in political and religious discourses concerning ancestors, kinship, ritual and land. By reading a small cluster of Western theoretical works on ghosts together with recent discussions of the role of ghosts in China, Japan, Vietnam and Korea, this seminar will explore the ways that ghosts continue to haunt and inhabit a variety of conceptual and religious landscapes across East Asia.

RELI W4412 Material Culture and the Supernatural in East Asia. 4 points.

Corequisites: Permission of instructor required.

Although Protestant notions of textuality and the disjunction of matter and spirit have exerted an enduring influence over much of the study of religion, this seminar will explore the role of material objects in both representing and creating the categories and paradigms through which religion has been understood and performed in pre-modern East Asia. By focusing upon the material context for religious performance—by asking, in other words, how religious traditions are constituted through and by material objects—the course will seek to shed light on a cluster of issues concerning the relationship between art, ritual performance, and transmission.

RELI W4501 Psalms Through the Commentary of the Baal Shem Tov. 4 points.

Close reading of selected psalms along with the commentary attributed to the Ba'al Shem Tov, one of the founders of Hasidism. Offers an opportunity to gain experience in close reading of major Jewish texts in the original language (Hebrew). Provides students simultaneous exposure to a major biblical book, Psalms, which has a long and rich reception history, both textually and spiritually, as well as to a significant text of Hasidic thought. The two texts and their historical/discursive framings will be read complementarily or against one another. Additional readings will give supplementary perspectives, raising questions that include the production history of the Book of Psalms, comparative mythology, the liturgical and ritual use of psalms historically, and mystical readings of the Book of Psalms. Through the combination of perspectives we will learn about the variety of the interpretative approaches to canonical texts such as the Book of Psalms: the dense web of meanings and uses given to one biblical text over the course of Jewish history; the methods and goals of Hasidic exegesis of the Bible.

RELI W4502 Jewish Rites of Passage. 4 points.

Prerequisites: Sophomore standing.

Undertakes an interdisciplinary exploration of historical and contemporary Jewish rites of passage and life-cycle events,

focusing on the interplay between ritual and gender, sexuality and power. Our examination of the tensions between tradition and modernity will encompass traditional passage, wedding ceremonies and more modern rituals.

RELI W4503 Readings from the Sephardic Diaspora. 4 points.

Prerequisites: instructor's permission

Close readings of some canonical 15th- and 16th-century works (in translation) from the Sephardic diaspora that touch on theology, philosophy, ethics and mysticism.

RELI W4504 Reading the Patriarchal and Matriarchal Stories in Genesis. 4 points.

Aims to clarify the intellectual assumptions governing how different individuals conceive of their conversion experiences. Through the study of classic and lesser known accounts we will examine some common metaphors and images (rebirth, awakening, being lost and found) and how they shape narratives of one's life.

RELI W4505 The Beginnings of Jewish Mysticism. 4 points.

Study of biblical and Hellenistic foundations for Western mysticism - scriptural visions of God, apocalyptic literature, Graeco-Roman magic, and the merkabah mystical movement in Judaism.

RELI W4506 Jewish Martyrdom. 4 points.

Prerequisites: Permission of instructor. Sophomore Standing. Enrollment limited to 20.

Utilizes major episodes of Jewish martyrdom as a basis for discussion of some of the key problems in the study of martyrdom. Among the questions it will raise: How have major scholars analyzed the origins of a martyrdom ideal in late antiquity? What questions do social scientists raise concerning the phenomenology of martyrdom, and how have these questions been addressed with respect to Jewish martyrdom? How do ancient and medieval traditions of martyrdom, despite their drastic tendency to draw strict boundaries, betray the influence of other (even hostile) traditions? And how do traditions of martyrdom undergo mutation in response to new historical and cultural realities?

RELI W4507 Readings in Hasidism. 4 points.

Prerequisites: At least one previous course on Judaism or familiarity from elsewhere with the normative, traditional Judaism.

An exploration of Hasidism, the pietist and mystical movement that arose in eastern Europe at the beginning of the eighteenth century. Hasidism stands as perhaps *the* most influential and significant movement within modern Judaism.

RELI W4508 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. Focusing on the medieval period but not only, 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 W4509 Crime and Punishment in Jewish Culture. 4 points.

Explores ethical, cultural, and political dimensions of Jewish criminal punishment from the Bible through modernity, with focus on death penalty and running reference to Foucault's Discipline and Punish. Topics include: interaction between law and narrative; Jewish power to punish; Sanhedrin trial of Jesus; ritualization of execution; prison; torture; martyrdom.

RELI W4510 The Thought of Maimonides. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA).

Close examination of Maimonides' major ideas, with emphasis on the relationship between law and philosophy; biblical interpretation; the nature of God; creation and providence; human nature; ethics and law; and human perfection.

RELI W4511 Jewish Ethics. 4 points.

This course is divided into two parts-- theoretical and practical. In the first part we will examine major philosophical issues concerning the nature and basis of Jewish ethics; in the second, we will examine a selected group of practical ethical issues. All assignments will be in English, and any Hebrew phrases used in course discussion will be translated.

RELI W4513 Homelands, Diasporas, Promised Lands. 4 points.

This seminar will explore religious, political and philosophical aspects of homelands, collective exile from homelands and the question of whether or not return is possible or desirable.

RELI W4515 Jews in the Later Roman Empire. 4 points.

Prerequisites: Instructor's approval

This course will explore the background and examine some of the manifestations of the first Jewish cultural explosion after 70 CE. Among the topics discussed: the Late Roman state and the Jews, the rise of the synagogue, the redaction of the Palestinian Talmud and midrashim, the piyyut and the Hekhalot.

RELI W4518 The Formation of the Talmud. 4 points.

Prerequisites: Basic knowledge or previous study of Talmud is required.

This seminar will explore the various theories about the formation of the Talmud, from the traditional view of Y. I. Halevy in Dorot Harishonim to the contemporary models

of D. W. Halivni and Shamma Friedman. We will analyze their theories and their literary evidence while applying their models to the critical reading of the text. We will then explore a model which combines these theories in light of the oral matrix of the Talmud during its early phase. All texts will be read in the original but translations will be provided.

Fall 2014: RELI W4518

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4518	001/73598	T 6:10pm - 8:00pm 201 80 Claremont	Ari Bergmann	4	9/20

RELI W4520 Patriarchal and Rabbinic Authority in Antiquity. 4 points.

This course will try to solve the problem of the origins and roles of the rabbis in antiquity through careful study of rabbinic, Christian, and Roman sources.

RELI W4522 The Production of Jewish Difference from Antiquity to the Present. 4 points.

Prerequisites: Hebrew Language; background in Jewish Studies

Explores how Jews from antiquity to modernity have struggled to create a distinct Jewish identity in the context of dominant non-Jewish cultures. Examines the interpretive history of Leviticus 18:3, "...and in their laws you shall not go," a verse that instructs Israel to be different from surrounding peoples. Considers Bible-reading as a means for creating identity and highlights the dynamics of negative identity definition (the self/Other binary). Emphasis is on primary texts from the Bible to modern Jewish legal responsa, but contemporary scholarship will accompany the sources.

Fall 2014: RELI W4522

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4522	001/06509	T 2:10pm - 4:00pm 303 Altschul Hall	Beth Berkowitz	4	7

RELI W4535 Ancient Jewish Texts. 4 points.

Prerequisites: Permission of instructor required. Close reading in the original languages of ancient Jewish texts including Aristaeas, 1 and 2 Maccabees, selections from Philo and Josephus, selected tractates from Mishnah, Tosefta, Palestinian Talmud and early midrash collections. Permission of instructor required; course may be taken more than once.

RELI W4537 Talmudic Narrative. 4 points.

Prerequisites: Instructor permission is required. Background in Talmud and Hebrew is encouraged.

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 W4538 Re-reading the Talmud. 4 points.

In the past century, advances in theories of how to read the Babylonian Talmud, the Bavli, and in the models of its formation and redaction have opened up new avenues for understanding what the text says and, more importantly, how it works. This course will examine in-depth several demonstrative literary units, sugyot, through the lens of the evolution of the major critical schools of the past century and contrast them with the interpretation approach of selected medieval scholars, the rishonim. All Texts will be read in the original but translations will be provided. Basic knowledge or previous study of Talmud is required.

Spring 2015: RELI W4538

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4538	001/13324	T 6:10pm - 8:00pm 201 80 Claremont	Ari Bergmann	4	22/25

RELI W4560 Political Theology. 4 points.

This reading-intensive course will engage the notion of "political theology," a notion 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 our point of departure the key texts that have revived this notion (Schmitt, Kantorowicz), 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.

RELI W4610 Science, Nature, and Religion in 20th Century America. 4 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA).

Not Offered During 2014-15 Academic Year.

Examination of the relationship between scientific and religious ideas, with particular reference to American culture in the twentieth century. Explores the impact of such events as the Scopes trial and the popular faith in science and technology of the religious attitudes and beliefs of 20th-century Americans.

RELI W4611 Alterities of Religion in American Culture. 4 points.

An interdisciplinary exploration of some of the many ways that religion in America has been mutually constituted in opposition to various entities identified as being *the opposite* of religion. Counterparts explored include the marketplace, fraudulence, atheistic rationalism, the secular, the state, totalitarianism and the study of religion.

RELI W4612 Religion and Humanitarianism. 4 points.

This seminar examines the role of religion in the antislavery movement, foreign missions, and women's rights in the nineteenth century, and its relevance to contemporary humanitarian activism.

RELI W4614 Defining Marriage: A History of Marriage in the United States. 4 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Not Offered During 2014-15 Academic Year.

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 W4620 Religious Worlds of New York. 4 points.
Not Offered During 2014-15 Academic Year.

Exploration of religious diversity in New York City with emphasis on the current historical moment. Meetings will focus on the impact of immigrant and migrant cultures on New York's religious landscape and on texts that explore the experiences and histories of religious communities in New York. Students conduct supervised research on and observation of a particular religious site or community.

RELI W4625 Contemporary Mormonism: Mediating Religious Identity in the 21st Century City. 4 points.

The seminar will give students first-hand experience with Mormonism as it is lived in New York City today. The aim of the course is to understand how Mormons adapt or cast off their religion in the modern city. Experiential learning as opposed to text learning will be emphasized. There will be additional meeting times to visit Mormon sites.

RELI W4630 African-American Religion. 4 points.
Not Offered During 2014-15 Academic Year.

Explores a range of topics in African-American Religion, which may include the African background and the transmission of African cultures, religion under slavery, independent black churches, religion and race relations, and modern theological movements. In Spring 2008, the course will focus on the religious lives of African immigrants to the US, emphasizing field and documentary methods.

RELI W4640 Religion in the American Public Sphere. 4 points.

Not Offered During 2014-15 Academic Year.

Introduction to questions surrounding the relationships between religion and the public sphere in the United States. Approaches topics of civil religion, church-state relations, religious pluralism in the public sphere, and the role of congregations in local communities using sociological theories and methods.

RELI W4645 American Protestant Thought. 4 points.
Not Offered During 2014-15 Academic Year.

Looks at the relation between inquiry and imagination in selected religious writers and writers on religion in the American Protestant tradition. How does imagination serve inquiry? What are the objects of inquiry in these writings? Most of these authors reflect explicitly on imagination and inquiry, in addition to providing examples of both at work on religious topics.

RELI W4650 Religion and Region in North America. 4 points.

Prerequisites: RELI V3502 or V3503.

Examination of some of the regional variations of religions in North America, with an emphasis on the interaction of religious communities with their surrounding cultures.

RELI W4655 The African American Prophetic Political Tradition from David Walker to Barack Obama. 4 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.

Spring 2015: RELI W4655

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4655	001/69753	Th 11:00am - 12:50pm 201 80 Claremont	Obery Hendricks	4	6/15

RELI W4660 Religious History of New York. 4 points.

BC: Fulfillment of General Education Requirement: Historical Studies (HIS).

Not Offered During 2014-15 Academic Year.

Survey of religious life in New York City, from the English conquest of 1684 through changes to the immigration laws in 1965.

RELI W4670 Native American Religions. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Permission of the instructor. Limited to 20 students.

Examines the varieties of Native American religions and spirituality, from contact to the present, including a look at the effects of European religions on Native American traditions.

RELI W4708 Last Works. 4 points.

What does a writer's last work tell us about his or her other works? About his or her life? About the lives of others? What is the relation between a writer's life and work? What is the relationship between the work and the life of the reader? Special attention will be given to the way psychological and religious preoccupation intersect to create the sense of an ending. The last works of the following writers will be read: Edward Said, Soren Kierkegaard, Friedrich Nietzsche, Henry David Thoreau, Sigmund Freud, Samuel Beckett, Maurice Blanchot, Jacques Derrida, Virginia Woolf, Ernest Hemingway, Philip Roth, and David Foster Wallace. This course is intended for advanced undergraduates and graduate students.

Spring 2015: RELI W4708

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4708	001/65533 T	2:10pm - 4:00pm 101 80 Claremont	Mark Taylor	4	14/25

RELI W4710 Kant and Kierkegaard on Religion. 4 points.

Examines the relationship between morality and religious faith in selected works of Immanuel Kant and Soren Kierkegaard. Examines Kant's claim that religious thought and practice arise out of the moral life, and Kierkegaard's distinction between morality and religious faith.

RELI W4712 Recovering Place. 4 points.

This seminar will reexamine the question of place and locality in an era characterized by virtualization and delocalization brought by digital media, electronic technology, and globalization. Readings will include theoretical as well as literary and artistic texts. Special attention will be given to the question of sacred places through a consideration of forests, deserts, gardens, mountains, caves, seas, and cemeteries.

RELI W4720 Religion and Pragmatism. 4 points.

An examination of the accounts of and methods for philosophical inquiry set out by Charles Peirce, William James, and John Dewey and by some contemporary representatives of the pragmatist tradition, with a focus on implications for the philosophy of religion.

**RELI W4721 Religion and Social Justice. 4 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: Permission of the instructor. Sophomore standing.
Examines current debates on three topics (religious reasons in public discourse, human rights, and democracy). Also looks

briefly at some uses of the Exodus story, focusing on Michael Walzer's study of its political uses, Edward Said's criticism of Walzer's use of it in connection with contemporary Israel, and its role in debates among African Americans in the nineteenth century.

RELI W4722 Nothing, God, Freedom. 4 points.

Prerequisites: Students in Religion and Philosophy will be given preference.

Focuses on three interrelated issues that lie at the heart of various religious, literary and artistic traditions. The approach will introduce students to rigorous cross-cultural and multi-disciplinary analysis. The aim of the inquiry will be to explore the similarities and differences of contrasting considerations of the problems of nothing, God and freedom in different religious traditions as well as alternative modes of interpretation and expression.

RELI W4723 Religious Experience and Mysticism. 4 points.

An examination of the concepts of religious experience and mysticism and the social practices associated with them, with particular attention to how those concepts and practices have developed.

Fall 2014: RELI W4723

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4723	001/68892 Th	11:00am - 12:50pm 201 80 Claremont	Wayne Proudfoot	4	13/20

RELI W4725 Religion and Modern Western Individualism. 4 points.

Over the course of the past three centuries, individualism has become more or less institutionalized in Europe and North America. At the same time, it is deeply opposed to dominant patterns in the pre-modern West and in virtually all of the rest of human history. The focus of this course is to understand the complex relationship of religion to individualism as it has arisen initially in the West and in recent decades also become influential globally, with the aim of appreciating both the power and the limitations of this set of developments. This course is intended for advanced undergraduates and graduate students.

Spring 2015: RELI W4725

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4725	001/71162 Th	2:10pm - 4:00pm 201 80 Claremont	George Rupp	4	9/20

RELI W4730 Exodus and Politics: Religious Narrative as a Source of Revolution. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Examination of the story of the Israelite exodus from Egypt, as it has influenced modern forms of political and social revolution, with emphasis on political philosopher Michael Walzer. Examination of the variety of contexts this story has been used in: construction of early American identity, African-American religious experience, Latin American liberation ideology, Palestinian nationalism, and religious feminism.

RELI W4732 Job and Ecclesiastes. 4 points.

Prerequisites: Permission of instructor. Graduate students, undergraduate majors and minors given priority. Examines Pascal's claim that to the extent that the Bible can be said to have a philosophy, it is contained in the Books of Job and Ecclesiastes. Examines this claim critically by reading these Biblical books against the history of their philosophical interpretation. Among the authors to be considered will be Gregory the Great, Aquinas, Maimonides, Calvin, Hobbes, Kant, Kierkegaard, Jung, Barth, and Rene Girard.

RELI W4734 Religious Concepts: Conversion. 4 points.

Examines critically the concept of 'conversion' as it appears in Western thought through an examination of religious, philosophical, and political texts.

RELI W4735 Ideology and Masses. 4 points.

Prerequisites: instructors permission
This seminar will consider Marxian conceptions of religion--the sigh of the oppressed, heart of a heartless world, halo of the vale of tears, and beyond--and critically examine theories of knowledge, interpretation, agency, and culture that are associated with them. The inquiry will be directed at defining and prescribing the role of religion in social analysis, as well as examining the use of Marxian concepts such as illusion, alienation, and fetishism. Texts include writings by Marx, Engels, Lukacs, Gramsci, Adorno & Horkheimer, Marcuse, Bataille, Althusser, Foucault, and Zizek.

RELI W4736 Time, Event, Rupture. 4 points.

Investigates theories of temporality, paying particular attention to the concept of an 'event' and the causes and implications of irruptions in consciousness. The inquiry will consider the relationships between time and truth, knowledge, subject/object, transcendence, origin, history, memory, and spirit, as well as approaches to temporal cohesion and rupture. Readings include texts by Husserl, Schelling, Benjamin, Heidegger, Lacan, Ricoeur, Blanchot, Derrida, Stiegler, Foucault, and Badiou.

RELI W4740 Genealogy, Pragmatism and the Study of Religion. 4 points.

Topics include: knowledge, truth, concepts of self and God, religious experience and practice. Works by Nietzsche, C. S. Peirce, William James, Dewey, Rorty, Bernard Williams and others.

RELI W4800 The Science-Religion Encounter in Contemporary Context. 4 points.

Prerequisites: Permission of instructor.
Focuses on differing models for understanding the relationship between religion and science, with emphasis on how the models fare in light of contemporary thinking about science, philosophy, and religion.

RELI W4801 World Religions: Idea and Enactment. 4 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Prerequisites: Permission of the instructor; some prior work in religion.
Historical and contemporary investigation of the concept of "world religions" - its origin, production, and entailments. Topics include the Chicago World's Parliament of Religions (1893); the choice and numbering of the "great religions;" several major comparativists; and the life of "world religions" in museums, textbooks, encyclopedia, and departmental curricula today.

RELI W4803 Religion Vs. The Academy. 4 points.

Prerequisites: Sophomore Standing. At least one course in Religion.
Today we hear heated debates about the proper aims of education in relation to those of religion. The impact of the David Project's "Columbia Unbecoming" on the Department of MESAAS and the university as a whole (2008) is a case in point. More recently (2014), in response to threatened legal action from the Hindu right, Penguin Press of India has withdrawn Wendy Doniger's book "The Hindus" from circulation, generating an international controversy. This course focuses on case studies from India and the United States--sometimes parallel, sometimes divergent, sometimes overlapping. Wendy Doniger and Gurinder Singh Mann will be guests.

Fall 2014: RELI W4803

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4803	001/08247	W 4:10pm - 6:00pm 214 Milbank Hall	John Hawley	4	6

RELI W4805 Secular and Spiritual America. 4 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.

Spring 2015: RELI W4805

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4805	001/13612	T 4:10pm - 6:00pm 201 80 Claremont	Courtney Bender	4	18/20

RELI W4806 Religious Studies at Columbia. 4 points.

This course will draw on the rich expertise represented by the Religion faculty. Each week, a faculty member will present his or her field of specialization and methodological/theoretical approach to it. Students will read representative samples of this faculty's scholarship and will discuss them with the instructor during a follow-up session.

RELI W4807 Divine Human Animal. 4 points.

BC: Fulfillment of General Education Requirement: Ethics and Values.

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 W4810 Mysticism. 4 points.

Introduction to the comparative study of mysticism. Primary texts read against the backdrop of various theories of the nature of mysticism, addressing issues such as relationship of mysticism and tradition and the function of gender in descriptions of mystical experiences.

RELI W4811 Mystical and Dimensions of Islam and Judaism. 4 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Prerequisites: Instructor's permission (undergrad majors, concentrators and grad students in religion given priority). Explores mystical dimensions that have evolved in Judaism and Islam in a comparative perspective with the aim of pointing to similarities and differences between the two major religions of Abraham. Topics include: mystical experience and the possibility of union in a theistic tradition and the sanctity of scriptural language and the limits of speech.

RELI W4812 Angels and Demons. 4 points.

Angels and demons -- and similar intermediary beings -- comprise a prominent and ubiquitous feature of the cultures influenced by the three major monotheisms, as well as of the cultures influenced by other spiritual traditions. With a focus on Jewish, Christian and post-religious environments of "The West," this seminar explores the history of angels and demons, and their changing theological meanings, psychological and cultural roles.

RELI W4814 Migration and Religious Change in Comparative and Historical Perspective. 4 points.

Looking at various forms of migration (voluntary and forced displacement) and religious communities (African, Muslim, Jewish), this seminar will explore two critical issues in relation to mobility and religion. The first is how does geographic mobility affect immigrant faith, and the second is how does migration influence the development of religion in the sending and receiving countries of migrants or diasporas?

RELI W4815 Technology, Religion, Future. 4 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.

Fall 2014: RELI W4815

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4815	001/17071	Th 4:10pm - 6:00pm 201 80 Claremont	David Kittay	4	26/30

RELI W4816 Law and Religion. 4 points.

A seminar introducing the past, present, and future of law and religion, exploring U.S. and Indian Supreme Court and Beth Din decisions, Moslem Shari'a, Hindu and Buddhist dharma and karma, the influence of advanced technology, civil and criminal liability compared with heterodoxy and heresy, originalism and fundamentalism, and the ethics of compassionate lawyering. Reading includes Buddhist Sutras, the Qur'an, the Bible, Hindu Dharmashastra, and works by Dostoyevsky, Isaac Singer, Holmes, Dworkin, Plato, Posner, Scalia, al-Shafi'a, and Google's Chief Engineer.

Spring 2015: RELI W4816

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4816	001/63170	Th 4:10pm - 6:00pm 201 80 Claremont	David Kittay	4	23/30

RELI W4824 Gender and Religion. 4 points.

Examination of the categories and intersections of gender and religion in understanding of religious origins, personal identities, religious experience, agency, body images and disciplines, sexuality, race relations, cultural appropriations, and power structures.

RELI W4825 Religion, Gender, and Violence. 4 points.

Investigates relations among religion, gender, and violence in the world today. Focuses on specific traditions with emphasis on historical change, variation, and differences in geopolitical location within each tradition, as well as among them at given historical moments.

Fall 2014: RELI W4825

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4825	001/02238	T 2:10pm - 4:00pm 502 Diana Center	Janet Jakobsen	4	19

RELI W4826 Religion, Race and Slavery. 0 points.
Not Offered During 2014-15 Academic Year.

This course explores the religious aspects of race and slavery from the Bible through the abolition of slavery in and around the Enlightenment, ending in the post-colonial era. The focus is mostly on the Atlantic World.

RELI W4828 Religion and the Sexual Body. 4 points.

Theoretical approaches to gender and sexualities, focusing on the articulation, cultivation, and regulation how bodily practices are within various religious traditions, including modern secularism.

RELI W4905 Methods in the Study of Religion. 4 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). There will be an additional class meeting on Thursdays.

Fall 2014: RELI W4905

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4905	001/03701	T 4:10pm - 6:00pm 501 Diana Center	Najam Haider	4	4

RELI W4910 Religion and International Development: Theory and Practice. 4 points.

Both the theory and the practice of international relief and development raise a host of normative as well as descriptive issues. This course will examine recent analyses of the impact of assistance programs on the social and cultural conditions in the developing world. While the focus will be on the economic and political developments, the role of religious communities will also be considered (on both the giving and the receiving ends of the aid transactions).

Fall 2014: RELI W4910

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RELI 4910	001/67147	Th 2:10pm - 4:00pm 201 80 Claremont	George Rupp	4	19/25

SLAVIC LANGUAGES

Departmental Office: 708 Hamilton; 212-854-3941
<http://www.columbia.edu/cu/slavic/>

Directors of Undergraduate Studies:

Prof. Frank Miller, 701 Hamilton; 212-854-8155;
 fjm6@columbia.edu
 Prof. Liza Knapp, 714 Hamilton Hall; 212-854-5697;
 lk2180@columbia.edu

Language Coordinator:

TBA

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.

FACULTY PROFESSORS

- Boris Gasparov
- Frank J. Miller

- Catharine Nepomnyashchy (Barnard)
- Cathy Popkin
- Irina Reyfman
- Alan Timberlake (Chair)

ASSOCIATE PROFESSORS

- Valentina Izmirlieva
- Liza Knapp
- Tatiana Smoliarova

VISITING ASSISTANT PROFESSORS

- Edward Tyerman (Barnard)

SENIOR LECTURERS

- Anna Frajlich-Zajac
- Alla Smyslova

LECTURERS

- Aleksandar Boskovic
- Anna Dvigubski (Barnard)
- Christopher Harwood
- Nataliya Kun
Yuri Shevchuk

ON LEAVE

- Profs. Popkin, Reyfman (*2014-2015*)
- Prof. Gasparov (*Spring 2015*)
- Prof. Izmirlieva (*Spring 2015*)

REQUIREMENTS

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 V3595 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 W3998 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 culture survey (RUSS V3223, RUSS V3228, or SLCL W3001):

RUSS V3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS V3221	Literature & Revolution [In English]
RUSS V3223	Magical Mystery Tour: The Legacy of Old Rus' [In English]
RUSS V3228	Russian Literature & Culture in the New Millennium
SLCL W3001	Slavic Cultures
CLRS W4431	Theatricality and Spectacle in the History of Russian Culture

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:

RUSS V3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS V3221	Literature & Revolution [In English]
RUSS V3223	Magical Mystery Tour: The Legacy of Old Rus' [In English]
RUSS V3228	Russian Literature & Culture in the New Millennium
SLCL W3001	Slavic Cultures
CLRS W4431	Theatricality and Spectacle in the History of Russian Culture

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:

RUSS V3223	Magical Mystery Tour: The Legacy of Old Rus' [In English]
RUSS V3228	Russian Literature & Culture in the New Millennium
SLCL W3001	Slavic Cultures
CLRS W4431	Theatricality and Spectacle in the History of Russian Culture

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.

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:

RUSS V3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS V3221	Literature & Revolution [In English]
RUSS V3223	Magical Mystery Tour: The Legacy of Old Rus' [In English]
RUSS V3228	Russian Literature & Culture in the New Millennium
SLCL W3001	Slavic Cultures
CLRS W4431	Theatricality and Spectacle in the History of Russian Culture

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 V3220	Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]
RUSS V3221	Literature & Revolution [In English]
RUSS V3228	Russian Literature & Culture in the New Millennium

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.

COURSES

BOSNIAN/CROATIAN/SERBIAN LANGUAGE AND LITERATURE

BCRS W1101 Elementary Bosnian/Croatian/Serbian, I and II. 4 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year.

Fall 2014: BCRS W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1101	001/15496	M W F 10:10am - 11:25am 352b International Affairs Bldg	Aleksandar 4 Boskovic	6	

BCRS W1102 Elementary Bosnian/Croatian/Serbian, I and II. 4 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year.

Spring 2015: BCRS W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1102	001/68864	M W F 10:10am - 11:25am 352b International Affairs Bldg	Stephane 4 Charitos, Aleksandar Boskovic	3	

BCRS W1201 Intermediate Bosnian/Croatian/Serbian, I and II. 3 points.

Prerequisites: BCRS W1102 or the equivalent.
Readings in Serbian/Croatian/Bosnian literature in the original, with emphasis depending upon the needs of individual students.

Fall 2014: BCRS W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1201	001/72501	M W F 11:40am - 12:55pm 716a Hamilton Hall	Aleksandar 3 Boskovic	6	

BCRS W1202 Intermediate Bosnian/Croatian/Serbian, I and II. 3 points.

Prerequisites: BCRS W1102 or the equivalent.
Readings in Serbian/Croatian/Bosnian literature in the original, with emphasis depending upon the needs of individual students.

Spring 2015: BCRS W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 1202	001/19662	M W F 11:40am - 12:55pm 716a Hamilton Hall	Aleksandar 3 Boskovic	5	

BCRS W4002 (Dis)integration in Frames: Race, Ethnicity and gender Issues in Yugoslav and Post Yugoslav Cinemas. 3 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.

Fall 2014: BCRS W4002

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 4002	001/99692	W 6:10pm - 10:00pm 325 Pupin Laboratories	Aleksandar 3 Boskovic	8	

BCRS W4331 Advanced Bosnian/Croatian/Serbian, I and II. 3 points.

Prerequisites: BCRS 1202.
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.

Fall 2014: BCRS W4331

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 4331	001/29673	M W 1:10pm - 2:25pm 718 Hamilton Hall	Aleksandar 3 Boskovic	1	

BCRS W4332 Advanced Bosnian/Croatian/Serbian, I and II. 3 points.

Prerequisites: BCRS 1202.
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.

Spring 2015: BCRS W4332

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
BCRS 4332	001/17272	M W 1:10pm - 2:25pm Room TBA	Aleksandar 3 Boskovic	3	

COMPARATIVE LITERATURE - CZECH

CLCZ W4020 Czech Culture Before Czechoslovakia. 3 points.

Prerequisites: Sophomore standing or 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 W4030 Postwar Czech Literature [in English]. 3 points.

Not Offered During 2014-15 Academic Year.

A survey of postwar Czech fiction and drama. Knowledge of Czech not necessary. Parallel reading lists available in translation and in the original.

CLCZ W4035 The Writers of Prague. 3 points.

A survey of the Czech, German, and German-Jewish literary cultures of Prague from 1910 to 1920. Special attention to Hašek, Ašepek, Kafka, Werfel, and Rilke. Parallel reading lists available in English and in the original.

Fall 2014: CLCZ W4035

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLCZ 4035	001/62030	T Th 2:40pm - 3:55pm 406 Hamilton Hall	Christopher3 Harwood	3	7

CLCZ W4038 Prague Spring of '68 in Film and Literature [In English]. 3 points.

Not Offered During 2014-15 Academic Year.

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 V3235 Imagining the Self. 3 points.

Not Offered During 2014-15 Academic Year.

Examines the literary construction of the self by comparing autobiographical and fictional texts from antiquity to the present. Focus on how the narrating self is masked, illusory, ventriloquized, or otherwise problematic. Works include Homer, Vergil, Rousseau, Wordsworth, Dostoevsky, Nabokov, and theoretical texts.

CLPL W4020 North America in the Mirror of Polish Literature. 3 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: A knowledge of Polish is not required and all lectures are available in English.

Considers the reflections of American culture in Polish literature. All aspects of American life viewed through

the lenses of the Polish writers, bringing into focus their perceptions of a different political, historical, and aesthetic experience

CLPL W4040 Mickiewicz. 3 points.

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.

Fall 2014: CLPL W4040

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
CLPL 4040	001/96399	W 6:10pm - 8:00pm 707 Hamilton Hall	Anna Frajlich-Zajac	3	4

CLPL W4120 The Polish Short Story in a Comparative Context. 3 points.

Not Offered During 2014-15 Academic Year.

The course examines the beginnings of the Polish short story in the 19th century and its development through the late 20th century, including exemplary works of major Polish writers of each period. It is also a consideration of the short story form--its generic features, its theoretical premises, and the way these respond to the stylistic and philosophical imperatives of successive periods.

CLPL W4300 Unbound and Post Dependent: The Polish Novel After 1989. 3 points.

Not Offered During 2014-15 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 Maslowska, Andrzej Stasiuk, Pawel Huelle, Olga Tokarczuk, Magdalena Tulli and others will be read and discussed. Knowledge of Polish not required.

COMPARATIVE LITERATURE - SLAVIC

CLSL W4003 Central European Drama in the Twentieth Century. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Not Offered During 2014-15 Academic Year.

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.

Spring 2015: CLSL W4003

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLSL 4003	001/69303	T Th 6:10pm - 7:25pm 707 Hamilton Hall	Ivan Sanders	3	5

CLSL W4004 Introduction to Twentieth-Century Central European Fiction. 3 points.

Not Offered During 2014-15 Academic Year.

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 W4075 Soviet and Post-Soviet, Colonial and Post Colonial Film. 0 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 2014: CLSL W4075

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLSL 4075	001/16876	T 6:10pm - 10:00pm 511 Hamilton Hall	Yuri Shevchuk	0	6

CLSL W4995 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.

Fall 2014: CLSL W4995

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLSL 4995	001/72637	T Th 6:10pm - 7:25pm 406 Hamilton Hall	Ivan Sanders	3	3

COMPARATIVE LITERATURE - RUSSIAN

CLRS V3304 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, Vasily 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 (<http://readingviolence.weebly.com>).

Spring 2015: CLRS V3304

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 3304	001/63048	M W 4:10pm - 5:25pm 707 Hamilton Hall	Bradley Gorski	3	17/21

CLRS V3224 Nabokov. 3 points.

Not Offered During 2014-15 Academic Year.

This course examines the writing (including major novels, short stories, essays and memoirs) of the Russian-American author Vladimir Nabokov. Special attention to literary politics and gamesmanship and the author's unique place within both the Russian and Anglo-American literary traditions. Knowledge of Russian not required.

CLRS V3501 How to Tell a War Story: Narratives About War from Leo Tolstoy to the Present. 3 points.

Not Offered During 2014-15 Academic Year.

We will read a range of works about war, from Tolstoy's war stories to contemporary American war fiction, reporting, memoirs, and essays. Each author attempts to capture and convey the truth about war, subject matter that challenges language, narrative, memory, and understanding. What means do the authors use to tell their war stories? What truths do they reveal about war, death, love, responsibility, and the human condition? Authors include: Leo Tolstoy, William Russell, Ambrose Pierce, Stephen Crane, Henri Barbusse, Isaac Babel, Erich Maria Remarque, Virginia Woolf, Ernest Hemingway, Philip Caputo, Tim O'Brien, Kevin Powers, Siobhan Fallon, Phil Klay, and others. (All readings in English.)

CLRS W4011 Dostoevsky, Tolstoy, and the English Novel [in English]. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

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.

CLRS W4015 Dostoevsky and Nabokov: Narratives of Transgression and Madness. 3 points.

Not Offered During 2014-15 Academic Year.

A close reading of works by Dostoevsky (the Double, Notes from Underground, Crime and Punishment. "The Meek

One," The Brothers Karamazov) and Nabokov (Despair, Lolita). Paying particular attention to narrative strategies, the course will prepare students to apply their knowledge of Dostoevskian plot, thematics, and literary technique to two novels by the great Dostoevsky-denier Nabokov.

CLRS W4022 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, Aitmatov, Iskander, Borsdsky); 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.

Spring 2015: CLRS W4022

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4022	001/02814	M W 11:40am - 12:55pm 324 Milbank Hall	Edward Tyerman	3	31/40

CLRS W4016 Petersburg Texts. 3 points.

This course will explore the concept of the Petersburg Text, its origins, development, and continuations. We will read classic, nineteenth-century Petersburg texts by Pushkin ("The Bronze Horseman," "The Queen of Spades"), Gogol (the Petersburg tales), and Dostoevsky ("White Nights," The Double, Crime and Punishment) Leskov's parody of the tradition ("Apparition at the Engineer's Castle"), Bely's Petersburg, Daniil Kharm's "old women" stories, Vladimir Nabokov's Lolita, and some contemporary Petersburg noir stories. No knowledge of Russian required.

Spring 2015: CLRS W4016

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4016	001/17796	T Th 2:40pm - 3:55pm 509 Hamilton Hall	Deborah Martinsen	3	5

CLRS W4190 Race, Ethnicity, and Narrative, in the Russian/Soviet Empire. 3 points.

CC/GS/SEAS: Partial Fulfillment of Global Core Requirement

Not Offered During 2014-15 Academic Year.

This course examines the literary construction of ethnic and cultural identity in texts drawn from the literatures of ethnic minorities and non-Slavic nationalities that coexist within the Russian and Soviet imperial space, with attention to the historical and political context in which literary discourses surrounding racial, ethnic, and cultural particularity develop. Organized around three major regions -- the Caucasus, Central Asia, and the Russian Far East -- readings include canonical "classics" by Aitmatov, Iskander, and Rytkheu as well as less-known texts, both "official" and censored.

CLRS W4431 Theatricality and Spectacle in the History of Russian Culture. 3 points.

A survey of Russian Cultural History from the late 17th Century to the present day, focused on the problems of Theater and Performance, their place in the system of power and in the structure of everyday life. Alongside with the history of Russian Theater, various manifestations of theatricality, from the 18th century Court Festivals to the Moscow Olympiad of 1980, will be studied. Readings will include milestones of Russian drama (plays by Pushkin, Gogol, Ostrovski, Chekhov, Bulgakov), theater manifestos by Stanislavski, Meierhold, Evreinov, as well as selected issues in contemporary cultural, architectural and visual theory (works by R. Barthes, M. Carlson, A. Vidler, M. Fried). All readings will be in English.

Fall 2014: CLRS W4431

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CLRS 4431	001/76395	T Th 2:40pm - 3:55pm 1219 International Affairs Bldg	Tatiana Smoliarova	3	4

CZECH LANGUAGE AND LITERATURE**CZCH W1101 Elementary Czech, I and II. 4 points.**

Essentials of the spoken and written language. Prepare students to read texts of moderate difficulty by the end of the first year.

Fall 2014: CZCH W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1101	001/75947	T Th F 10:10am - 11:25am 406 Hamilton Hall	Christopher4 Harwood	4	2/18

CZCH W1102 Elementary Czech, I and II. 4 points.

Essentials of the spoken and written language. Prepare students to read texts of moderate difficulty by the end of the first year.

Spring 2015: CZCH W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1102	001/28387	T Th F 10:10am - 11:25am 406 Hamilton Hall	Christopher4 Harwood	4	2/20

CZCH W1201 Intermediate Czech, I and II. 4 points.

Prerequisites: CZCH W1102 or the equivalent.
Rapid review of grammar. Readings in contemporary fiction and nonfiction, depending upon the interests of individual students.

Fall 2014: CZCH W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 1201	001/27942	T Th F 11:40am - 12:55pm 406 Hamilton Hall	Christopher4 Harwood	4	0/18

CZCH W1202 Intermediate Czech, I and II. 4 points.

Prerequisites: CZCH W1102 or the equivalent.
Rapid review of grammar. Readings in contemporary fiction and nonfiction, depending upon the interests of individual students.

CZCH W4333 Readings in Czech Literature, I. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

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 2014: CZCH W4333

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
CZCH 4333	001/19885	T Th 1:10pm - 2:25pm 406 Hamilton Hall	Christopher3 Harwood	3	2

CZCH W4334 Readings in Czech Literature, II. 3 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.

Spring 2015: CZCH W4334

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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CZCH 001/73478 T Th 11:40am - 12:55pm Christopher3 2
4334 704 Hamilton Hall Harwood

CZCH G8001 Directed Research In Czech Literature. 3-4 points.

Not Offered During 2014-15 Academic Year.

Departmental permission.

CZCH G8002 Directed Research In Czech Literature. 3-4 points.

Not Offered During 2014-15 Academic Year.

Departmental permission.

HISTORY - SLAVIC

HSSL W3224 Cities and Civilizations: an Introduction To Eurasian Studies. 3 points.

Not Offered During 2014-15 Academic Year.

Cities and Civilizations: An Introduction to Eurasian Studies Introduction to the study of the region formerly occupied by the Russian and Soviet Empires focusing on cities as the space of self-definition, encounter, and tension among constituent peoples. Focus on incorporating and placing in dialogue diverse disciplinary approaches to the study of the city through reading and analysis of historical, literary, and theoretical texts as well as film, music, painting, and architecture. *Group(s): B*

HSSL W4860 Post-Socialist Cities of Eurasia. 4 points.

Not Offered During 2014-15 Academic Year.

Beginning with the Bolshevik Revolution in Russia, the reorganization of urban life was a central goal of Marxist-Leninist state socialism. Despite its claim to be making a radical break with the past, however, this new vision of the city was realized in practice through interaction with earlier urban forms, and the legacy of socialist urbanity continues to be felt in the physical spaces and daily lives of current post-Soviet and post-communist metropolises. This course examines the "socialist city" from its origins in the early USSR, through its transformations across time and space in Eastern Europe and East Asia, down to the present day. Our definition of "Eurasia" therefore extends beyond the former Soviet space to include cities in socialist and post-socialist societies such as China, East Germany, Poland, Mongolia, and North Korea. The course will also venture as far afield as Havana, Brasilia, Mexico City, and New York, considering the socialist city as an experiment in urban living carried out in various times and places well outside the former socialist "bloc." These cities will be studied through a variety of sources across several disciplines, including history, literature, film, art and architecture, anthropology and geography. The spring course continues with the Global Scholars Program Summer Workshop 2014, "Contemporary Cities of Eurasia: Berlin, Moscow, Ulan Bator, Beijing." Students are expected to enroll in both courses.

POLISH LANGUAGE AND LITERATURE

POLI W1101 Elementary Polish, I and II. 4 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year.

Fall 2014: POLI W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1101	001/67259	M W F 10:10am - 11:25am 408 Hamilton Hall	Anna Frąjlich-Zajac	4	4/18

POLI W1102 Elementary Polish, I and II. 4 points.

Essentials of the spoken and written language. Prepares students to read texts of moderate difficulty by the end of the first year.

Spring 2015: POLI W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1102	001/29480	M W F 10:10am - 11:25am 716a Hamilton Hall	Anna Frąjlich-Zajac	4	3/15

POLI W1201 Intermediate Polish, I and II. 4 points.

Prerequisites: POLI W1102 or the equivalent. Rapid review of grammar; readings in contemporary nonfiction or fiction, depending on the interests of individual students.

Fall 2014: POLI W1201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1201	001/64631	M W F 1:10pm - 2:25pm 716a Hamilton Hall	Anna Frąjlich-Zajac	4	4/18

POLI W1202 Intermediate Polish, I and II. 4 points.

Prerequisites: POLI W1102 or the equivalent. Rapid review of grammar; readings in contemporary nonfiction or fiction, depending on the interests of individual students.

Spring 2015: POLI W1202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
POLI 1202	001/64640	M W F 1:10pm - 2:25pm 716a Hamilton Hall	Anna Frąjlich-Zajac	4	1/20

POLI W3997 Supervised Individual Research. 2-4 points.

Prerequisites: Departmental permission.

POLI W3998 Supervised Individual Research. 2-4 points.

Prerequisites: Departmental permission.

POLI W4050 Contemporary Polish Poetry. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: A knowledge of Polish is not required.

POLI W4101 Advanced Polish I and II. 4 points.

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.

Fall 2014: POLI W4101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 4101	001/24981	M W 2:40pm - 3:55pm 716a Hamilton Hall	Anna Frąjlich-Zajac	4	1/18

POLI W4102 Advanced Polish I and II. 4 points.

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 2015: POLI W4102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
POLI 4102	001/17323	M W 2:40pm - 3:55pm 716a Hamilton Hall	Anna Frąjlich-Zajac	4	1/18

RUSSIAN LANGUAGE

RUSS V1101 First-year Russian, I and II. 5 points.

Grammar, reading, composition, and conversation.

Fall 2014: RUSS V1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1101	001/72674	M T W Th 8:50am - 9:55am 709 Hamilton Hall	Molly Avila	5	9
RUSS 1101	002/62484	M T W Th 11:40am - 12:45pm 709 Hamilton Hall	Thomas Davis	5	9
RUSS 1101	003/13153	M T W Th 1:10pm - 2:15pm 709 Hamilton Hall	Sophie Pinkham	5	12/16
RUSS 1101	004/70734	M T W Th 2:40pm - 3:45pm 709 Hamilton Hall	Emily Traverse	5	5
RUSS 1101	005/15813	M T W Th 6:10pm - 7:30pm 709 Hamilton Hall	William Hanlon	5	5

RUSS 1101	006/20971	M T W Th 8:50am - 9:55am 317 Hamilton Hall	Robyn Jensen	5	7
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RUSS V1102 First-year Russian, I and II. 5 points.

Grammar, reading, composition, and conversation.

Spring 2015: RUSS V1102

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1102	001/25081	M T W Th 8:50am - 9:55am 709 Hamilton Hall	Molly Avila	5	9/12
RUSS 1102	002/28531	M T W Th 11:40am - 12:45pm 709 Hamilton Hall	Thomas Davis	5	7/12
RUSS 1102	003/64036	M T W Th 1:10pm - 2:15pm 709 Hamilton Hall	Sophie Pinkham	5	8/12
RUSS 1102	004/72657	M T W Th 2:40pm - 3:45pm 709 Hamilton Hall	Christopher Harwood	5	8/12
RUSS 1102	005/69296	M T W Th 6:10pm - 7:15pm 709 Hamilton Hall	William Hanlon	5	4/12
RUSS 1102	006/81497	M T W Th 8:50am - 9:55am 317 Hamilton Hall	Robyn Jensen	5	5/12

RUSS V1201 Second-year Russian, I and II. 5 points.

Prerequisites: RUSS V1102 or the equivalent.

Drill practice in small groups. Reading, composition, and grammar review.

Fall 2014: RUSS V1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1201	001/62696	M T W Th 8:50am - 9:55am 707 Hamilton Hall	Illya Kun	5	7/14
RUSS 1201	002/15171	M T W Th 11:40am - 12:45pm 408 Hamilton Hall	Nataliya Kun	5	14/14
RUSS 1201	003/68968	M T W Th 1:10pm - 2:15pm 707 Hamilton Hall	Nataliya Kun	5	11/14

RUSS V1202 Second-year Russian, I and II. 5 points.

Prerequisites: RUSS V1102 or the equivalent.

Drill practice in small groups. Reading, composition, and grammar review.

Spring 2015: RUSS V1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 1202	001/03274	M T W Th 8:50am - 9:55am 707 Hamilton Hall	Illya Kun	5	8/12

RUSS 1202	002/10489 M T W Th 11:40am - 12:45pm 307 Mathematics Building	Nataliya Kun	5	11/12
RUSS 1202	003/76361 M T W Th 4:10pm - 5:15pm 237 Milbank Hall	Anna Dvigubski	5	9/12

RUSS V3101 Third-year Russian, I and II. 4 points.

Prerequisites: RUSS V3101:RUSS 1202 or the equivalent and the instructor's permission. Prerequisite for V3102: Russian V3101 or the equivalent.

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.

Fall 2014: RUSS V3101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3101	001/05440	M W F 1:10pm - 2:25pm 421 Lehman Hall	Anna Dvigubski	4	7/15
RUSS 3101	002/15645	M W F 10:10am - 11:25am 707 Hamilton Hall	Alla Smyslova	4	8/12

RUSS V3102 Third-year Russian, I and II. 4 points.

Prerequisites: RUSS V3101:RUSS 1202 or the equivalent and the instructor's permission. Prerequisite for V3102: Russian V3101 or the equivalent.

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 2015: RUSS V3102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3102	001/01193	M W F 1:10pm - 2:25pm 237 Milbank Hall	Anna Dvigubski	4	6/15
RUSS 3102	002/22346	M W F 10:10am - 11:25am 707 Hamilton Hall	Alla Smyslova	4	10

RUSS V3430 Russian for Heritage Speakers, I and II. 3 points.

Prerequisites: PREREQUISITES RUSS V3430 or 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. Conducted in Russian.

Fall 2014: RUSS V3430

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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RUSS 3430	001/74450 M W 2:40pm - 3:55pm 707 Hamilton Hall	Alla Smyslova	3	8/15
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RUSS V3431 Russian for Heritage Speakers, I and II. 3 points.

Prerequisites: PREREQUISITES RUSS V3430 or 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. Conducted in Russian.

Spring 2015: RUSS V3431

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3431	001/60604	M W 2:40pm - 3:55pm 707 Hamilton Hall	Alla Smyslova	3	8/15

RUSS W4344 Chteniia po russkoi kul'ture: Advanced Russian Through History. 3 points.

Prerequisites: Three years of college Russian or the equivalent. In 2008-2009: 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 2014: RUSS W4344

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4344	001/66542	M W 2:40pm - 3:55pm 408 Hamilton Hall	Frank Miller	3	8

RUSS W4333 Fourth-year Russian, I and II. 4 points.

Prerequisites: Three years of college Russian and the instructor's permission.

Either term may be taken separately. W4333x: Systematic study of problems in Russian syntax; written exercises, translations into Russian, and compositions. W4334y: Discussion of different styles and levels of language, including word usage and idiomatic expression; written exercises, analysis of texts, and compositions. Conducted entirely in Russian.

Fall 2014: RUSS W4333

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4333	001/08900	M W F 10:10am - 11:25am 501 Milbank Hall	Anna Dvigubski	4	10

RUSS W4334 Fourth-year Russian, I and II. 4 points.

Prerequisites: Three years of college Russian and the instructor's permission.

Either term may be taken separately. W4333x: Systematic study of problems in Russian syntax; written exercises, translations into Russian, and compositions. W4334y:

Discussion of different styles and levels of language, including word usage and idiomatic expression; written exercises, analysis of texts, and compositions. Conducted entirely in Russian.

Spring 2015: RUSS W4334

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4334	001/27748	M W F 10:10am - 11:25am 237 Milbank Hall	Anna Dvigubski	4	9

RUSS W4345 Chteniia po russkoi kul'ture: Advanced Russian Through History. *3 points.*

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 2015: RUSS W4345

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4345	001/63155	T Th 1:10pm - 2:25pm 406 Hamilton Hall	Frank Miller	3	8

RUSS W4351 Moving to Advanced-Plus: Language, Culture, Society in Russian Today. *0 points.*

Prerequisites: Seven semesters of college Russian
Eight semesters of college Russian and 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 W4433 Specific Problems in Mastering Russian. *3 points.*

Prerequisite: four years of college Russian and instructor's permission. The Russian verb (basic stem system, aspect, locomotion); prefixes; temporal, spatial, and causal relationships; word order; word formation

Fall 2014: RUSS W4433

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4433	001/69271	T Th 2:40pm - 3:55pm 404 Hamilton Hall	Frank Miller	3	5

RUSS W4432 Contrastive Phonetics and Grammar of Russian and English. *3 points.*

Prerequisites: RUSS W4334 or the equivalent and the instructor's permission.

Comparative phonetic, intonational, and morphological structures of Russian and English, with special attention to typical problems for American speakers of Russian.

Fall 2014: RUSS W4432

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4432	001/22276	T Th 1:10pm - 2:25pm 716a Hamilton Hall	Frank Miller	3	4/15

RUSS W4434 Practical Stylistics [in Russian]. *3 points.* Not Offered During 2014-15 Academic Year.

Prerequisites: RUSS W4334 or the equivalent or the instructor's permission.
Focuses on theoretical matters of style and the stylistic conventions of Russian expository prose, for advanced students of Russian who wish to improve their writing skills.

RUSSIAN LITERATURE (IN ENGLISH)

RUSS V3220 Literature and Empire: The Reign of the Novel in Russia (19th Century) [In English]. *3 points.*

Knowledge of Russian not required. 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.

Fall 2014: RUSS V3220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3220	001/26653	T Th 1:10pm - 2:25pm 202 Milbank Hall	Edward Tyerman	3	18

RUSS V3221 Literature & Revolution [In English]. *3 points.*

Knowledge of Russian not required. Survey of Russian literature from symbolism to the culture of high Stalinism and post-Socialist realism of the 1960-70s, including major works by Andrei Bely, Blok, Olesha, Babel, Bulgakov, Platonov, Zoshchenko, Kharmis, Kataev, Pasternak, Venedikt Erofeev.

Spring 2015: RUSS V3221

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3221	001/07073	T Th 1:10pm - 2:25pm 302 Milbank Hall	Edward Tyerman	3	19

RUSS V3222 Tolstoy and Dostoevsky [In English]. *3 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 2015: RUSS V3222

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3222	001/24362	M W 10:10am - 11:25am 702 Hamilton Hall	Liza Knapp	3	63/86

RUSS V3223 *Magical Mystery Tour: The Legacy of Old Rus' [In English]. 3 points.*

Not Offered During 2014-15 Academic Year.

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 the fervent anticipation of the End are all part of a tour that is as illuminating as it is fun. No knowledge of Russian is required

RUSS V3595 *Senior Seminar. 3 points.*

A research and writing workshop designed to help students plan and execute a major research project, and communicate their ideas in a common scholarly language that crosses disciplinary boundaries. Content is determined by students' thesis topics, and includes general sessions on how to formulate a proposal and how to generate a bibliography. Students present the fruits of their research in class discussions, culminating in a full-length seminar presentation and the submission of the written thesis.

Fall 2014: RUSS V3595

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3595	001/03342	T 4:10pm - 6:00pm 237 Milbank Hall	Edward Tyerman	3	4

RUSS W4107 *Russian Literature and Culture in the New Millennium. 3 points.*

Survey of Russian literature and culture from the late 1970s until today. Works by Petrushevskaya, Pelevin, Tolstaya, Sorokin, Ulitskaya, Akunin, Rubinshtein, Prigov, Vasilenko, and others. Literature, visual art, and film are examined in social and political context. Knowledge of Russian not required.

Fall 2014: RUSS W4107

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4107	001/22196	T Th 11:40am - 12:55pm 609 Hamilton Hall	Rad Borislavov	3	13

RUSS W4108 *The Great Experiment: Russian Media in the Long 20th Century. 3 points.*

The course will examine key events of Russian cultural history from the 1870s until today from the point of view of the concept of medium. It will begin with some theoretical definitions and proceed with a closer look at optical, audio and print media and their role in promoting mass culture, avant-garde experiments of the 1920s and 1930s, Soviet propaganda and dissident practices, and post-Soviet uses artistic and political uses of new media. Works by Mayakovsky, Il'f and Petrov, Erenburg, Shklovsky. Critical readings by Marshall McLuhan, Lev Manovich, Katherine Hayles, and Boris Groys.

Spring 2015: RUSS W4108

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4108	001/16295	T Th 11:40am - 12:55pm 609 Hamilton Hall	Rad Borislavov	3	10/15

RUSS W4451 *The Cultural Cold War. 3 points.* **Not Offered During 2014-15 Academic Year.**

This course will examine major developments in Soviet society after WWII through the prism of the Cold War. Organized thematically and chronologically, it will focus selectively on specific episodes of Soviet-American relations by drawing on a variety of media. Students will read, discuss and evaluate a broad range of primary and secondary sources and think critically about historical writing, the relationship between art and politics, mass culture and propaganda, spy novels, memoirs and travelogues. Films by Sergei Eisenstein, Andrei Tarkovsky, Stanley Kubrick, and John Frankenheimer. Prose and poetry by Andrei Voznesensky, Viktor Pelevin, Svetlana Alexievich, Vasily Aksyonov, Viktor Nekrasov and others.

RUSS W4452 Russian Modernism Through the Lens of Music. 3 points.

A historical survey of trends of Russian musical modernism in the context of Russian cultural history of the first half of the twentieth century. Works by Chaikovsky, Rimsky-Korsakov, Scriabin, Stravinsky, Prokofiev, Mosolov, Shostakovich and Schnittke will be considered alongside notable events of contemporary literature, visual art, and aesthetic theory. Knowledge of Russian not required.

Fall 2014: RUSS W4452

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4452	001/61748	T Th 6:10pm - 7:25pm 707 Hamilton Hall	Boris Gasparov	3	7

RUSS W4676 Russian Art between East and West: The Search for National Identity. 3 points.

Aims to be more than a basic survey that starts with icons and ends with the early modernists. Taking an interdisciplinary approach, it aims to highlight how the various cultural transmissions interacted to produce, by the 1910s, an original national art that made an innovative contribution to world art. It discusses the development of art not only in terms of formal, aesthetic analysis, but also in the matrix of changing society, patronage system, economic life and quest for national identity. Several guest speakers will discuss the East-West problematic in their related fields—for example, in literature and ballet.

Some familiarity with Russian history and literature will be helpful, but not essential. Assigned readings in English. Open to undergraduate and graduate students.

RUSS W4910 Literary Translation. 3 points.

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 of the class is to produce translation of publishable quality.

RUSSIAN LITERATURE**RUSS V3339 Masterpieces of Russian Literature: 19th Century. 3 points.**

BC: Fulfillment of General Education Requirement: Literature (LIT).

Not Offered During 2014-15 Academic Year.

Prerequisites: Native or near-native knowledge of Russian and permission of the instructor.

A close study, in the original, of representative works by Pushkin, Lermontov, Gogol, Turgenev, Goncharov, Tolstoy, Dostoevsky, Leskov, and Chekhov.

RUSS V3340 Masterpieces of Russian Literature: 20th Century. 3 points.

BC: Fulfillment of General Education Requirement: Literature (LIT).

Prerequisites: Native or near-native knowledge of Russian and permission of the instructor.

A close study, in the original, of representative works by Bunin, Tsvetaeva, Mayakovsky, Babel, Pasternak, Bulgakov, Nabokov, Mandelstam, Anna Akhmatova, Solzhenitsyn, Brodsky, and Pelevin.

RUSS V3332 Vvedenie v russkuiu literaturu: Scary Stories. 3 points.

Two years of college Russian or the instructor's permission. For non-native speakers of Russian. 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.

Fall 2014: RUSS V3332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 3332	001/08119	M W 4:10pm - 5:25pm 207 Milbank Hall	Anna Dvigubski	3	6

RUSS V3333 Vvedenie v russkuiu literaturu: Poor Liza, Poor Olga, Poor Me. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Two years of college Russian or the instructor's permission.

For non-native speakers of Russian. 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.

RUSS V3997 Supervised Individual Research. 2-4 points.

Prerequisites: Open to senior majors, and permission of the instructor.

Supervised research culminating in a critical paper.

RUSS W4014 Introduction to Russian Poetry and Poetics. 3 points.
Not Offered During 2014-15 Academic Year.

An introduction to Russian poetry, through the study of selected texts of major poets of the nineteenth and twentieth centuries, primarily: Pushkin, Lermontov, Pavlova, Tiutchev, Blok, Mandel'shtam, Akhmatova, Mayakovsky, Prigov and Brodsky. Classes devoted to the output of a single poet will be interspersed with classes that draw together the poems of different poets in order to show the reflexivity of the Russian poetic canon. These classes will be organized according either to types of poems or to shared themes. The course will teach the basics of versification, poetic languages (sounds, tropes), and poetic forms. Classes in English; poetry read in Russian.

RUSS W4200 Theater Workshop: Gogol's Revizor. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Instructor's permission.

The study and staging, in the original of a Russian play (Gogol's *Revizor*). Concentration on exploration of character and style through language, phonetics, detailed textual analysis, and oral presentation.

RUSS W4331 Chteniia po russkoi literaturu: Turgenev. 3 points.
Not Offered During 2014-15 Academic Year.

The course is devoted to reading shorter prose works by Ivan Turgenev. The reading list includes stories from his collection *Sketches of a Hunter* as well as such masterpieces as *The Diary of a Superfluous Man*, *First Love*, and *Asia*. Classes are conducted entirely in Russian.

RUSS W4332 Chteniia po russkoi literaturu: Gogol. 3 points.
Not Offered During 2014-15 Academic Year.

The course is devoted to reading shorter works by Nikolai Gogol. The syllabus includes selections from his collection *Sketches of a Hunter* as well as such masterpieces as *The Diary of a Superfluous Man*, *First Love*, and *Asia*. Classes are conducted entirely in Russian.

RUSS W4338 Chteniia po russkoi literature: Voina i mir. 3 points.
Not Offered During 2014-15 Academic Year.

The course is devoted to reading and discussing of Tolstoy's masterpiece. Classes are conducted entirely in Russian.

RUSS W4339 Chteniia po russkoi literature: Pushkin. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Three years of college Russian and the instructor's permission.

A survey of Alexander Pushkin's poetry and prose in the original. Emphasis on the emergence of a new figure of the Poet in Russian in the 1820-1830s. Linguistic analysis of the poetic texts (vocabulary, metrics, versification) will be combined with the study of Russian History and Culture as reflected in Pushkin's writings.

RUSS W4346 Chteniia po russkoi kul'ture: Russian Folklore and the Folkloric Tradition. 3 points.

The purpose of this course is to acquaint students with traditional folk beliefs that are part of Russian life today. Readings will include descriptions of character ritual folk beliefs as well as narratives about personal experiences concerning superstition, sorcery and the supernatural. Also included will be folktales that most Russians know and contemporary Russian folk narratives.

Spring 2015: RUSS W4346

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4346	001/16621	T Th 2:40pm - 3:55pm 406 Hamilton Hall	Frank Miller	3	12

RUSS W4347 Chteniia po russkoi kul'ture: Contemporary Social Sciences. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Five semesters of college level Russian, or four semesters of college level Russian and participation in a study abroad program in a Russian speaking country and instructor's permission.

This course is designed to meet the needs of advanced undergraduate and graduate students across several fields--the natural sciences, social sciences, humanities, fine arts, business, law and others-- who wish to focus on acquisition of high proficiency reading skills that will allow them to conduct research using written Russian-language academic sources.

RUSS W4348 Chteniia po russkoi kul'ture: Advanced Russian Through the Media. 3 points.

Prerequisites: Three years of college Russian or the equivalent. This course is designed to meet the needs of advanced students of Russian across several fields - the humanities, social sciences, law, arts, and others - who want to further develop their speech, comprehension, reading, and writing and be introduced to the contemporary Russian media. This addition to our series of courses in Advanced Russian through cultural content provides training for research and professional work in Russian.

Fall 2014: RUSS W4348

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4348	001/16087	T Th 10:10am - 11:25am 709 Hamilton Hall	Illya Kun	3	7/15

RUSS W4349 Chteniia po russkoi kul'ture: Advanced Russian Through Song. 3 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Three Years of College Russian or the equivalent
 This is a content-based language course that is designed to develop students' ability to understand fluent Russian speech and express their opinions on various social and cultural topics in both oral and written form.

RUSS W4354 Chteniia po Russkoi Literature: A Hero of Our Time and Other Superfluous People. 3 points.

This course focuses on the study and analysis of Mikhail Lermontov's, "A Hero of Our Time" - one of the most influential Russian novels of the 19th century - in its broader social, artistic, and intellectual context. Students will trace the development of the so-called "superfluous man," a strikingly ubiquitous character type whose recurrent appearance throughout the broader history of Russian literature makes him one of the most recognizable national characters.

Spring 2015: RUSS W4354

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
RUSS 4354	001/66375	M W 1:10pm - 2:25pm 707 Hamilton Hall	Nataliya Kun	3	12/16

RUSS G4034 Literature, Politics, and Tradition after Socialist Realism. 4 points.

The major writers and trends in Russian literature from the death of Stalin to the present. Emphasis on the rethinking of the role of literature in society and on formal experimentation engendered by relaxation of political controls over literature. A knowledge of Russian is not required.

RUSS G4110 Russian Formalism & Structuralism. 4 points.

Not Offered During 2014-15 Academic Year.

Evaluation of the contributions of Russian Formalism and Structuralism to modern critical thought. Tracing of the characteristic features of both movements in comparison with kindred critical developments in the West.

SLAVIC CULTURE

SLCL W3001 Slavic Cultures. 3 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).

Fall 2014: SLCL W3001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SLCL 3001	001/68364	M W 8:40am - 9:55am 717 Hamilton Hall	Alan Timberlake	3	55/87

SLAVIC LITERATURE

SLLT W4015 Ideology, History, Identity: South Slavic Writers from Modernism to Postmodernism and Beyond. 3 points.

Not Offered During 2014-15 Academic Year.

Explores the issue of Yugoslav identity through the representative texts of major Serbian writers, such as Milos Crnjanski, Ivo Andric, Danilo Kis, Milorad Pavic, and Borislav Pekic.

UKRAINIAN LANGUAGE AND LITERATURE

UKRN W1101 Elementary Ukrainian, I and II. 3 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 2014: UKRN W1101

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1101	001/26687	M W F 8:40am - 9:55am 352b International Affairs Bldg	Yuri Shevchuk	3	6/18

UKRN W1102 Elementary Ukrainian, I and II. 3 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 2015: UKRN W1102

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1102	001/16359	M W F 8:40am - 9:55am 352b International Affairs Bldg	Stephane Charitos, Yuri Shevchuk	3	5/15

UKRN W1201 Intermediate Ukrainian, I and II. 3 points.

Prerequisites: UKRN W1102 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 2014: UKRN W1201

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1201	001/21433	M W F 10:10am - 11:25am 351c International Affairs Bldg	Yuri Shevchuk	3	4/18

UKRN W1202 Intermediate Ukrainian, I and II. 3 points.

Prerequisites: UKRN W1102 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 2015: UKRN W1202

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 1202	001/60913	M W F 10:10am - 11:25am 709 Hamilton Hall	Stephane Charitos, Yuri Shevchuk	3	6/20

**UKRN W3997 Supervised Individual Research. 2-4 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: Departmental permission.

**UKRN W3998 Supervised Individual Research. 2-4 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: Departmental permission.

UKRN W4001 Advanced Ukrainian, I and II. 3 points.

Prerequisites: UKRN W1202 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.

Fall 2014: UKRN W4001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4001	001/73046	M W 2:40pm - 3:55pm Room TBA	Yuri Shevchuk	3	0/18

UKRN W4002 Advanced Ukrainian, I and II. 3 points.

Prerequisites: UKRN W1202 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.

Spring 2015: UKRN W4002

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4002	001/16106	M W 2:40pm - 3:55pm Room TBA	Yuri Shevchuk	3	0/20

**UKRN W4021 Introduction to Ukrainian Literature and Culture: Beginnings Through the 19th Century. 3 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: Some familiarity with at least one Slavic language.

UKRN W4033 Early Modernism in Ukrainian Literature. 3 points.

The course focuses on the rise 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 Musa, Olha Kobylanska, Lesia Ukrainka, and Volodymyr Vynnychenko among others. The course will trace the introduction of urban motifs and settings, as well as decadence, into Ukrainian literature and analyze the conflict that ensued among Ukrainian intellectuals as they forged 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.

Spring 2015: UKRN W4033

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
UKRN 4033	001/70933	T Th 1:10pm - 2:25pm 716a Hamilton Hall	Mark Andryczyk	3	2

**UKRN W4037 The Aura of Soviet Ukrainian Modernism. 3 points.
Not Offered During 2014-15 Academic Year.**

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.

**UKRN W4040 Twentieth Century Ukrainian Prose. 3
*points.***

Not Offered During 2014-15 Academic Year.

Prerequisites: A reading knowledge of Ukrainian or fluency in another Slavic language.

SOCIOLOGY

Department Office: 501A Knox; 212-854-4226
<http://www.sociology.columbia.edu>

Director of Undergraduate Studies: Prof. Karen Barkey,
 601C Knox; 212-854-5622; kb7@columbia.edu

Academic Department Administrator: Jacqueline Pineda-
 Vega, 501B Knox; 212-854-9890; jp2280@columbia.edu

Undergraduate Program Assistant: Dora Arenas, 501A
 Knox; 212-854-4226; da9@columbia.edu

Sociology is the study of associational life. 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. That 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 in 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 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.

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 W3995-SOCI W3996).

In order to register for the *Senior Seminar*, students must have completed SOCI W3010 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 in the department receive departmental honors each year.

GRADING

A letter grade of C- or better is needed in all Sociology courses in order to satisfy the program requirements.

FACULTY PROFESSORS

- Karen Barkey
- Peter Bearman
- Yinon Cohen
- Jonathan R. Cole
- Thomas A. DiPrete
- Gil Eyal (Chair)
- Priscilla Ferguson
- Todd Gitlin (Journalism)
- Bruce Kogut (Business)
- Bruce Link (School of Public Health)
- Debra C. Minkoff (Chair, Barnard)
- Alondra Nelson
- Aaron Pallas (Teachers College)
- Jonathan Rieder (Barnard)
- Saskia Sassen
- Seymour Spilerman
- David Stark
- Diane Vaughan
- Sudhir Alladi Venkatesh
- Amy Stuart Wells (Teachers College)

ASSOCIATE PROFESSORS

- Courtney Bender (Religion)
- Elizabeth Bernstein (Barnard)
- Shamus Khan (Director of Graduate Studies)
- Jennifer Lena (Teachers College)
- Emmanuelle Saada (French and Romance Philology)
- Julien Teitler (Social Work)
- Josh Whitford

ASSISTANT PROFESSORS

- Debbie Becher (Barnard)
- Christel Kesler (Barnard)
- Yao Lu
- Adam Reich
- Carla Shedd
- Van Tran
- Dan Wang (Business School)

LECTURERS

- Denise Milstein
- Teresa Sharpe

ON LEAVE

- Prof. Shedd (2014-2015)
- Prof. Khan (Fall 2014)
- Profs. Cohen and Whitford (Spring 2015)

REQUIREMENTS

MAJOR IN SOCIOLOGY

A minimum of 30-31 points is required as follows:

Required: The following three courses (10 points)

SOCI W1000 The Social World

SOCI W3000 Social Theory

SOCI W3010 Methods for Social Research

Electives: 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. *

SOCI W3296 Paris: The Making of a Modern City

SOCI W3324 Global Urbanism

SOCI V3235 Social Movements: Collective Action

SOCI W3490 Mistake, Misconduct, Disaster

SOCI W3671 Media, Culture, & Society in the Age of the Internet

SOCI W3675 Organizing Innovation

SOCI W3900 Societal Adaptations to Terrorism

SOCI W3930 Immigration and Ethnicity in Israel

SOCI W3980 Immigrant New York: The Changing American City

SOCI W3995 Senior Seminar

SOCI G4138 Ethno-Religious Identity and Politics in the Middle East and South Asia

* These may include the two-semester *Senior Seminar* (SOCI W3995- SOCI W3996).

CONCENTRATION IN SOCIOLOGY

A minimum of 20 points is required as follows:

Required: The following three courses (10 points)

SOCI W1000 The Social World

SOCI W3000 Social Theory

SOCI W3010 Methods for Social Research

Electives: Three courses (10 points) in the department of sociology, one of which must be a seminar.

SOCI W3296 Paris: The Making of a Modern City

SOCI W3324 Global Urbanism

SOCI V3235 Social Movements: Collective Action

SOCI W3490 Mistake, Misconduct, Disaster

SOCI W3671 Media, Culture, & Society in the Age of the Internet

SOCI W3675 Organizing Innovation

SOCI W3900 Societal Adaptations to Terrorism

SOCI W3930 Immigration and Ethnicity in Israel

SOCI W3980 Immigrant New York: The Changing American City

SOCI W3995 Senior Seminar

SOCI G4138 Ethno-Religious Identity and Politics in the Middle East and South Asia

COURSES

FALL 2014

SOCI W1000 The Social World. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Corequisites: Discussion Section Required. General Education Requirement: Social Analysis (SOC).

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 2014: SOCI W1000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/15764	T Th 8:40am - 9:55am 209 Havemeyer Hall	Peter Bearman	3	107/181

Spring 2015: SOCI W1000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/21783	M W 10:10am - 11:25am 417 International Affairs Bldg	Shamus Khan	3	181

SOCI W2220 Evaluation of Evidence. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I).

Discussion of the logic and procedures of social science research and standards for the critical evaluation of that research based on a careful reading and analysis of significant studies exemplifying the use of different kinds of social science data and methods (field observations, historical archives,

surveys, and experiments). No mathematical or statistical background is required.

Fall 2014: SOCI W2220

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 2220	001/14700	M W 1:10pm - 2:25pm 313 Fayerweather	Joshua Whitford	3	32/40

SOCI W3000 Social Theory. 3 points.

Required for all sociology majors. Prerequisite: at least one sociology course or 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 2014: SOCI W3000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/11945	T Th 11:40am - 12:55pm 501 Northwest Corner	Teresa Sharpe	3	87

Spring 2015: SOCI W3000

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/07492	T Th 2:40pm - 3:55pm L1103 Diana Center	Jacob Boersema	3	48

SOCI W3010 Methods for Social Research. 4 points.

This course is offered through Barnard College

Prerequisites: SOCI W1000 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 2014: SOCI W3010

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/06191	M W 1:10pm - 2:25pm 324 Milbank Hall	Julia Suh	4	33

Spring 2015: SOCI W3010

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/68575	M W 2:40pm - 3:55pm 413 Kent Hall	Van Tran	4	58

SOCI W3296 Paris: The Making of a Modern City. 3 points.

How did Paris become the "Capital of the 19th Century," the paradigmatic modern city? We shall look at some of the paths that Paris took to modernity, focusing on the 19th century city from the French Revolution to the Great War of 1914-1918. Readings include sociological and historical studies as well as the novels that dramatize the experience of a sociologically imagined city.

Fall 2014: SOCI W3296

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3296	001/62333	M W 10:10am - 11:25am 520 Mathematics Building	Priscilla Ferguson	3	19/50

SOCI W3324 Global Urbanism. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

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).

Fall 2014: SOCI W3324

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3324	001/17972	M W 6:10pm - 7:25pm 417 International Affairs Bldg	Saskia Sassen	3	275

SOCI W3490 Mistake, Misconduct, Disaster. 3 points.

How Organizations Fail - the fundamental principles of organizations, examining how and why organizations fail, producing harmful outcomes. Studying failures opens up parts of organizations for public view that are seldom seen; studying the dark side is especially revealing. Students will examine cases to identify the causes of failures and think about what kind of strategies can be developed that prevent failure.

Fall 2014: SOCI W3490

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3490	001/11467	M W 4:10pm - 5:25pm 602 Hamilton Hall	Diane Vaughan	3	55/70

SOCI W3671 Media, Culture, & Society in the Age of the Internet. 3 points.

This course examines writings on "new media" and "social media." The focus will be on the ways that information technology has changed our social relations and experiences. We will examine different kinds of social collectivities, including "virtual communities," "crowd sourced"

collaboratives and other kinds of social networks. Particular attention will be paid to the production and consumption of information and image, especially the making of cultural objects.

Fall 2014: SOCI W3671

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3671	001/26597	M W 2:40pm - 3:55pm 717 Hamilton Hall	Sudhir Venkatesh	3	27

SOCI W3675 Organizing Innovation. 4 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 2014: SOCI W3675

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3675	001/72176	T Th 10:10am - 11:25am 209 Havemeyer Hall	David Stark	4	68/75

SOCI W3900 Societal Adaptations to Terrorism. 4 points.

Prerequisite: 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.

Fall 2014: SOCI W3900

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3900	001/63341	W 4:10pm - 6:00pm 309 Hamilton Hall	Seymour Spilerman	4	23/24

SOCI W3930 Immigration and Ethnicity in Israel. 4 points.

This seminar will focus on migration patterns to and from Israel and their effect on the ethnic composition and cleavages in Israeli society. We will discuss Jewish immigration and emigration in the pre-state period, Arab forced migration in 1948, Jewish immigration to Israel until the 1967 war, and migration patterns from the late 1960s until the present. In addition, we will discuss Jewish emigration from Israel, which is viewed as a major social problem. The focus will be on the number of emigrants, their composition, the causes for

emigration, return migration, and on the question of the brain drain from contemporary Israel.

Fall 2014: SOCI W3930

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3930	001/29729	M 10:10am - 12:00pm 201d Philosophy Hall	Yinon Cohen	4	6/20

SOCI W3980 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.

Fall 2014: SOCI W3980

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3980	001/72197	W 10:10am - 12:00pm 309 Hamilton Hall	Van Tran	4	18/20

SOCI W3995 Senior Seminar. 4 points.

Prerequisites: Instructor permission required.

Students wishing to qualify for departmental honors must take W3996y. Prerequisites: required methods and theory courses for the major. 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 2014: SOCI W3995

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3995	001/12780	W 2:10pm - 4:00pm 522c Kent Hall	Thomas DiPrete	4	13

SPRING 2015

SOCI W1000 The Social World. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Corequisites: Discussion Section Required. General Education Requirement: Social Analysis (SOC).

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 2014: SOCI W1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/15764	T Th 8:40am - 9:55am 209 Havemeyer Hall	Peter Bearman	3	107/181

Spring 2015: SOCI W1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 1000	001/21783	M W 10:10am - 11:25am 417 International Affairs Bldg	Shamus Khan	3	181

SOCI W3000 Social Theory. 3 points.

Required for all sociology majors. Prerequisite: at least one sociology course or 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 2014: SOCI W3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/11945	T Th 11:40am - 12:55pm 501 Northwest Corner	Teresa Sharpe	3	87

Spring 2015: SOCI W3000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3000	001/07492	T Th 2:40pm - 3:55pm LL103 Diana Center	Jacob Boersema	3	48

SOCI W3010 Methods for Social Research. 4 points.

This course is offered through Barnard College

Prerequisites: SOCI W1000 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 2014: SOCI W3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/06191	M W 1:10pm - 2:25pm 324 Milbank Hall	Julia Suh	4	33

Spring 2015: SOCI W3010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3010	001/68575	M W 2:40pm - 3:55pm 413 Kent Hall	Van Tran	4	58

SOCI W3020 Social Statistics. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

This course introduces methods of empirical social research for describing and drawing inferences from quantitative data. Emphasis is on basic but very serviceable methods of statistical analysis for information drawn from surveys or archives. The course includes several exercises in analysis of sample survey data.

Spring 2015: SOCI W3020

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3020	001/13643	T Th 11:40am - 12:55pm 503 Hamilton Hall	Yao Lu	3	29

SOCI W3214 Immigration and the Transformation of American Society. 4 points.

In 2010, one in eight residents of the United States was born outside the country. This course will consider why people move and the policies that let some people in while keeping others out, assimilation and incorporation, the experiences of the immigrants and their U.S.-born children, and how sociologists theorize, measure, and evaluate immigrant incorporation. We will also look at the challenges immigrants bring to American society: post-9/11 concerns about security, questions about democracy, participation and language use, and debates about tolerance and multiculturalism. The course focuses on receiving countries and the lives of immigrants, not the impact of migration on those left behind.

Spring 2015: SOCI W3214

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3214	001/27982	M W 8:40am - 9:55am 313 Fayerweather	Van Tran	4	43

SOCI W3264 The Changing American Family. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Not Offered During 2014-15 Academic Year.

Examines social forces contributing to changes in U.S. family formation including declines in marriage, increases in nonmarital childbearing, and women's labor force participation. Analyzes forces affecting growth of "non-traditional" families including lesbian/gay, multigenerational families. Particular attention given to urban, suburban, rural contexts of poverty.

Spring 2015: SOCI W3264

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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SOCI 001/11334 M W 4:10pm - 5:25pm Angela 3 12
3264 467 Schermerhorn Hall Aidala

SOCI W3265 Sociology of Work and Gender. 3 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 2015: SOCI W3265

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3265	001/15233	T Th 11:40am - 12:55pm 702 Hamilton Hall	Teresa Sharpe	3	74

SOCI W3643 Stratification and Inequality. 3 points.

In this course we will examine the structure of inequality in American society and focus on related public policies such as approaches to taxation, social welfare programs, and strategies for alleviating poverty.

SOCI W3909 Deviance and Social Control. 4 points.

In this seminar, we will trace the historic shifts in causal theories of deviance and their significance for the societal response. The readings are classics of social research that have been of great historical impact. They range from the early focus on individual pathologies to sociological explanations, the most recent being attempts to understand deviance as a product of organization factors that result in harmful outcomes. Examples are Katrina, the 2008 financial crisis, and school shootings.

Spring 2015: SOCI W3909

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3909	001/18550	W 4:10pm - 6:00pm 302 Fayerweather	Diane Vaughan	4	13/15

SOCI W3915 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.

Spring 2015: SOCI W3915

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3264	001/11334	M W 4:10pm - 5:25pm 467 Schermerhorn Hall	Angela Aidala	3	12

SOCI 001/77098 T 4:10pm - 6:00pm Bruce 4 19/23
3915 401 Hamilton Hall Link

SOCI W3955 Real and Imagined Communities. 4 points.

Given that both the novel and sociology are products of and responses to modern society, this seminar will explore interconnections between the two. We shall read sociological texts and novels against each other to ascertain where and how each connects to the other and where they part. Readings will range over sociological theory and novels from the 19th century to the late-20th century. We shall read the novels and the sociological work "against" each other to question the particularly modern status of each.

Spring 2015: SOCI W3955

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3955	001/62175	T 10:10am - 12:00pm 273b Grace Dodge Hall (Tc)	Priscilla Ferguson	4	18

SOCI W3958 Fact and Fiction. 4 points.

This course on "Fact and Fiction" will use materials from a variety of fields, including: sociology, history, economics, philosophy, psychology, anthropology, journalism, science, and medicine. It will also use actual studies that make claims to fact that I will ask students to analyze and apply skeptical reasoning. It will deal with the social construction of medical facts; it will question the media's presentation and representation of facts; it will confront the issues of fact and fiction in historical works as well. The aim of the course is to be unsettling – to disturb students' comfort with their own presumptions about facts. It is also a course in the sociology of knowledge and science. How are facts distinguishable from fiction in the production of scientific and medical literature? How are "facts" and "truths" established in science? Almost all of the subjects dealt with in the course will be of contemporary relevance to the students; will involve problems that they confront routinely; and will prepare them to be critics and skeptical analysts of what is placed before them as facts. Reading for the course will vary by the subject addressed and the nature of the readings.

Spring 2015: SOCI W3958

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3958	001/61993	M 11:00am - 12:50pm 201 80 Claremont	Jonathan Cole	4	19/22

SOCI W3996 Senior Seminar. 4 points.

Prerequisites: Instructor permission required. Students wishing to qualify for departmental honors must take W3996y. Prerequisites: required methods and theory courses for the major. 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.

Spring 2015: SOCI W3996

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SOCI 3996	001/23930	W 2:10pm - 4:00pm 318 Milbank Hall	Thomas DiPrete	4	12/20

HSSO W4800 History- Sociology Colloquium Seminar. 3 points.

This course is organized as a seminar for students who are interested in combining sociological theory and methods with historical analysis in their projects. Students in sociology, political science and anthropology writing historical thesis would benefit from thinking about the combinations of social scientific analysis with historical settings. Coursework includes combined readings that are theoretical, methodological as well as examples of essays and books that have succeeded at bridging the gap between disciplines.

OF RELATED INTEREST

Colloquia, Interdepartmental Seminars, and Professional School Offerings

INSM W3950 Friendship in Asian and Western Civilization

Sociology (Barnard)

SOCI W3010 Methods for Social Research

African American Studies

AFAS W4032 Image and Identity in Contemporary (Section 1) Advertising

Applied Mathematics

APMA E4990 Special Topics in Applied Mathematics

STATISTICS

Statistics Department Office:

1005 School of Social Work (1255 Amsterdam Avenue);
212-851-2132
<http://www.stat.columbia.edu>

Statistics Major and Concentration Advising:

Daniel Rabinowitz; 1014 School of Social Work;
212-851-2141; dan@stat.columbia.edu

Economics-Statistics Major Advising:

Economics: Susan Elmes, 1006 International Affairs Building;
212-854-9124; se5@columbia.edu
Statistics: Daniel Rabinowitz, 1014 School of Social Work;
212-851-2141; dan@stat.columbia.edu

Mathematics-Statistics Major Advising:

Mathematics: Ioannis Karatzas, 619 Mathematics;
212-854-3177; ik@math.columbia.edu
Statistics: Daniel Rabinowitz, 1014 School of Social Work;
212-851-2141; dan@stat.columbia.edu

Political Science—Statistics Major Advising:

Political Science: Robert Shapiro, 726 International Affairs Building;
212-854-3944; rys2@columbia.edu
Statistics: Daniel Rabinowitz, 1014 School of Social Work;
212-851-2141; dan@stat.columbia.edu

Department Administrator:

Dood Kalicharan, 1003 School of Social Work;
212-851-2130; dk@stat.columbia.edu

The department offers introductory survey courses, a concentration in applied statistical methods, a major in statistics, and interdepartmental majors with Computer Science, Economics, Mathematics, and Political Science.

The three survey courses serve as an introduction for consumers of statistics, as prerequisites in other departments, and for students considering going on to the concentration or the major. They vary in their mathematical sophistication: *STAT W1001 Introduction to Statistical Reasoning* is designed for students who have taken a pre-calculus course—and the emphasis is on general principles; *STAT W1111 Introduction to Statistics (without calculus)* is designed for students with some mathematical maturity but who would prefer not to exercise their calculus—and the emphasis is on practical issues; *STAT W1211 Introduction to Statistics (with calculus)* is designed for students who have taken some calculus—and the emphasis is on theory.

Four courses, *STAT W2024 Applied Linear Regression Analysis*, *STAT W2025 Applied Statistical Methods*, *STAT W2026 Statistical Applications and Case Studies*, and *STAT W3026 Applied Data Mining*, (together with any one of the introductory survey courses and one semester of research experience) form a concentration in applied statistics

appropriate for students preparing for a career or future study where skills in data analysis are valued.

The statistics major augments the practical training of the concentration with a comprehensive introduction to the mathematical and theoretical foundations of probability theory and statistical inference. The foundation courses include prerequisites in mathematics, *STAT W3105 Introduction to Probability*, *STAT W3107 Introduction to Statistical Inference*, and *STAT W3315 Linear Regression Models*.

Students interested in careers as statisticians or careers in finance or in actuarial science choose to major in statistics.

ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP Statistics exam. Students who are required to take an introductory statistics for their major should check with their major adviser to determine if this credit provides exemption from their requirement.

DEPARTMENTAL HONORS

Students are considered for departmental honors on the basis of grade point average and the comprehensiveness and difficulty of the study program. For departmental honors in an interdisciplinary major, students must also meet the standard in the other department. Normally no more than 10% of the graduating majors in the department each year may receive departmental honors.

SUMMER INTERNSHIP IN APPLIED STATISTICS

Columbia College, Barnard College, SEAS, and General Studies students may apply to the department's summer internship program. The internship provides summer housing and a stipend. Students work with Statistics Department faculty mentors on applications of statistics. Applicants should send statement of interest and a transcript to Ms. Dood Kalicharan in the Statistics Department office by the first of April.

FACULTY PROFESSORS

- Jose Blanchet (Industrial Engineering and Operations Research)
- David Blei (Computer Science)
- Mark Brown
- Richard R. Davis
- Victor H. de la Peña
- Andrew Gelman
- Shaw-Hwa Lo
- David Madigan
- Ioannis Karatzas (Mathematics)

- Liam Paninski
- Phillip Protter
- Michael Sobel
- Daniel Rabinowitz
- Zhiliang Ying

ASSOCIATE PROFESSORS

- Jingchen Liu
- Bodhisattva Sen
- Tian Zheng

ASSISTANT PROFESSORS

- John Cunningham
- Yang Feng
- Lauren Hannah
- Arian Maleki
- Rahul Mazumder
- Sumit Mukherjee
- Marcel Nutz
- Peter Orbanz

TERM ASSISTANT PROFESSORS

- Emanuel Ben-David
- Giovanni Motta
- Shawn Simpson
- Victoria Stodden
- Hongzhong Zhang

ADJUNCT PROFESSORS

- Demissie Alemayehu
- Flavio Bartmann
- Guy Cohen
- Regina Dolgoarshinnykh
- Anthony Donoghue
- Hammou Elbarmi
- Birol Emir
- Irene Hueter
- James Landwehr
- Ha Nguyen

LECTURERS IN DISCIPLINE

- Banu Baydil
- Ronald Neath

REQUIREMENTS

MAJOR IN STATISTICS

The major should be planned with the director of undergraduate studies as early as possible. Courses in which

the grade of D has been received do not count towards the major. The requirements for the major are as follows:

Introductory Courses: Select one of the following:

STAT W1001 Introduction to Statistical Reasoning

STAT W1111 Introduction to Statistics (without calculus)

STAT W1211 Introduction to Statistics (with calculus)

Required Courses

MATH Calculus I
V1101

STAT W3103 Mathematical Methods for Statistics

STAT W3105 Introduction to Probability

STAT W3107 Introduction to Statistical Inference

STAT W3315 Linear Regression Models

Five electives chosen from the Statistics Department offerings

Electives Example 1: For students preparing for a career in actuarial science:

STAT W4840 Theory of Interest

ACTU K4821 Actuarial Methods

STAT W4440 Linear Regression and Time Series
Methods

STAT W4543 Survival Analysis

ACTU K4830 Stochastic Processes for Actuarial Science

Electives Example 2: For students preparing for a career in finance:

STAT W4290 Statistical Methods in Finance

STAT W4437 Time Series Analysis

STAT W4635 Stochastic Processes for Finance

STAT G6505 Stochastic Methods In Finance

STAT G6503 Statistical Inference and Time-Series
Modelling

Electives Example 3: For students preparing for a career in the health sciences, five of:

STAT W4240 Data Mining

STAT W4325 Generalized Linear Models

STAT W4330 Multilevel Models

STAT W4335 Sample Surveys

STAT W4543 Survival Analysis

STAT W4413 Nonparametric Statistics

Electives Example 4: For students preparing for quantitative research in the social sciences, five of:

STAT W2025 Applied Statistical Methods

STAT W3026 Applied Data Mining

STAT W4330 Multilevel Models

STAT W4335 Sample Surveys

STAT W4413 Nonparametric Statistics

STAT W4325 Generalized Linear Models

Electives Example 5: For students preparing for quantitative research in the biological sciences, five of:

STAT W2024 Applied Linear Regression Analysis
 STAT W2025 Applied Statistical Methods
 STAT W2026 Statistical Applications and Case Studies
 STAT W3026 Applied Data Mining
 STAT W4606 Elementary Stochastic Processes
 STAT W4330 Multilevel Models
 STAT W4325 Generalized Linear Models
 STAT W4543 Survival Analysis

Electives Example 6: For students preparing for graduate study in statistics:

STAT W4606 Elementary Stochastic Processes
 STAT W4413 Nonparametric Statistics
 MATH W4061 Introduction To Modern Analysis and Introduction To Modern Analysis
 - MATH W4062

And select four of the following:

STAT W4240 Data Mining
 STAT W4335 Sample Surveys
 STAT W4543 Survival Analysis
 STAT W4330 Multilevel Models
 STAT W4437 Time Series Analysis

Electives Example 7: For students seeking training in applied statistics and data mining

STAT W2024 Applied Linear Regression Analysis
 STAT W2025 Applied Statistical Methods
 STAT W2026 Statistical Applications and Case Studies
 STAT W4240 Data Mining

And select one of the following:

STAT W4413 Nonparametric Statistics
 STAT W4543 Survival Analysis
 STAT W4325 Generalized Linear Models
 STAT W4330 Multilevel Models
 STAT W4335 Sample Surveys
 STAT W4437 Time Series Analysis

Approved variations of the major requirements include the following:

- Students may replace STAT W1001 Introduction to Statistical Reasoning, STAT W1111 Introduction to Statistics (without calculus), or STAT W1211 Introduction to Statistics (with calculus) with PSYC W1610 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=PSYC%20W1610>) Introductory Statistics for Behavioral Scientists .
- Students may replace STAT W3103 Mathematical Methods for Statistics with MATH V1102 Calculus II, MATH V2010 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20V2010>) Linear Algebra , and one of COMS W1004 Introduction to Computer Science and Programming in Java, COMS

W1005 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=COMS%20W1005>) Introduction to Computer Science and Programming in MATLAB , ENGI E1006 Introduction to Computing for Engineers and Applied Scientists, or COMS W1007 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=COMS%20W1007>) Honors introduction to Computer Science .

- Students may replace STAT W3105 Introduction to Probability with STAT W4105 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4105>) Introduction to Probability ; STAT W3107 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3107>) Introduction to Statistical Inference with STAT W4107 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4107>) Introduction to Statistical Inference ; and STAT W3315 Linear Regression Models with STAT W4315 Linear Regression Models; students may also replace STAT W3105 Introduction to Probability and *STAT W3107 Introduction to Statistical Inference* with the six point course STAT W4109 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4109>) Introduction to Probability and Statistics .
- Students preparing for a career in actuarial science may replace STAT W3315 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3315>) Linear Regression Models with STAT W4440 Linear Regression and Time Series Methods, and should discuss with the director of undergraduate studies how to include in their study plan additional courses approved for Validation by Education Experience by the Society of Actuaries.
- Students may replace up to two statistics electives with approved advanced mathematics electives.
- Students preparing for doctoral study in Statistics should consider MATH W4061 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20W4061>) Introduction To Modern Analysis and MATH W4062 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20W4062>) Introduction To Modern Analysis and may wish to enroll in doctoral level courses in Statistics.

CONCENTRATION IN STATISTICS

Courses in which the grade of D has been received do not count towards the concentration. The requirements for the concentration are as follows.

Introductory Courses: Select one of the following:

STAT W1001 Introduction to Statistical Reasoning
 STAT W1111 Introduction to Statistics (without calculus)
 STAT W1211 Introduction to Statistics (with calculus)

Required Courses

STAT W2024 Applied Linear Regression Analysis

STAT W2025 Applied Statistical Methods
 STAT W2026 Statistical Applications and Case Studies
 STAT W3026 Applied Data Mining
 STAT W3997 Independent Research

- Students may replace courses required for the concentration by approved Statistics Department offerings numbered above 4200. MATH V1101 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20V1101>) Calculus I and one of COMS W1004 Introduction to Computer Science and Programming in Java, COMS W1005 Introduction to Computer Science and Programming in MATLAB, ENGI E1006 Introduction to Computing for Engineers and Applied Scientists, or COMS W1007 Honors Introduction to Computer Science are recommended.

MAJOR IN COMPUTER SCIENCE-STATISTICS

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.

Prerequisites

MATH V1101	Calculus I
MATH V1102	Calculus II
MATH V1201	Calculus III
MATH V2010	Linear Algebra

Statistics

Introductory Courses: Select one of the following:

STAT W1001 Introduction to Statistical Reasoning
 STAT W1111 Introduction to Statistics (without calculus)

STAT W1211 Introduction to Statistics (with calculus)

Required Courses

STAT W3105 Introduction to Probability
 or STAT W4105 Introduction to Probability

STAT W3107 Introduction to Statistical Inference
 or STAT W4107 Introduction to Statistical Inference

STAT W3315 Linear Regression Models
 or STAT W4315 Linear Regression Models

STAT W4400 Statistical Machine Learning
 or COMS W4771 Machine Learning

Computer Science

Introductory Classes: 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

ENGI E1006 Introduction to Computing for Engineers and Applied Scientists

COMS W1007 Honors Introduction to Computer Science

And select one of the following:

COMS W3134 Data Structures in Java

COMS W3136 Data Structures with C/C++

COMS W3137 Honors Data Structures and Algorithms

Required Courses

COMS W3203 Discrete Mathematics: Introduction to Combinatorics and Graph Theory

COMS W3210 Scientific Computation

CSOR W4231 Analysis of Algorithms I

Electives

Select two of the following:

STAT W3026 Applied Data Mining

STAT W4240 Data Mining

STAT W4199 Statistical Computing in SAS

STAT W4242 Introduction to Data Science

STAT W4606 Elementary Stochastic Processes

STAT W4249 Applied Data Science

Select one of the following:

COMS W3261 Computer Science Theory

COMS W4236 Introduction to Computational Complexity

COMS W4252 Introduction to Computational Learning Theory

COMS W4111 Introduction to Databases

COMS Principles and Practice of Parallel
W4130 Programming
Any COMS W47xx course

MAJOR IN ECONOMICS- STATISTICS

Please read *Requirements for all Economics Majors, Concentrators, and Interdepartmental Majors in the Economics* (<http://bulletin.columbia.edu/archive/2014-15/columbia-college/departments-instruction/economics>) 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 who declare prior to Spring 2014:

The economics-statistics major requires a total of 53 points: 23 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

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 Calculus I
V1101 and Calculus II
- MATH and Calculus III
V1102 and Linear Algebra
- MATH
V1201
- MATH
V2010

MATH Honors Mathematics A
V1207 and Honors Mathematics B
- MATH
V1208

Statistics

STAT W1211 Introduction to Statistics (with calculus)

STAT W3105 Introduction to Probability

STAT W3107 Introduction to Statistical Inference

STAT W4315 Linear Regression Models

One elective (excluding STAT W1001, STAT W1111, STAT W2110 and SIEO W4150)

Computer Science

Select one of the following:

COMS Introduction to Computer Science and
W1004 Programming in Java

COMS Introduction to Computer Science and
W1005 Programming in MATLAB

COMS Honors Introduction to Computer Science
W1007

Seminar

ECON Seminar In Econometrics
W4918

Students who declare in Spring 2014 or beyond:

In addition to the above requirements, students are required to take three ECON electives at the 3000-level or above.

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 Calculus I
V1101 and Calculus II
- MATH and Calculus III
V1102 and Linear Algebra
- MATH and Analysis and Optimization
V1201
- MATH
V2010
- MATH
V2500

MATH Honors Mathematics A
V1207 and Honors Mathematics B
- MATH and Analysis and Optimization
V1208
- MATH
V2500

Statistics

Introductory Courses: Select one of the following:

STAT W1211 Introduction to Statistics (with calculus)

STAT W1001 Introduction to Statistical Reasoning

STAT W1111 Introduction to Statistics (without calculus)

Required Courses

STAT W3105 Introduction to Probability

STAT W3107 Introduction to Statistical Inference

STAT W3315 Linear Regression Models

Select one of the following:

STAT W4606 Elementary Stochastic Processes

STAT W4635 Stochastic Processes for Finance

STAT G6505 Stochastic Methods In Finance

Computer Science

Introductory Courses: 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

ENGI E1006 Introduction to Computing for Engineers and Applied Scientists

COMS W1007 Honors Introduction to Computer Science

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 V3027 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20V3027>) Ordinary Differential Equations and MATH V3028 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20V3028>) Partial Differential Equations .
- Students interested in finance are recommended to take MATH W4071 Introduction to the Mathematics of Finance, STAT W4290 Statistical Methods in Finance, and STAT W4437 Time Series Analysis.
- Students interested in graduate study in mathematics or in statistics are recommended to take MATH W4061 Introduction To Modern Analysis and MATH W4062 Introduction To Modern Analysis.

- Students interested in actuarial sciences should discuss with the Statistics Department adviser how to include courses approved for the Actuarial Societies' Validation by Education Experience requirements, and how to prepare for the Societies' exams. Students must obtain approval for their elective selection from both the mathematics and statistics advisers.
- Students may replace STAT W3105 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3105>) Introduction to Probability with STAT W4105 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4105>) Introduction to Probability , STAT W3107 Introduction to Statistical Inference with STAT W4107 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4107>) Introduction to Statistical Inference , and STAT W3315 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3315>) Linear Regression Models with STAT W4315 Linear Regression Models or STAT W4440 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4440>) Linear Regression and Time Series Methods , and students may replace STAT W3105 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3105>) Introduction to Probability and STAT W3107 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3107>) Introduction to Statistical Inference with the combined course STAT W4109 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4109>) Introduction to Probability and Statistics .

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.

Students take courses in mathematics and 31 or 34 points in political science, statistics and computer science.

Political Science

Select one of the following introductory courses in one of the major subfields:

American Politics:

POLS W1201	Introduction To American Government and Politics
Comparative Politics:	
POLS V1501	Comparative Politics
International Relations:	
POLS V1601	International Politics
Political Theory:	
POLS V1013	Political Theory
POLS W4133	Political Thought - Classical and Medieval
POLS W4134	Modern Political Thought
Six points in the same subfield as the introductory course	
A four point seminar in the same subfield	
POLS W4910	Principles of Quantitative Political
- POLS W4911	Research and Analysis of Political Data

Statistics

Select one of the following introductory courses:

STAT W1001	Introduction to Statistical Reasoning
STAT W1111	Introduction to Statistics (without calculus)
STAT W1211	Introduction to Statistics (with calculus)

Select one of the following sequences:

STAT W3103	Mathematical Methods for Statistics and Introduction to Probability
- STAT W3105	and Introduction to Statistical Inference
- STAT W3107	and Linear Regression Models
- STAT W3315	
STAT W2024	Applied Linear Regression Analysis and Applied Statistical Methods
- STAT W2025	and Statistical Applications and Case Studies
- STAT W2026	and Applied Data Mining
- STAT W3026	

An approved elective in a statistics or a quantitatively oriented course in a social science.

Computer Science

Select one of the following:

COMS W1004	Introduction to Computer Science and Programming in Java
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COMS W1005	Introduction to Computer Science and Programming in MATLAB
ENGI E1006	Introduction to Computing for Engineers and Applied Scientists
COMS W1007	Honors Introduction to Computer Science

Students may substitute STAT W4105 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4105>) Introduction to Probability for STAT W3105 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3105>) Introduction to Probability , STAT W4107 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4107>) Introduction to Statistical Inference for STAT W3107 Introduction to Statistical Inference, and STAT W4315 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W4315>) Linear Regression Models for STAT W3315 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3315>) Linear Regression Models .

Students preparing for advanced study in statistics should take the STAT W3105 Introduction to Probability, STAT W3107 Introduction to Statistical Inference, STAT W3315 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3315>) Linear Regression Models sequence and should consider substituting MATH V1101 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20V1101>) Calculus I , MATH V1102 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20V1102>) Calculus II , and MATH V2010 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=MATH%20V2010>) Linear Algebra for STAT W3103 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3103>) Mathematical Methods for Statistics .

Students preparing to apply statistical methods should take the STAT W2024 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W2024>) Applied Linear Regression Analysis , STAT W2025 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W2025>) Applied Statistical Methods , STAT W2026 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W2026>) Statistical Applications and Case Studies , STAT W3026 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=STAT%20W3026>) Applied Data Mining sequence.

Students may replace the POLS V1013 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=POLS%20V1013>) Political Theory , POLS W4133 Political Thought - Classical and Medieval, or POLS W4134 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=POLS%20W4134>) Modern Political Thought requirement with COCI C1101 (<http://bulletin.columbia.edu/archive/2014-15/search/?P=COCI%20C1101>) Introduction To Contemporary Civilization and COCI C1102 (<http://bulletin.columbia.edu/>

archive/2014-15/search/?P=COCI%20C1102) Introduction To Contemporary Civilization (CC students) or COCI F1101 Contemporary Civilization and COCI F1102 Contemporary Civilization (GS students).

COURSES

INTRODUCTORY COURSES

STAT W1001 Introduction to Statistical Reasoning. 3

points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Some high school algebra.

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 2014: STAT W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1001	001/23224	M W 10:10am - 11:25am 209 Havemeyer Hall	Guy Cohen	3	104/130
STAT 1001	002/62945	T Th 6:10pm - 7:25pm 614 Schermerhorn Hall	Ha Nguyen	3	111/123

Spring 2015: STAT W1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1001	001/27138	M W 2:40pm - 3:55pm 517 Hamilton Hall	Victor de la Pena	3	53/86
STAT 1001	002/15027	M W 10:10am - 11:25am 614 Schermerhorn Hall	Guy Cohen	3	120/123

STAT W1111 Introduction to Statistics (without calculus). 3

points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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 2014: STAT W1111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1111	001/25745	M W 8:40am - 9:55am 503 Hamilton Hall	Banu Baydil	3	51/54
STAT 1111	002/68947	T Th 10:10am - 11:25am Ren Kraft Center	Anthony Donoghue	3	142/164
STAT 1111	003/70248	M W 6:10pm - 7:25pm 602 Hamilton Hall	Banu Baydil	3	79/86

Spring 2015: STAT W1111

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1111	001/26502	M W 8:40am - 9:55am 517 Hamilton Hall	Christopher Dolan	3	61/86
STAT 1111	002/72739	T Th 10:10am - 11:25am 717 Hamilton Hall	Ronald Neath	3	76/86
STAT 1111	003/15689	T Th 6:10pm - 7:25pm 602 Hamilton Hall	Banu Baydil	3	79/86

STAT W1211 Introduction to Statistics (with calculus). 3

points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

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 2014: STAT W1211

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1211	001/72544	M W 11:40am - 12:55pm 501 Northwest Corner	Hammou ElBarmi	3	92/164
STAT 1211	002/18415	M W 6:10pm - 7:25pm 517 Hamilton Hall	Ronald Neath	3	67/86
STAT 1211	003/73361	M W 8:40am - 9:55am 517 Hamilton Hall	Ronald Neath	3	65/86
STAT 1211	004/27804	T Th 2:40pm - 3:55pm 517 Hamilton Hall	Banu Baydil	3	83/86

Spring 2015: STAT W1211

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 1211	001/18064	M W 8:40am - 9:55am 501 Northwest Corner	Anthony Donoghue	3	100/164
STAT 1211	002/75789	T Th 1:10pm - 2:25pm 614 Schermerhorn Hall	Banu Baydil	3	116/123
STAT 1211	003/24500	M W 4:10pm - 5:25pm 602 Hamilton Hall	Banu Baydil	3	78/86
STAT 1211	004/64281	M W 6:10pm - 7:25pm 903 School Of Social Work	Ha Nguyen	3	54/63

SIEO W4150 Introduction to Probability and Statistics. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: MATH V1101 and V1102 or the equivalent. A quick calculus-based tour of the fundamentals of probability theory and statistical inference. Probability models, random variables, useful distributions, expectations, law of large numbers, central limit theorem, point and confidence interval estimation, hypothesis tests, linear regression. Students seeking a more thorough introduction to probability and statistics should consider STAT W3105 and W3107.

Fall 2014: SIEO W4150

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SIEO 4150	001/26180	M W 10:10am - 11:25am 717 Hamilton Hall	Mark Brown	3	76/0
SIEO 4150	002/13015	T Th 5:40pm - 6:55pm 833 Seeley W. Mudd Building	Karl Sigman	3	140/150
SIEO 4150	R01/61594			3	0/0

Spring 2015: SIEO W4150

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
SIEO 4150	001/67058	M W 2:40pm - 3:55pm 501 Northwest Corner	Mark Brown	3	113/120

COURSES FOR UNDERGRADUATES**STAT W2024 Applied Linear Regression Analysis. 3 points.**

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: One of STAT W1001, W1111, or W1211. 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, penalized regression methods. Implementation in a statistical package. Optional computer-lab sessions. Emphasis on real-world examples and on planning, proposing, implementing, and reporting.

Fall 2014: STAT W2024

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2024	001/14655	T Th 8:40am - 9:55am 903 School Of Social Work	Birol Emir	3	52/60

STAT W2025 Applied Statistical Methods. 3 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: STAT W2024

Classical nonparametric methods, permutation tests; contingency tables, generalized linear models, missing data, causal inference, multiple comparisons. Implementation in statistical software. Emphasis on conducting data analyses and reporting the results. Optional weekly computer-lab sessions.

Spring 2015: STAT W2025

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2025	001/63760	M W 1:10pm - 2:25pm 503 Hamilton Hall	James Landwehr	3	33/55

STAT W2026 Statistical Applications and Case Studies. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: STAT W2025

A sample of topics and application areas in applied statistics. Topic areas may include: Markov processes and Queuing theory; Meta-Analysis of clinical trial research; Receiver-Operator Curves in Medical Diagnosis; Spatial statistics with applications in geology, astronomy, and epidemiology; Multiple comparisons in bio-informatics; Causal modeling with missing data; statistical methods in genetic epidemiology; Stochastic analysis of neural spike train data; Graphical models for computer and social network data.

Fall 2014: STAT W2026

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 2026	001/26587	T Th 10:10am - 11:25am 414 Pupin Laboratories	Jingjing Zou	3	15/54

STAT W3026 Applied Data Mining. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Data Mining is a dynamic and fast growing field at the interface of Statistics and Computer Science. The emergence of massive datasets containing millions or even billions of observations provides the primary impetus for the field. Such datasets arise, for instance, in large-scale retailing, telecommunications, astronomy, computational and statistical challenges. This course will provide an overview of current practice in data mining. Specific topics covered with include databases and data warehousing, exploratory data analysis and visualization, descriptive modeling, predictive modeling,

pattern and rule discovery, text mining, Bayesian data mining, and causal inference. The use of statistical software will be emphasized.

Spring 2015: STAT W3026

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3026	001/16918	T Th 8:40am - 9:55am 313 Fayerweather	Birol Emir	3	45/55

STAT W3051 Math Finance in Continuous Time. 3 points.
CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: V3050

This follows Math V3050. Basic concepts in probability theory, and then advanced concepts, including Brownian motion, stochastic calculus, expectation, Radon-Nikodym theorem, Girsanov's theorem, stochastic differential equations (including Black-Merton-Scholes), options and hedging, stochastic interest rates, forwards and futures. Formal proofs will be eschewed in favor of understanding concepts.

FOUNDATION FOR ADVANCED COURSES

STAT W3103 Mathematical Methods for Statistics. 6 points.

Prerequisites: MATH V1101 or permission of the instructor. A fast-paced coverage of those aspects of the differential and integral calculus of one and several variables and of the linear algebra required for the core courses in the Statistics major. The mathematical topics are integrated with an introduction to computing. Students seeking more comprehensive background should replace this course with MATH V1102 and V2010 and any COMS course numbered from W1003 to W1009.

Fall 2014: STAT W3103

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3103	001/64244	T Th 10:10am - 12:40pm 503 Hamilton Hall	Sumit Mukherjee	6	9/54

STAT W3105 Introduction to Probability. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: MATH V1101 and V1102 or the equivalent
A calculus-based introduction to probability theory. A quick review of multivariate calculus is provided. Topics covered include random variables, conditional probability, expectation, independence, Bayes' rule, important distributions, joint distributions, moment generating functions, central limit theorem, laws of large numbers and Markov's inequality.

Fall 2014: STAT W3105

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3105	001/71440	M W 10:10am - 11:25am 903 School Of Social Work	Shaw-Hwa Lo	3	53/60

STAT W3107 Introduction to Statistical Inference. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W3105 or W4105, or the equivalent.
Calculus-based introduction to the theory of statistics. Useful distributions, law of large numbers and central limit theorem, point estimation, hypothesis testing, confidence intervals maximum likelihood, likelihood ratio tests, nonparametric procedures, theory of least squares and analysis of variance.

Spring 2015: STAT W3107

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3107	001/16973	T Th 2:40pm - 3:55pm 903 School Of Social Work	Ronald Neath	3	56/63

STAT W3315 Linear Regression Models. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: STAT W3107 (or STAT W4150) and STAT W3103 (or MATH V1101, V1102, and V2110).
Theory and practice of regression analysis. Simple and multiple regression, testing, estimation, prediction, and confidence procedures, modeling, regression diagnostics and plots, polynomial regression, colinearity and confounding, model selection, geometry of least squares. Extensive use of the computer to analyse data. Equivalent to STAT W4315 except that enrollment is limited to undergraduate students.

Fall 2014: STAT W3315

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 3315	001/19956	T Th 2:40pm - 3:55pm 903 School Of Social Work	Ronald Neath	3	29/60

STAT W4105 Introduction to Probability. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: MATH V1101 and V1102 or the equivalent
A calculus-based introduction to probability theory. Topics covered include random variables, conditional probability, expectation, independence, Bayes' rule, important distributions, joint distributions, moment generating functions, central limit theorem, laws of large numbers and Markov's inequality.

Fall 2014: STAT W4105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4105	001/75781	T Th 6:10pm - 7:25pm 603 Hamilton Hall	Michael Sobel	3	33/54
STAT 4105	002/17547	T Th 6:10pm - 7:25pm 310 Fayerweather	Rahul Mazumder	3	74/96

Spring 2015: STAT W4105

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4105	001/16534	M W 6:10pm - 7:25pm 501 Northwest Corner	Mark Brown	3	118/119

STAT W4107 Introduction to Statistical Inference. 3 points.

Prerequisites: STAT W3105 or W4105, or the equivalent. Calculus-based introduction to the theory of statistics. Useful distributions, law of large numbers and central limit theorem, point estimation, hypothesis testing, confidence intervals, maximum likelihood, likelihood ratio tests, nonparametric procedures, theory of least squares and analysis of variance.

Fall 2014: STAT W4107

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4107	001/25681	M W 6:10pm - 7:25pm 207 Mathematics Building	Mark Brown	3	61/152

Spring 2015: STAT W4107

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4107	001/65676	T Th 6:10pm - 7:25pm 312 Mathematics Building	Flavio Bartman	3	97/110

STAT W4109 Introduction to Probability and Statistics. 6 points.

Prerequisites: Math V1101 and V1102 or the equivalent. Combines STAT W4105 and W4107 into a single fast-space one semester course.

Fall 2014: STAT W4109

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4109	001/20181	M W 1:10pm - 3:40pm 428 Pupin Laboratories	Victor de la Pena	6	118/147
STAT 4109	003/23605	T Th 1:10pm - 3:40pm 501 Northwest Corner	Bodhisattva Sen	6	114/164
STAT 4109	004/61136	T Th 10:10am - 12:40pm 545 Seeley W. Mudd Building	Regina Dolgoarshinnykh	6	41/45
STAT 4109	005/77784	T Th 10:10am - 12:40pm 545 Seeley W. Mudd Building	Regina Dolgoarshinnykh	6	62/45

STAT W4315 Linear Regression Models. 0 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W3107 or the equivalent, MATH V1101, V1102, V2010 or by permission of program advisor. Theory and practice of regression analysis, Simple and multiple regression, including testing, estimation, and confidence procedures, modeling, regression diagnostics and plots, polynomial regression, colinearity and confounding, model selection, geometry of least squares. Extensive use of the computer to analyse data.

Fall 2014: STAT W4315

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4315	001/75616	T Th 8:40am - 9:55am 309 Havemeyer Hall	Jingchen Liu	0	116/116
STAT 4315	002/69100	M W 6:10pm - 7:25pm 503 Hamilton Hall	Shawn Simpson	0	36/45
STAT 4315	003/64043	T Th 7:40pm - 8:55pm 614 Schermerhorn Hall	Michael Sobel	0	91/123
STAT 4315	004/27598	M W 6:10pm - 7:25pm 503 Hamilton Hall	Shawn Simpson	0	45/45

Spring 2015: STAT W4315

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4315	001/63865	T Th 1:10pm - 2:25pm 903 School Of Social Work	Yang Feng	0	49/86
STAT 4315	002/70604	M W 6:10pm - 7:25pm 503 Hamilton Hall	Emanuel Ben-David	0	35/54

ADVANCED COURSES**STAT W4200 Applied Statistics. 3 points.**

The purpose of this class is twofold. First, we will discuss a) the purposes that statistics is used for in applications, b) a number of practical considerations that you might not see in your other courses, c) basic ideas of sampling, sampling theory and survey research, d) basic ideas of experimentations, including, matching, blocking, random assignment, randomization based inference, e) observational studies, types of and uses. Second, we will introduce the general linear model/linear regression analysis/analysis of variance. We will start with descriptive linear regression. Assumptions will be added to construct the general linear model. Variations on the basic model will then be discussed, for example, weighted least squares, non-linear least squares. Both frequentist and Bayesian approaches will be discussed.

Fall 2014: STAT W4200

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4200	001/22054	M W 8:40am - 9:55am	Emanuel Ben-David	3	24/60

903 School Of Social
Work

STAT W4201 Advanced Data Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

Prerequisites: STAT W4315. At least one of W4290, W4325,
W4330, W4437, W4413, W4543 is recommended.

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 2014: STAT W4201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4201	001/71816	F 6:10pm - 8:55pm 309 Havemeyer Hall	Demissie Alemayehu	3	182/272

Spring 2015: STAT W4201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4201	001/23195	M W 6:10pm - 7:25pm 702 Hamilton Hall	Jingchen Liu	3	35/86
STAT 4201	002/14818	M W 7:40pm - 8:55pm 702 Hamilton Hall	Jingchen Liu	3	23/86

STAT W4240 Data Mining. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: Linear Algebra, COMS W1003, W1004,
W1005, W1007, or the equivalent.

Corequisites: Either STAT W3105 or W4105, and either
STAT W3107 or W4107.

Data Mining is a dynamic and fast growing field at the
intersection of Statistics and Computer Science, driven by
the prevalence of nontraditional and observational datasets.
This course provides an overview of methods for regression,
classification, clustering, dimension reduction, and rules
mining. Students are expected to implement these methods,
on projects including text mining and image processing.

Fall 2014: STAT W4240

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4240	001/75279	T Th 6:10pm - 7:25pm 207 Mathematics Building	Lauren Hannah	3	127/152
STAT 4240	002/26343	M W 6:10pm - 7:25pm Room TBA	Victoria Stodden	3	65/180
STAT 4240	003/64169	T Th 1:10pm - 2:25pm	Lauren Hannah	3	40/45

545 Seeley W. Mudd
Building

STAT 4240	004/86797	T Th 1:10pm - 2:25pm 545 Seeley W. Mudd Building	Lauren Hannah	3	28/45
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Spring 2015: STAT W4240

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4240	001/74705	M W 1:10pm - 2:25pm 833 Seeley W. Mudd Building	Rahul Mazumder	3	82/123
STAT 4240	002/62637	T Th 7:40pm - 8:55pm 207 Mathematics Building	Rahul Mazumder	3	82/150

STAT W4249 Applied Data Science. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Data scientists wear many caps. This course presents two
from opposite ends of the spectrum. Coding best practices
will be taught using test-driven development, version control,
and collaboration. The Python programming will be used.
Students finish the class with a portfolio on GitHub, and an
understanding of several core statistical/machine-learning
algorithms. Case studies give students the opportunity to
use this software with real world data sets. Here they develop
intuition for extracting meaning from data. Students finish the
class with a wordpress portfolio.

STAT W4290 Statistical Methods in Finance. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC:
Fulfillment of General Education Requirement: Quantitative
and Deductive Reasoning (QUA).

Prerequisites: STAT W3107 or W4107.

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 2014: STAT W4290

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4290	001/16594	F 10:10am - 12:40pm 207 Mathematics Building	Zhiliang Ying	3	105/150

Spring 2015: STAT W4290

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4290	001/27452	F 10:10am - 12:40pm 501 Schermerhorn Hall	Hammou ElBarmi	3	81/190
STAT 4290	002/83055	Sa 10:10am - 12:40pm 517 Hamilton Hall	Zhiliang Ying	3	80/75

STAT W4325 Generalized Linear Models. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W4315

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 2015: STAT W4325

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4325	001/24623	M W 2:40pm - 3:55pm 417 Mathematics Building	Michael Sobel	3	31/64

STAT W4330 Multilevel Models. 0 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W4315

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 W4335 Sample Surveys. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W3107 or W4107.

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.

Fall 2014: STAT W4335

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4335	001/29369	F 2:10pm - 4:40pm 903 School Of Social Work	Rongning Wu	3	39/64

STAT W4400 Statistical Machine Learning. 0 points.

Prerequisites: Calculus I and Linear Algebra

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.

Fall 2014: STAT W4400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4400	001/64460	T Th 4:10pm - 5:25pm 207 Mathematics Building	John Cunningham	0	86/152

Spring 2015: STAT W4400

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4400	001/74854	T Th 4:10pm - 5:25pm 309 Havemeyer Hall	John Cunningham	0	142/164

STAT W4413 Nonparametric Statistics. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W3107 or W4107.

Statistical inference without parametric model assumption. Hypothesis testing using ranks, permutations, and order statistics. Nonparametric analogs of analysis of variance. Nonparametric regression, smoothing and model selection.

Spring 2015: STAT W4413

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4413	001/22509	M W 10:10am - 11:25am 501 Northwest Corner	Arian Maleki	3	104/164

STAT W4415 Multivariate Statistical Inference. 0 points.

Prerequisites: W4315

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.

Spring 2015: STAT W4415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4415	001/18027	T Th 7:40pm - 8:55pm 903 School Of Social Work	Giovanni Motta	0	6/60

STAT W4437 Time Series Analysis. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W4315 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.

903 School Of Social
Work

Fall 2014: STAT W4437

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4437	001/19537	T Th 7:40pm - 8:55pm 312 Mathematics Building	Giovanni Motta	3	25/116

Spring 2015: STAT W4437

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4437	001/72270	M W 7:40pm - 8:55pm 501 Northwest Corner	Rongning Wu	3	126/164
STAT 4437	002/87049	Sa 1:10pm - 3:40pm 903 School Of Social Work	Giovanni Motta	3	11/65

STAT W4440 Linear Regression and Time Series Methods. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: STAT W4107 or permission of program advisor.

A one semester course covering: Simple and multiple regression, including testing, estimation, and confidence procedures, modeling, regression diagnostics and plots, polynomial regression, colinearity and confounding, model selection, geometry of least squares. Linear time series models. Auto-regressive, moving average and ARIMA models. Estimation and forecasting with time series models. Confidence intervals and prediction error. Students may not receive credit for more than two of STAT W4315, W4437, and W4440. Satisfies the SOA VEE requirements in regression and in time-series.

Fall 2014: STAT W4440

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4440	001/26444	T 6:10pm - 8:40pm 413 Kent Hall	Flavio Bartman	3	45/71

STAT W4543 Survival Analysis. 0 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W4315.

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 2015: STAT W4543

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4543	001/14326	T Th 6:10pm - 7:25pm	Michael Shnaidman	0	12/60

STAT W4606 Elementary Stochastic Processes. 3 points.

CC/GS: Partial Fulfillment of Science Requirement, BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: STAT W3105, W4105, or the equivalent.

Review of elements of probability theory. Poisson processes. Renewal theory. Wald's equation. Introduction to discrete and continuous time Markov chains. Applications to queueing theory, inventory models, branching processes.

Fall 2014: STAT W4606

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4606	001/60897	T Th 6:10pm - 7:25pm 717 Hamilton Hall	Jing Chen	3	46/86

Spring 2015: STAT W4606

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4606	001/10148	T Th 6:10pm - 7:25pm 207 Mathematics Building	Dan Wang	3	53/152

STAT W4635 Stochastic Processes for Finance. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: STAT W3105, W4105, or equivalent.

This course covers theory of stochastic processes applied to finance. It covers concepts of Martingales, Markov chain models, Brownian motion. Stochastic Integration, Ito's formula as a theoretical foundation of processes used in financial modeling. It also introduces basic discrete and continuous time models of asset price evolutions in the context of the following problems in finance: portfolio optimization, option pricing, spot rate interest modeling.

Spring 2015: STAT W4635

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4635	001/60085	M W 6:10pm - 7:25pm 207 Mathematics Building	Hongzhong Zhang	3	102/150

STAT W4640 Bayesian Statistics. 3 points.

Bayesian vs frequentist, prior and posterior distributions, conjugate priors, informative and non-informative prior subjective and objective bayes, one and two sample problems, models for normal data, models for binary data, multivariate normal shrinkage, bayesian linear models, bayesian computation (start early), MCMC algorithms, the Gibbs sampler, hierarchical models, empirical bayes, hypothesis testing, bayes factors, model selection, software: R and WinBUGS

Spring 2015: STAT W4640

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4640	001/13709	F 1:10pm - 3:40pm 717 Hamilton Hall	Ronald Neath	3	76/123

STAT W4840 Theory of Interest. 3 points.

CC/GS: Partial Fulfillment of Science Requirement

Prerequisites: MATH V1101 or the equivalent.

Introduction to the mathematical theory of interest as well as the elements of economic and financial theory of interest. Topics include rates of interest and discount; simple, compound, real, nominal, effective, dollar (time)-weighted; present, current, future value; discount function; annuities; stocks and other instruments; definitions of key terms of modern financial analysis; yield curves; spot (forward) rates; duration; immunization; and short sales. The course will cover determining equivalent measures of interest; discounting; accumulating; determining yield rates; and amortization.

Fall 2014: STAT W4840

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4840	001/27635	T 6:10pm - 8:40pm 263 Macy Hall	Duncan Szeto	3	48/75
STAT 4840	002/96997	W 6:10pm - 8:40pm Room TBA	Tahir Qadir	3	43/75

Spring 2015: STAT W4840

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
STAT 4840	001/24399	Th 6:10pm - 8:40pm 329 Pupin Laboratories	Lina Xu, Duncan Szeto	3	87/100

OF RELATED INTEREST**Industrial Engineering and Operations Research**

SIEO W4150	Introduction to Probability and Statistics
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SUSTAINABLE DEVELOPMENT

Departmental Office: The Earth Institute, Office of Academic and Research Programs, Hogan, B-Level, <http://sdev.ei.columbia.edu>

Co-Directors of Undergraduate Studies:

Ruth DeFries, 212-851-1647; rd2402@columbia.edu
 Kevin Griffin, 845-365-8371; griff@ldeo.columbia.edu
 Jason Smerdon, 845-365-8493; jsmerdon@ldeo.columbia.edu

Program Administrators:

Natalie Unwin-Kuruner, 212-854-8536;
natalie@ei.columbia.edu
 Jessica Sotomayor, 212-851-9350;
jsotomayor@ei.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.

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.

A letter grade of C- or better is needed in all program related courses in order to satisfy the program requirements.

FACULTY

COMMITTEE FOR SUSTAINABLE DEVELOPMENT

- Steven Cohen (The Earth Institute and School of International and Public Affairs)
- Peter Coleman (Psychology and Teachers College)
- Patricia Culligan (Civil Engineering and Engineering Mechanics)
- Alberto Medina (Latin American and Iberian Cultures)
- Ruth DeFries (Ecology, Evolution, and Environmental Biology) (Co-Chair)
- Peter deMenocal (Earth and Environmental Sciences)
- Joseph Graziano (Mailman School of Public Health)
- Kevin Griffin (Earth and Environmental Sciences) (Co-Chair)
- Upmanu Lall (Earth and Environmental Engineering)
- Edward Lloyd (Law School)
- Michele Moody-Adams (Philosophy)
- Shahid Naeem (Ecology, Evolution, and Environmental Biology)
- Stephanie Pfirman (Environmental Science, Barnard)
- Robert Pollack (Biological Sciences)
- Victoria Rosner (General Studies)
- Elliott Sclar (Graduate School of Architecture, Planning, and Preservation)
- Wolfram Schlenker (Economics)
- Sam Sia (Biomedical Engineering)
- Sara Tjossem (School of International and Public Affairs)
- Kathryn Yatrakis (Columbia College)

REQUIREMENTS 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. A minimum of 15 courses and a practicum are required as follows:

Sustainable Development Foundation

SDEV W1900 Introduction to Sustainable Development Seminar

SDEV W2300 Challenges of Sustainable Development

EESC W2330 Science for Sustainable Development

Basic Disciplinary Foundation

Select one of the following science sequences:

EEEB W2001 - EEEB W2002 Environmental Biology I: Elements to Organisms and Environmental Biology II: Organisms to the Biosphere

CHEM C1403 - CHEM W1404 General Chemistry I (Lecture) and General Chemistry II (Lecture)

PHYS V1202 - PHYS V1202 General Physics and General Physics

EAEE E2100 - EESC V1600 A better planet by design and

EESC V2100 - EESC V2200 Earth's Environmental Systems: Climate and Earth's Environmental Systems: Solid Earth

EESC V2100 - EESC V2300 Earth's Environmental Systems: Climate and Earth's Environmental Systems: Life Systems

Select two of the following social science courses:

ANTH V1002 The Interpretation of Culture

ECON W1105 Principles of Economics

POLS V1501 Comparative Politics

POLS V1601 International Politics

SDEV W3400 Human Populations and Sustainable Development

SDEV W2000 Introduction to Environmental Law

SOCI W1000 The Social World

Select one of the following quantitative foundations courses:

EEEB W3005 Introduction to Statistics for Ecology and Evolutionary Biology

EESC BC3017 Environmental Data Analysis

STAT W1211 Introduction to Statistics (with calculus)

STAT W2024 Applied Linear Regression Analysis

STAT W2025 Applied Statistical Methods

STAT W2026 Statistical Applications and Case Studies

STAT W3026 Applied Data Mining

STAT W3105 Introduction to Probability

STAT W3107 Introduction to Statistical Inference

STAT W4105 Introduction to Probability

STAT W4107 Introduction to Statistical Inference

STAT W4315 Linear Regression Models

STAT W4606 Elementary Stochastic Processes

MATH V2010 Linear Algebra

Analysis and Solutions to Complex Problems

Select two of the following:

CIEE E3260 Engineering for developing communities

EAEE W4304 Closing the carbon cycle

EESC BC3032 Agricultural and Urban Land Use: Human-Environment Interactions

EESC W4600 Earth Resources and Sustainable Development

ECIA W4100 Management and development of water systems

PUBH W3100 Fundamentals of Global Health

SDEV W3200 Global Food Systems

SDEV W3330 Ecological and Social Systems for Sustainable Development

SDEV W3355	Climate Change and Law
SDEV W3360	Disasters and Development
SDEV W3366	Energy Law
SDEV W3410	Urbanization and Sustainable Development
PLAN A4579	Introduction to Environmental Planning
URBS V3565	Cities in Developing Countries: Problems and Prospects
The Summer Ecosystems Experience for Undergraduates (SEE-U) *	

Skills/Actions

Select two of the following:

EAAE E4257	Environmental data analysis and modeling
EESC W4050	Global Assessment and Monitoring Using Remote Sensing
SDEV W2320	Economic and Financial Methods for Sustainable Development
SDEV W3390	GIS for Sustainable Development
SDEV W3450	Spatial Analysis and Modeling for Sustainable Development
SOCI W3010	Methods for Social Research
SUMA K4100	Sustainability Management
The Summer Ecosystems Experience for Undergraduates (SEE-U) *	

Electives

Select one of the following:

INAF U4420	Oil, Rights and Development
SUMA K4310	Practicum in Innovation Sustainability Leadership
SUMA K4734	Earth Institute Practicum

Select two of the following:

Additional courses from analysis and solutions to complex problem	
Additional courses from skills/actions	
Upper division courses from the list approved by program adviser	
EESC W3901	Environmental Science Senior Seminar and Senior Research Seminar
- EESC BC3800	

Capstone Workshop

SDEV W3280	Workshop in Sustainable Development or SDEV W3550	Bangladesh: Life on a Tectonically Active Delta
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* 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 credit course can use 3-credits towards the Complex Problems requirement and 3-credits towards the Skills/Action requirement. If SEE-U is taken for 3-credits, it can only count as one Complex Problems class.

SPECIAL CONCENTRATION IN SUSTAINABLE DEVELOPMENT

In addition to the requirements of the special concentration, students must complete a major or a full concentration.

In addition to the requirements of the special concentration, students must complete a major.

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 requirements for the special concentration changed in Fall 2010. Students declared in the special concentration prior to the change may choose to follow either the new or the old requirements.

A minimum of 9 courses and a practicum are required as follows:

Sustainable Development Foundation

SDEV W1900	Introduction to Sustainable Development Seminar
SDEV W2300	Challenges of Sustainable Development
EESC W2330	Science for Sustainable Development

Natural Science Systems

Select one of the following:

EEEB W1001	Biodiversity
EAAE E2100	A better planet by design
EEEB W2002	Environmental Biology II: Organisms to the Biosphere
EESC W1201	Environmental Risks and Disasters
EESC V2100	Earth's Environmental Systems: Climate
EESC V2200	Earth's Environmental Systems: Solid Earth
EESC V1600	

EESC V1011/ V1411	Earth: Origin, Evolution, Processes, Future
EESC V1003	Climate and Society: Case Studies
CHEM C1403	General Chemistry I (Lecture)
PHYS V1201	General Physics

Human Science Systems

Select one of the following:

ANTH V1002	The Interpretation of Culture
ECON W1105	Principles of Economics
POLS V1501	Comparative Politics
POLS V1601	International Politics
SDEV W2000	Introduction to Environmental Law
SDEV W3400	Human Populations and Sustainable Development
SOCI W1000	The Social World

Analysis and Solutions to Complex Problems

Select two of the following:

CIEE E3260	Engineering for developing communities
EAEE W4304	Closing the carbon cycle
EESC BC3032	Agricultural and Urban Land Use: Human-Environment Interactions
PUBH W3100	Fundamentals of Global Health
ECIA W4100	Management and development of water systems
EESC W4600	Earth Resources and Sustainable Development
SDEV W3200	Global Food Systems
SDEV W3330	Ecological and Social Systems for Sustainable Development
SDEV W3355	Climate Change and Law
SDEV W3360	Disasters and Development
SDEV W3366	Energy Law
SDEV W3410	Urbanization and Sustainable Development

PLAN A4579	Introduction to Environmental Planning
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URBS V3565	Cities in Developing Countries: Problems and Prospects
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The Summer Ecosystem Experiences for Undergraduates (SEE-U) *

Skills/Actions

Select one of the following:

EAEE E4257	Environmental data analysis and modeling
EESC W4050	Global Assessment and Monitoring Using Remote Sensing
SCNC W3010	Science, technology and society
SDEV W2320	Economic and Financial Methods for Sustainable Development
SDEV W3390	GIS for Sustainable Development
SDEV W3450	Spatial Analysis and Modeling for Sustainable Development
SOCI W3010	Methods for Social Research
SUMA K4100	Sustainability Management

The Summer Ecosystem Experiences for Undergraduates (SEE-U) *

Practicum

Select one of the following:

SUMA K4310	Practicum in Innovation Sustainability Leadership
SUMA K4734	Earth Institute Practicum
INAF U4420	Oil, Rights and Development

Capstone Workshop

SDEV W3280 Workshop in Sustainable Development
or SDEV W3550 Bangladesh: Life on a Tectonically Active 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 credit course can use 3-credits towards the Complex Problems requirement and 3-credits towards the Skills/Action requirement. If SEE-U is taken for 3-credits, it can only count as one Complex Problems class.

COURSES**SDEV W1900 Introduction to Sustainable Development Seminar. 1 Point.**

Open only to prospective sustainable development majors and concentrators. 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 2014	001	10113	Jason Smerdon	M 11:40am - 12:55pm 417 Schermerhorn Hall
Spring 2015	001	23453	Jason Smerdon	M 11:40am - 12:55pm 603 Hamilton Hall

SDEV W2000 Introduction to Environmental Law. 3 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 2015	001	83750	Philip Weinberg	M W 10:10am - 11:25am 303 Hamilton Hall

SDEV W2300 Challenges of Sustainable Development. 3 Points.

This course provides an introduction to the interdisciplinary field of sustainable development, drawing on the most recent developments in social and physical sciences. The course describes the interactions between physical ecology and economic development, and it stresses the ways in which they impact each other. Ecological constraints (climate, disease ecology, physical resources such as soils and energy sources, topography and transport conditions) significantly shape the patterns of economic development, demography, and wealth and poverty. At the same time, anthropogenic activities (farming, resource depletion, demographic stresses, and energy use) change the physical environment. The course offers a rigorous treatment of the field and aims to provide students

with an understanding of economic development and its relation to nature's processes. Offered in the Spring.

Term	Section	Call Number	Instructor	Times/ Location
Spring 2015	001	10031	Jeffrey Sachs	M W 8:40am - 9:55am 833 Seeley W. Mudd Building

SDEV W2320 Economic and Financial Methods for Sustainable Development. 3 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 2014	001	60905	Satyajit Bose	T Th 1:10pm - 2:25pm

602
Northwest
Corner

Spring 2015 002

72896

Radley
Horton

M W 10:10am
- 12:00pm
103 Knox Hall

**SDEV W3200 Global Food Systems. 3 Points.
Not Offered During 2014-15 Academic Year.**

Concerns about food shortages, land use, climate change and biodiversity have created an urgent need for interdisciplinary researchers, practitioners and policy-makers focused on agriculture. Developing sound solutions that improve agricultural production systems in a sustainable way demands in-depth knowledge of key disciplines underpinning tropical agricultural production systems as well as a good understanding of the broader biophysical, economic and socio-cultural context. Focusing on agricultural science, including biophysical and socioeconomic factors, farming systems, technology, crop and soil management, and current policy issues in agriculture and food production, with a focus on the tropics and subtropics, this course will give key insights into how to improve environmental quality, nutrition and farmers' incomes through sustainable agricultural practices in developing countries.

SDEV W3280 Workshop in Sustainable Development. 4 Points.

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. Sustainable development seniors only. For registration issues contact Jessica Sotomayor (jsotomayor@ei.columbia.edu).

Term	Section	Call Number	Instructor	Times/ Location
Fall 2014	001	64475	Stuart Gaffin	T Th 10:10am - 12:00pm 107a Journalism Building
Fall 2014	002	14556	Radley Horton	M W 2:10pm - 4:00pm A-36 Union Theological Seminary
Spring 2015	001	62550	Stuart Gaffin	T Th 10:10am - 12:00pm 644 Seeley W. Mudd Building

SDEV W3310 Ethics of Sustainable Development. 3 Points.

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 2015	001	28451	Adela Gondek	T Th 1:10pm - 2:25pm 703 Hamilton Hall

SDEV W3330 Ecological and Social Systems for Sustainable Development. 3 Points.

Prerequisites: SDEVW2300 Challenges of Sustainable Development \nEESCW2330 Science for Sustainable Development

The course provides an overview of the complex relationships between ecological and social systems. The course focuses on basic principles in understanding these relationships. After the students are introduced to these basic concepts, the course will focus on three current topics central to Sustainable Development for in-depth study. The emphasis is on the multiple perspectives -- environmental, social and economic-- required to understand and develop solutions to problems in sustainable development. The three topics are: conservation of biodiversity, payments for ecosystem services, and the ecology of food production. We expect these topics to vary from year to year to keep pace with current topics. The following areas will be covered.: -What is an ecosystem? How are social and ecological systems linked through the flow of energy and materials? -What are the characteristics of coupled human-

natural systems? How do these systems function? -What are the current topics in sustainable development that require understanding of social and ecological systems? -For each topic (protection of biodiversity, ecosystem services, ecology of food production), what are the environmental, economic, and social perspectives important for sustainable solutions? How can critical thinking be applied to balance these perspectives to derive sustainable solution? -Data analysis and approaches to analyze ecosystems and options for sustainable development. Offered in the Fall.

SDEV W3355 Climate Change and Law. 3 Points.

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. Enrollment limited to 15. Offered in the Spring.

Term	Section	Call Number	Instructor	Times/ Location
Spring 2015	001	11780	Michael Gerrard	T Th 9:10am - 10:30am 107 Green Hall Law Building

SDEV W3360 Disasters and Development. 3 Points.

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).

SDEV W3366 Energy Law. 3 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 2014	001	77732	Michael Gerrard	T 4:20pm - 6:10pm 101 Green Hall Law Building

SDEV W3390 GIS for Sustainable Development. 3 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 online 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. Offered in the Spring. 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. Priority given to sustainable development senior and juniors. Offered in the fall and spring.

Term	Section	Call Number	Instructor	Times/ Location
Fall 2014	001	14011	Kytt MacManus	T 2:40pm - 3:55pm 252 Engineering Terrace
Fall 2014	001	14011	Kytt MacManus	Th 2:40pm - 3:55pm 253 Engineering Terrace
Fall 2014	001	14011	Kytt MacManus	T 4:00pm - 5:00pm 252 Engineering Terrace
Spring 2015	001	76149	Dara Mendeloff	M W 1:10pm - 2:25pm 18 Lehman Hall
Spring 2015	001	76149	Dara Mendeloff	W 2:40pm - 3:55pm 18 Lehman Hall

SDEV W3400 Human Populations and Sustainable Development. 3 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 2014	001	18844	Susana Adamo	M W 1:10pm - 2:25pm 414 Pupin Laboratories

SDEV W3410 Urbanization and Sustainable Development. 3 Points.

The first decade of the 21st Century marked the first time in human history when more of world's population lived in urban as distinct from rural places. It is impossible to achieve sustainable development in a physical, social or economic manner absent an understanding of the powerful and interdependent relationship between these concepts of sustainability and urbanization. This course explores this vital nexus. Students will gain a more detailed understanding of the ways in which urban life provides opportunities and challenges for addressing climate change, access to water and energy efficiency, among other topics. The intention is to provide students majoring in Sustainable Development with an historic and contemporary understanding of the connections between the process of urbanization that now dominates the world and the range of ways in which that process, directly and indirectly, shapes the challenge of sustainable development. Offered in the Fall (even years).

SDEV W3450 Spatial Analysis and Modeling for Sustainable Development. 3 Points.

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. Priority given to sustainable development senior and juniors. Offered in the fall and spring. **Students must register for required lab: SDEV W3452.**

Term	Section	Call Number	Instructor	Times/ Location
Fall 2014	001	61251	Giovani Graziosi	M W 4:10pm - 5:25pm 252 Engineering Terrace
Spring 2015	001	83646	Malanding Jaiteh	T Th 10:10am - 11:25am 252 Engineering Terrace
Spring 2015	001	83646	Malanding Jaiteh	Th 11:30am - 12:30pm 252 Engineering Terrace

SDEV W3550 Bangladesh: Life on a Tectonically Active Delta. 3 Points.

Prerequisites: 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. Offered in Spring.

Term	Section	Call Number	Instructor	Times/ Location
Spring 2015	001	73148	Michael Steckler	T Th 10:10am - 12:00pm 201d Philosophy Hall

SDEV W3998 Sustainable Development Independent Study. 1-3 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
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Fall 2014	001	21825	Kevin Griffin
Spring 2015	001	27097	Kevin Griffin

OF RELATED INTEREST

ANTH V3924 Anthropology and Disaster

Civil Engineering and Engineering Mechanics

CIEE E3250 Hydrosystems engineering

CIEE E4163 Sustainable Water Treatment and Reuse

Earth and Environmental Engineering (SEAS)

EAEE E3103 Energy, minerals and materials systems

EAEE E4001 Industrial ecology of earth resources

EAEE E4009 Geographic information systems (GIS) for resource, environmental and infrastructure management

EAEE E4160 Solid and hazardous waste management

EAEE E4350 Planning and management of urban hydrologic systems

ECIA W4100 Management and development of water systems

Economics (Barnard)

ECON Development Economics
BC3029

Economics

ECON Global Economy
W2257

ECON Intermediate Microeconomics
W3211

ECON G4301 Economic Growth and Development

ECON Economic Development
W4321

ECON Political Economy
W4370

ECON International Trade
W4500

ECON G4527 Economic Organization and Development of China

ECON Economics of the Environment
W4625

Ecology, Evolution, and Environmental Biology

EEEB W3087 Conservation Biology

EEEB W4122 Fundamentals of Ecology and Evolution

EEEB W4321 Human Identity

EEEB W4700 Race: The Tangled History of a Biological Concept

Earth and Environmental Sciences

EESC W4008 Introduction to Atmospheric Science

EESC W4400 Dynamics of Climate Variability and Climate Change

EESC W4917 Earth/Human Interactions

History

HIST W4400 Americans and the Natural World, 1800 to the Present

Sociology

SOCI V2230 Food and the Social Order

SOCI W3290 Environmental Sociology

SOCI W3960 Law, Science, and Society

Urban Studies

URBS V3200 Spatial Analysis: GIS Methods and Urban Case Studies

URBS V3550 Community Building and Economic Development

URBS V3565 Cities in Developing Countries: Problems and Prospects

URBAN STUDIES

236 Milbank Hall
212-854-4073

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.

FACULTY

Director: Kimberley S. Johnson (Associate Professor, Political Science and Urban Studies)

Columbia College Advisor: Kathryn Yatrakis (Dean of Academic Affairs, Columbia College)

Professors: Liz Abzug (Adjunct)

Assistant Professors: Gergely Baics (History and Urban Studies), Deborah Becher (Sociology), Susan Fine (Adjunct), Cindy Gorn (Adjunct), Thomas Kamber (Adjunct), Meredith Linn (Term, Urban Studies), Aaron Passell (Term, Urban Studies), Tom Waters (Adjunct), Şevin Yildiz (Term, Urban Studies)

This program is supervised by the Committee on Urban Studies:

Director: Kimberley S. Johnson (Associate Professor, Political Science)

Professor of Professional Practice: Karen Fairbanks (Chair, Architecture)

Columbia College Advisor: Kathryn Yatrakis (Dean of Academic Affairs, Columbia College)

Professors: Ester Fuchs (International and Public Affairs, CU), Kenneth T. Jackson (History), Jose Moya (History), Elliot Sclar (Urban Planning and Public Policy), Sudhir Venkatesh (Sociology), David Weiman (Economics)

Associate Professor: Randall Reback (Economics), Samuel Roberts (History and Sociomedical Sciences).

Assistant Professors: Gergely Baics (History), Deborah Becher (Sociology), Catherine Fennell (Anthropology), Meredith Linn (Term, Urban Studies), Maria Rivera Maulucci (Education)

REQUIREMENTS

MAJOR IN URBAN STUDIES

The major in urban studies is comprised of six curricular requirements:

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.

Many courses offered through Urban Studies may count towards Requirement A. For example, URBS V3420 Introduction to Urban Sociology counts as a Sociology course, URBS V3550 Community Building and Economic Development counts as a Political Science course, etc. Students must complete at least two of the Requirement A courses before taking the Junior Colloquia (see Requirement E, below). It is recommended that majors fulfill this requirement before their junior year.

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 V3200 Spatial Analysis: GIS Methods and Urban Case Studies.

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's website, urban.barnard.edu (<http://urban.barnard.edu>).

Requirement E: Junior Colloquia (2 courses)

URBS V3545	Junior Colloquium: The Shaping of the Modern City	4
URBS V3546	Junior Colloquium: Contemporary Urban Issues	4

Requirement F: Senior Seminar (2 courses)

A senior thesis written in conjunction with a two-semester research seminar, chosen from the following four options:

URBS V3992 - URBS V3993	Senior Seminar: The Built Environment and Senior Seminar: The Built Environment	8
URBS V3994 - URBS V3995	Senior Seminar: New York Field Research and Senior Seminar: New York Field Research	8
URBS V3996 - URBS V3997	Senior Seminar: International Topics in Urban Studies and Senior Seminar: International Topics in Urban Studies	8

A research seminar in the department of specialization. This option must be approved by the Program Director.

A complete list and courses that fulfill requirements A–E can be found on the program's website, urban.barnard.edu (<http://urban.barnard.edu>).

Appropriate substitutions may be made for courses listed above with the approval of the Program Director.

There is no concentration in urban studies.

COURSES

URBS V1515 Introduction to Urban Studies. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

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 2014: URBS V1515

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 1515	001/02074	T Th 10:10am - 11:25am 504 Diana Center	Kimberley Johnson	3	50

URBS V2200 Introduction to GIS. 3 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Must attend first class for instructor permission. This course does not fulfill the C requirement for Urban Studies majors.

Due to the high demand for our limited-enrollment spatial analysis course (URBS V3200) the Urban Studies program is offering an introductory course to the fundamentals of GIS (Geographic Informational Systems), specifically for non-majors. 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 does not fulfill the C requirement in Urban Studies.

Fall 2014: URBS V2200

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 2200	001/09245	T Th 8:40am - 9:55am 18 Lehman Hall	Thomas Waters	3	8

Spring 2015: URBS V2200

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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URBS 001/03078 T Th 5:40pm - 6:55pm Kazuki 3 18
2200 18 Lehman Hall Sakamoto

URBS V3200 Spatial Analysis: GIS Methods and Urban Case Studies. 4 points.

BC: Fulfillment of General Education Requirement: Quantitative and Deductive Reasoning (QUA).

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors. Only 24 admitted. Introduction to spatial analysis using state-of-the-art GIS (Geographic Information Systems) mapping and analysis software to apply quantitative analytical methods to real-world urban issues. Will include basic coverage of applied statistics. Case studies will focus on subjects like environmental justice, voting patterns, transportation systems, segregation, public health, redevelopment trends, and socio-economic geography.

Fall 2014: URBS V3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3200	001/01362	T Th 10:10am - 11:25am 18 Lehman Hall	Cindy Gorn	4	15
URBS 3200	001/01362	T 12:00pm - 1:50pm 18 Lehman Hall	Cindy Gorn	4	15

Spring 2015: URBS V3200

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3200	001/04254	T 10:10am - 12:00pm 222 Milbank Hall	Thomas Waters	4	15
URBS 3200	001/04254	T Th 8:40am - 9:55am 18 Lehman Hall	Thomas Waters	4	15

URBS V3308 Introduction to Urban Ethnographies. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: Students must attend first class. This course explores how scholars from different social science disciplines have used ethnography to understand how immigrants and rural migrants experience as well as affect cities. Community, work, and health, in cities within and outside the US, are used as lenses. Students will also perform their own ethnographic research.

Spring 2015: URBS V3308

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3308	001/04473	T Th 1:10pm - 2:25pm 327 Milbank Hall	Meredith Linn	3	13

URBS V3315 Metropolitics of Race and Place. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I).

Not Offered During 2014-15 Academic Year.

Prerequisites: Students must attend first class.

Course explores how the central cities and suburbs that make up American metropolitan areas are increasingly shaped by race/ethnicity. Class discussion and readings will trace the role of social scientists, foundations, urban planners, government actors, and private economic interests in this transformation of metropolitan American. The current consequences of the conflation of race/ethnicity and space on the regional landscape, such as gentrification, suburban sprawl, the mortgage foreclosure crisis, etc. will be the focus of student research and class projects.

URBS V3420 Introduction to Urban Sociology. 3 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

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 2015: URBS V3420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3420	001/02613	T Th 11:40am - 12:55pm L1103 Diana Center	Aaron Passell	3	46

URBS V3427 Imagining and Narrating the Urban. 3 points.

This course will explore the experience of urban space by examining how it is described in fine-grained, ethnographic accounts and in the thought experiments undertaken by science fiction writers. The purpose of the course is to focus on the evocation of the urban experience - how do we record or preserve what the city feels like as a physical place. Privileging the experience of space in this context is an attempt to complement conventional urban research that examines the dynamics of urban social life often without locating it in relation to the built environment of the city. Incorporating speculative or science fiction adds an experimental dimension (what would the city be like if...?) and emphasizes narrative, arguing that how exactly we describe and reproduce our experience is significant. Further, it raises an epistemological question about how we come to know what we know: can fiction "teach" us about the empirical world? How?

Spring 2015: URBS V3427

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3427	001/01188	T Th 2:40pm - 3:55pm 203 Diana Center	Aaron Passell	3	7

**URBS V3460 Race, Gender, and Urban Violence. 3 points.
Not Offered During 2014-15 Academic Year.**

Prerequisites: Students must attend first class.

Course examines the evolution of post-Reconstruction racial violence in U.S. cities, from the lynching epidemic to more recent events, as well as shifting ideas surrounding race and gender associated with urban violence, and the cultural and political contexts that have shaped life for people of color since the 1870s.

URBS V3464 Urban Ecologies and Grand Infrastructure: Metropolitan Planning Issues. 3 points.

This lecture course is designed around different issues of metropolitan regions around the worlds that govern and plan urbanized, risky and vulnerable ecological systems and consequently large-scale urban interventions that change the landscapes of the regions. The reality of an age of drastic climate change and increasing number of natural disasters in urbanized regions raises issues of resilience and ecological governance. Metropolitan regions and the planning politics that lie beneath the regional plans and strategic initiatives are critical in the mitigation of some of these risks and in the understanding of regional politics. Historical and contemporary case studies will prepare the students to conduct their own critical analysis and reading of a case where several themes discussed in class will be further explored.

Spring 2015: URBS V3464

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3464	001/08799	M W 1:10pm - 2:25pm 328 Milbank Hall	Sevin Yildiz	3	14

URBS V3530 Urban Development: A Rubik's Cube of Policy Choices. 4 points.

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors. Only 16 admitted. Using case studies, examines the rationale for urban development, the players involved and how decisions are made about the distribution of public and private resources. Studies the specific components of the development process and the myriad policy questions that large-scale development is meant to address. Examines the disconnect among stakeholders' objectives - the developer, the financial institution that pays for the project, the government and the community.

Fall 2014: URBS V3530

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3530	001/03848	W 12:10pm - 2:00pm 308 Diana Center	Susan Fine	4	17

URBS V3545 Junior Colloquium: The Shaping of the Modern City. 4 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.

Introduction to the historical process and social consequences of urban growth, from the middle of the nineteenth century to the present.

Fall 2014: URBS V3545

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3545	001/01098	T 4:10pm - 6:00pm 421 Lehman Hall	Meredith Linn	4	13
URBS 3545	002/09802	Th 11:00am - 12:50pm 421 Lehman Hall	Meredith Linn	4	8
URBS 3545	003/09945	T 4:10pm - 6:00pm 202 Milbank Hall	Gergely Baics	4	15
URBS 3545	004/04779	T 4:10pm - 6:00pm 102 Sulzberger Annex	Aaron Passell	4	10

URBS V3546 Junior Colloquium: Contemporary Urban Issues. 4 points.

Prerequisites: Non-majors admitted by permission of instructor. Students must attend first class. Enrollment limited to 16 students per section.

Evaluation of current political, economic, social, cultural and physical forces that are shaping urban areas.

Fall 2014: URBS V3546

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3546	001/04411	W 11:00am - 12:50pm 421 Lehman Hall	Liz Abzug	4	15

Spring 2015: URBS V3546

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3546	001/09660	T 4:10pm - 6:00pm 421 Lehman Hall	Kathryn Yatrakis	4	13
URBS 3546	002/01509	M 4:10pm - 6:00pm 421 Lehman Hall	Sevin Yildiz	4	20

URBS V3550 Community Building and Economic Development. 4 points.

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors.

Community building has emerged as an important approach to creating an economic base, reducing poverty and improving the quality of life in urban neighborhoods. In this course, students examine the methods, strategies, and impact of community building on the economic, social, and political development of urban neighborhoods.

Fall 2014: URBS V3550

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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URBS 001/00185 W 4:10pm - 6:00pm Liz Abzug 4 16
3550 501 Diana Center

Spring 2015: URBS V3550

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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URBS 3550	001/04866	W 11:00am - 12:50pm 421 Lehman Hall	Liz Abzug	4	22
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URBS V3562 The City in Beta: Public Participation in the Design Process. 4 points.
Not Offered During 2014-15 Academic Year.

Prerequisites: Must attend first class for instructor permission. Preference is given to Urban Studies majors. Only 20 admitted.

Examines local urban planning issues through the use of new technologies to facilitate multi-user, participatory planning and design. Examines the history and theory of the planning process and uses learned techniques to evaluate a live case scenario for which the students prepare recommendations using the Betaville software package.

URBS V3565 Cities in Developing Countries: Problems and Prospects. 3 points.

BC: Fulfillment of General Education Requirement: Cultures in Comparison (CUL).

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors.

Examination of cities in developing countries, with a focus on environment, employment, and housing. Four cases will be studied: Sao Paulo, Brazil; Johannesburg, South Africa; Bombay, India; and Shanghai, China. We will consider urbanization patterns and the attendant issues, the impact of global economic trends, and governmental and non-governmental responses.

Fall 2014: URBS V3565

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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URBS 3565	001/03045	M W 1:10pm - 2:25pm 328 Milbank Hall	Sevin Yildiz	3	52/70
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URBS V3830 Eminent Domain and Neighborhood Change. 4 points.

Not Offered During 2014-15 Academic Year.

Prerequisites: Intro to Urban Sociology or equivalent or permission of the instructor. Students must attend first class for instructor permission.

An examination of how the politics of eminent domain, as a government strategy for neighborhood change, plays out in the courts, city councils, administrative agencies, media, and the street. Readings drawn from law, history, planning, politics, economics, sociology, and primary sources. Emphasis on the U.S., with some international comparisons. This

course will count toward Requirement A of the Urban Studies curriculum as a Sociology course.

URBS V3833 New York City: Politics and Governing. 4 points.

This course will examine through readings, class discussions, and in class debate, the complex politics and governing of New York City- the key political institutions, and who holds urban political power, voting and elections, and the changing roles of the electorate will be covered. We will examine the structure of New York City government and how the New York City Budget is developed and adopted; the interplay between Mayoral and City council powers, the city charter, the process of governing and the role of political parties, special interest groups, lobbyists and labor unions. We will look back in the City's political history and consider that time in the mid 1970's when New York City suffered a major fiscal crisis and was close to financial bankruptcy. In this context, New York City's relationships with the state and federal governments will also be covered.

Spring 2015: URBS V3833

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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URBS 3833	001/05158	W 2:10pm - 4:00pm 308 Diana Center	Liz Abzug	4	16
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URBS V3920 Social Entrepreneurship. 4 points.

BC: Fulfillment of General Education Requirement: Social Analysis (SOC I).

Prerequisites: Must attend first class for instructor permission. Preference to Urban Studies majors. General Education Requirement: Social Analysis (SOC). Only 16 admitted. Introduction to the main concepts and processes associated with the creation of new social enterprises, policies, programs, and organizations; criteria for assessing business ventures sponsored by non-profits and socially responsible initiatives undertaken by corporations; specific case studies using New York City as a laboratory. To be offered Fall 2011.

Fall 2014: URBS V3920

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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URBS 3920	001/04844	M 6:10pm - 8:00pm 421 Lehman Hall	Thomas Kamber	4	14
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URBS V3992 Senior Seminar: The Built Environment. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Admission by application only (available at <http://urban.barnard.edu/forms-and-resources>). 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 2014: URBS V3992

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3992	001/06518	W 4:10pm - 6:00pm 421 Lehman Hall	Aaron Passell	4	15

URBS V3993 Senior Seminar: The Built Environment. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Admission by application only (available at <http://urban.barnard.edu/forms-and-resources>). 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.

Spring 2015: URBS V3993

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3993	001/00823	W 4:10pm - 6:00pm 421 Lehman Hall	Aaron Passell	4	15

URBS V3994 Senior Seminar: New York Field Research. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Admission by application only (available at <http://urban.barnard.edu/forms-and-resources>). 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.

Fall 2014: URBS V3994

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3994	001/08706	W 4:10pm - 6:00pm 308 Diana Center	Meredith Linn	4	12
URBS 3994	002/02651	W 4:10pm - 6:00pm 805 Altschul Hall	Megan French-Marcelin	4	11

URBS V3995 Senior Seminar: New York Field Research. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Admission by application only (available at <http://urban.barnard.edu/forms-and-resources>). 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.

Spring 2015: URBS V3995

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3995	001/09801	W 4:10pm - 6:00pm 102 Sulzberger Annex	Meredith Linn	4	13
URBS 3995	002/09269	W 4:10pm - 6:00pm 324 Milbank Hall	Megan French-Marcelin	4	11

URBS V3996 Senior Seminar: International Topics in Urban Studies. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Admission by application only (available at <http://urban.barnard.edu/forms-and-resources>). Year-long course; participation is for two consecutive terms. No new students admitted for spring. A year-long research seminar for students who wish to conduct a senior thesis project that focuses on cities outside of the United States. Topics relating to the rapid urbanization of Latin America, Africa, and Asia are particularly welcome. Seminar meetings will include discussion of relevant readings, as well as occasional class presentations and peer-editing assignments.

Fall 2014: URBS V3996

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3996	001/05401	W 4:10pm - 6:00pm 502 Diana Center	Sevin Yildiz	4	13

URBS V3997 Senior Seminar: International Topics in Urban Studies. 4 points.

(year-long course, 4 points per term)

Prerequisites: Senior standing. Admission by application only (available at <http://urban.barnard.edu/forms-and-resources>). Year-long course; participation is for two consecutive terms. No new students admitted for spring. A year-long research seminar for students who wish to conduct a senior thesis project that focuses on cities outside of the United States. Topics relating to the rapid urbanization of

Latin America, Africa, and Asia are particularly welcome. Seminar meetings will include discussion of relevant readings, as well as occasional class presentations and peer-editing assignments.

Spring 2015: URBS V3997

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
URBS 3997	001/00350	W 4:10pm - 6:00pm 308 Diana Center	Sevin Yildiz	4	13

CROSS-LISTED COURSES

There are currently no cross-listed courses for your department.

VISUAL ARTS

Departmental Office: 310 Dodge; 212-854-4065
<http://arts.columbia.edu/visual-arts>

Director of Undergraduate Studies:

- Spring 2015: Prof. Thomas Roma; tr82@columbia.edu
- Fall 2014: Prof. Sanford Biggers; sb3167@columbia.edu

Director of Academic Administration: Carrie Gundersdorf;
cg2817@columbia.edu

Visual Arts Program Assistant: Alexander Barnett;
ab3961@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.

REGISTRATION

Visual Arts courses are open for on-line registration. If a Visual Arts class is full, visit arts.columbia.edu/registration_info.

DECLARING A MAJOR IN VISUAL ARTS

The Visual Arts Undergraduate Program requires a departmental signature when declaring a major. Students should complete the appropriate Visual Arts Major Worksheet before meeting with the director of undergraduate studies. See:

- <http://blogs.cuit.columbia.edu/visualarts/files/2014/11/VAMajorWorksheet14.pdf>
- <http://blogs.cuit.columbia.edu/visualarts/files/2011/01/VACombinedWorksheet.pdf>
- <http://blogs.cuit.columbia.edu/visualarts/files/2014/11/VAConcWorksheet14.pdf>

FACULTY PROFESSORS

- Gregory Amenoff
- Jon Kessler
- Thomas Roma
- Sarah Sze
- Rirkrit Tiravanija
- Tomas Vu-Daniel

ASSOCIATE PROFESSORS

- Matthew Buckingham
- Shelly Silver (Chair)

ASSISTANT PROFESSORS

- Sanford Biggers
- Nicola López

REQUIREMENTS

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 R1001 Basic Drawing

VIAR R3330 Sculpture I

Five additional VIAR R3000-level or above courses (15 points)

VIAR R4601 Seminar in Contemporary Art Practice
 (must be taken during the junior year)

Senior project consists of the following four courses:

VIAR Senior Thesis I and II
 R3901 and Senior Thesis I and II (4 points)
 - VIAR
 R3902

VIAR Visiting Critic I and II
 R3921 and Visiting Critic I and II (4 points)
 - VIAR
 R3922

Art History (3-4 points)

Select one of the following:

AHIS Introduction to Art History I
 BC1001

AHIS Introduction to the History of Art II
 BC1002

AHIS 20th Century Art
 W3650

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 R3901 Senior Thesis I and II-VIAR R3902 Senior Thesis I and II (4 points) and VIAR R3921 Visiting Critic I and II-VIAR R3922 Visiting Critic I and 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 requirements for the major are as follows:

Majors' Colloquium

AHIS W3895 Majors' Colloquium: the Literature and Methods of Art History

Art History *

Select one course in three of the following historical periods:

Ancient (up to 400 CE/AD)

400-1400

1400-1700

1700-present

Select two courses from two world regions from the following:

Africa

Asia

Europe, North America, Australia

Latin America

Middle East

Visual Arts

VIAR R1001 Basic Drawing

VIAR R3330 Sculpture I

Five additional VIAR R3000-level or above courses

* Up to two of the seven 3-point courses may be replaced by a specifically related course in another department with approval of the adviser.

Students electing the combined major should consult with the director of undergraduate studies, as well as with a faculty adviser in the Art History and Archaeology Department.

It is recommended that students interested in this major begin the requirements in their sophomore year. In the senior year, students undertake either a seminar in the Department of Art History and Archaeology or a Senior Thesis in Visual Arts (pending approval by the Visual Arts 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.

CONCENTRATION IN VISUAL ARTS

A total of 21 points are required as follows:

Visual Arts (18 points)

VIAR R1001 Basic Drawing

VIAR R3330 Sculpture I

Four additional VIAR R3000-level or above courses (12 points)

Art History (3-4 points)

Select one of the following:

AHIS Introduction to Art History I

BC1001

AHIS Introduction to the History of Art II

BC1002

AHIS 20th Century Art

W3650

COURSES DRAWING

VIAR R1001 Basic Drawing. 3 points.

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 arts.columbia.edu/registration_info.

Fall 2014: VIAR R1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1001	001/83442	M W 12:30pm - 3:00pm 501 Dodge Building	Teresa Molis	3	17/16
VIAR 1001	002/25799	M W 9:30am - 12:00pm 501 Dodge Building	Amelia Saddington	3	14/16
VIAR 1001	003/83030	T Th 9:30am - 12:00pm 501 Dodge Building	Christopher3 Jehly	3	20/16

Spring 2015: VIAR R1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 1001	001/70803	M W 9:30am - 12:00pm 501 Dodge Building	Zoe Wright	3	18/16
VIAR 1001	002/11785	M W 1:00pm - 3:30pm 501 Dodge Building	Abigail Manock	3	17/16
VIAR 1001	003/63782	T Th 1:00pm - 3:30pm 501 Dodge Building	Aurelien Couput	3	19/16

VIAR R3001 Drawing II. 3 points.

DRAWING II Course Description: Examines the potential of drawing as an expressive tool elaborating on the concepts and techniques presented in *VIAR R1001*. Studio practice

emphasizes individual attitudes toward drawing while acquiring knowledge and skills from historical and cultural precedents. Portfolio required at the end. **DRAWING II - Mixed Media Course Description:** This course approaches drawing as an experimental and expressive tool. Students 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, memory, language, mapping, and text in drawing. Field trips 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 drawing or series of drawing. If the class is full, please visit arts.columbia.edu/registration_info.

Spring 2015: VIAR R3001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3001	001/80800	F 10:00am - 4:00pm 501 Dodge Building	Noah Breuer	3	11/16

VIAR R4005 Problems in Drawing: Cast Drawing. 0 points.

Prerequisites: VIAR R1001

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 arts.columbia.edu/registration_info

Spring 2015: VIAR R4005

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4005	001/23654	T 5:00pm - 9:00pm 501 Dodge Building	Edward Minoff	0	10/16

PAINTING

VIAR R3201 Painting I. 3 points.

Prerequisites: VIAR R1001.

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 arts.columbia.edu/registration_info.

Fall 2014: VIAR R3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3201	001/77247	M 10:00am - 4:00pm 401 Dodge Building	Christian Lord	3	9/16
VIAR 3201	002/81548	Th 4:00pm - 10:00pm 401 Dodge Building	Mira Dancy	3	17/16

Spring 2015: VIAR R3201

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3201	001/63031	M 10:00am - 4:00pm 401 Dodge Building	Dominic Mangila	3	14/16
VIAR 3201	002/95801	W 10:00am - 4:00pm 401 Dodge Building	Van Hanos	3	15/16

VIAR R3202 Painting II. 3 points.

Prerequisites: VIAR R1001, and VIAR R3201.

Extension of VIAR R3201 with greater emphasis on notions of meaning and context in work, as well as more speculative aspects of image-making and structure (again using historical precedents as examples) and an increased range of personal choice and expression in the execution of classroom assignments. Individual and group critiques. Portfolio required at end. If the class is full, please visit arts.columbia.edu/registration_info.

Fall 2014: VIAR R3202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3202	001/22347	T 10:00am - 4:00pm 401 Dodge Building	Gregory Amenoff	3	4/16

Spring 2015: VIAR R3202

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3202	001/92647	F 10:00am - 4:00pm 401 Dodge Building	Miguel Cardenas	3	12/16

VIAR R3203 Painting III: Seminar. 3 points.

Prerequisites: VIAR R1001 and VIAR R3201

Spring 15: Painting III: Land/City/Beach/Rural-scape Painting as Self-Portraiture: This course, inspired by Edward Hopper's "House By The Railroad," encourages participants to use depiction of the open, outside world to articulate their intimately personal one. The class will explore both art historical traditions and contemporary exercises in the Plein Air painting practice. Museum and Gallery visits, and readings will be followed by group discussions. The class will take trips to varied sites recording the view, first, in form of sketches and

drawings followed by Grisaille, brunaille, verdaille, or other limited palettes. Additionally, colorfield theory and abstraction will be incorporated into the investigative studio process where the artist can be further challenged to make more personalized the work. Final project, portfolio, sketchbook and a short term paper required at end. The term paper will be a one page commentary on an individually selected work currently on display locally.

Fall 2014: VIAR R3203

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3203	001/66846	T 10:00am - 4:00pm 401 Dodge Building	Gregory Amenoff	3	0

Spring 2015: VIAR R3203

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3203	001/12498	Th 10:00am - 4:00pm 401 Dodge Building	Iona Brown Rozeal	3	8/16

PHOTOGRAPHY

VIAR R3701 Photography: Photo I. 3 points.

An introductory course in black-and-white photography, Photography I is required for admission to all other photo classes. Students are initially instructed in proper camera use and basic film exposure and development. Then the twice weekly meetings are divided into lab days where students learn and master the fundamental tools and techniques of traditional darkroom work used in 8x10 print production and classroom days where students present their work and through the language of photo criticism gain an understanding of photography as a medium of expression. Admitted students must obtain a manually focusing 35mm camera with adjustable f/stops and shutter speeds. No prior photography experience is required. Due to the necessity of placing a cap on the number of students who can register for our photography courses, the department provides a wait list to identify and give priority to students interested in openings that become available on the first day of class. If the class is full, sign up for the wait list at <http://arts.columbia.edu/photolist>

Fall 2014: VIAR R3701

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3701	001/92071	M W 9:30am - 12:00pm 212 Dodge Building	Thomas Roma	3	27/25
VIAR 3701	002/68697	M W 2:30pm - 5:00pm 212 Dodge Building	Thomas Roma	3	22/25
VIAR 3701	003/75798	T Th 9:30am - 12:00pm 212 Dodge Building	Inbal Abergil	3	15/20

Spring 2015: VIAR R3701

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
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VIAR 3701	001/27698	M W 9:30am - 12:00pm 212 Dodge Building	Thomas Roma	3	30/25
VIAR 3701	002/81782	M W 2:30pm - 5:00pm 212 Dodge Building	Dennis Santella	3	19/20
VIAR 3701	003/86031	T Th 9:30am - 12:00pm 212 Dodge Building	Laura Mircik-Sellers	3	20/20

VIAR R4702 Digital Documentary Photography. 3 points.

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>

Spring 2015: VIAR R4702

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4702	001/60538	T Th 1:00pm - 3:30pm 108 Watson Hall	Kai McBride	3	18/20

VIAR R4710 Photography: Advanced Photo III Seminar. 3 points.

The photo book as a central medium of contemporary photographic practice is explored in this course. Students are exposed to a variety of approaches and viewpoints through presentations by guest photographers, curators, critics, editors, graphic designers, etc... Students will cooperatively shoot 8mm movie films to explore issues of narrative and timing. Each student will propose, develop, and produce a maquette of their work as a final project. Note: Photography I is a prerequisite. Due to the necessity of placing a cap on the number of students who can register for our photography courses, the department provides a wait list to identify and give priority to students interested in openings that become available on the first day of class. If the class is full, sign up for the wait list at <http://arts.columbia.edu/photolist>

Spring 2015: VIAR R4710

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4710	001/68348	M W 2:30pm - 5:00pm 108 Watson Hall	Thomas Roma	3	33/30

PRINTMAKING

VIAR R3401 Printmaking I: Intaglio. 3 points.

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 arts.columbia.edu/registration_info

Fall 2014: VIAR R3401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3401	001/98446	M W 2:30pm - 5:00pm 210 Dodge Building	Miguel Cardenas	3	14/14

Spring 2015: VIAR R3401

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3401	001/92198	Th 10:00am - 4:00pm 210 Dodge Building	Daria Shishkin	3	10/12

VIAR R3402 Printmaking II: Intaglio. 3 points.

Prerequisites: VIAR R3401

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 arts.columbia.edu/registration_info

Fall 2014: VIAR R3402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3402	001/12946	M W 2:30pm - 5:00pm 210 Dodge Building	Miguel Cardenas	3	1/14

Spring 2015: VIAR R3402

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3402	001/92796	F 10:00am - 4:00pm 310 Dodge Building	Douglas Bennett	3	5/14

VIAR R3415 Advanced Printmaking. 3 points.

Prerequisites: VIAR R3040, VIAR R3401, or VIAR R3411. 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 arts.columbia.edu/registration_info

Spring 2015: VIAR R3415

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3415	001/93498	F 10:00am - 4:00pm 210 Dodge Building	Sarah Sze	3	9/14

VIAR R3420 Drawing into Print. 3 points.

Prerequisites: VIAR R3040, VIAR R3401, or VIAR R3411. 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 arts.columbia.edu/registration_info

Fall 2014: VIAR R3420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3420	001/63015	F 10:00am - 4:00pm 210 Dodge Building	Tomas Vu Daniel	3	10/14

Spring 2015: VIAR R3420

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3420	001/96146	T 10:00am - 4:00pm 210 Dodge Building	Tomas Vu Daniel	3	10/14

SCULPTURE/NEW GENRE

VIAR R3006 Concepts in Visual Arts: Performance. 3 points.

Concepts in Visual Arts: Performance This course explores strategies in the production of performance art, using the signifying system of the body as a conceptual framework for a series of workshops that give students tools to develop their own performance projects over the course of the semester. Students will engage with discourses of performance, from theatrical and choreographic models to social and relational practices, and become familiar with strategies for constructing and determining the role of the audience. With attention to site- and situation-specificity, this course offers instruction in a variety of technical aspects of performance, such as the use of body, architecture, sound, light, costume, prop, sculpture, video, and methods of collaboration. The class includes group critique of performances presented in class, as well as the opportunity to workshop developing works with the support of the group. Students will become familiar with venues for performance, and the artists who are redefining performance in the art world today. If the class is full, please visit: arts.columbia.edu/registration_info

Spring 2015: VIAR R3006

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3006	001/86066	Th 10:00am - 4:00pm 101 Prentiss Hall	Alexandro Segade	3	11/16

VIAR R3130 Ceramics I. 3 points.

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 arts.columbia.edu/registration_info.

Fall 2014: VIAR R3130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3130	001/71546	Th 10:00am - 4:00pm 315 Prentis Hall	Joseph Peet	3	10/9

Spring 2015: VIAR R3130

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3130	001/28396	Th 10:00am - 4:00pm 315 Prentis Hall	Joseph Peet	3	9/9

VIAR R3330 Sculpture I. 3 points.

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 arts.columbia.edu/registration_info.

Fall 2014: VIAR R3330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3330	001/72898	F 10:00am - 4:00pm 320 Prentis Hall	Jon Kessler	3	11/16
VIAR 3330	002/86547	T 10:00am - 4:00pm Room TBA	Sanford Biggers	3	15/16

Spring 2015: VIAR R3330

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3330	001/87949	T 10:00am - 4:00pm 315 Prentis Hall	Kambui Olujimi	3	16/16

VIAR R3331 Sculpture II. 3 points.

Prerequisites: VIAR R3330 or permission from the department.

Continuation of VIAR R3330. 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 arts.columbia.edu/registration_info

Spring 2015: VIAR R3331

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3331	001/88397	F 10:00am - 4:00pm 315 Prentis Hall	Frank Heath	3	13/16

VIAR R3332 Sculpture III. 3 points.

Prerequisites: VIAR R3330

Spring Semester SCULPTURE III: This course explores multi-media installation art methodologies, including digital and analog solutions for creating sound, light and mechanical components. We will use technology as a common theme as we explore contemporary and historical multi-media artworks and learn the tools and techniques needed to integrate the strategies into our own work. The projects are expected to have an engagement with technology that is physical, not purely virtual. We will cover theoretical and historical materials as well as practical, hands-on topics. If the class is full, please visit: arts.columbia.edu/registration_info

Fall 2014: VIAR R3332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3332	001/93096	M 10:00am - 4:00pm 315 Prentis Hall	Rirkrit Tiravanija	3	10/18

Spring 2015: VIAR R3332

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3332	001/91448	F 10:00am - 4:00pm 315 Prentis Hall	Frank Heath	3	2/10

VIAR R3932 Independent Study. 3 points.

Prerequisite: permission of the chair.

Spring 2015: VIAR R3932

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3932	001/69273		Joseph Peet	3	4
VIAR 3932	002/98554		Tomas Vu Daniel	3	4
VIAR 3932	003/97849		Shelly Silver	3	0
VIAR 3932	004/77450		Thomas Roma	3	0
VIAR 3932	005/12550		Matthew Buckingham	3	0
VIAR 3932	006/25967		Ronald Bass	3	0

VIAR 3932	007/10903	Rirkrit Tiravanija	3	0
VIAR 3932	008/76287	Frank Heath	3	0/15

MOVING IMAGE

VIAR R3503 Beginning Video. 3 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 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. NOTE : In Spring 2015, Beginning Video meets on Mondays and Wednesdays, 1:00pm - 3:30pm. There is only one section offered per semester. If the class is full, please visit arts.columbia.edu/registration_info

Fall 2014: VIAR R3503

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3503	001/60847	T 12:30pm - 3:30pm 101 Prentis Hall	Shelly Silver	3	14/12
VIAR 3503	001/60847	T 9:30am - 12:30pm 558 Schermerhorn Hall	Shelly Silver	3	14/12

Spring 2015: VIAR R3503

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3503	001/77788	M W 1:00pm - 3:30pm 558 Schermerhorn Hall	Ronald Bass	3	10/12

VIAR R4510 Advanced Video. 3 points.

Prerequisites: Beginning Video VIAR R3503 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 : Advanced Video is a full day class 10:00am- 4:00pm. There is only one section offered per semester. If the class is full, please visit arts.columbia.edu/registration_info

Spring 2015: VIAR R4510

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 4510	001/80284	T 10:00am - 4:00pm 558 Schermerhorn Hall	Matthew Buckingham	3	10/12

SENIOR PROJECT

VIAR R3901 Senior Thesis I and II. 2 points.

Prerequisites: Instructors permission. See requirements for a major in visual arts. R3901 is the prerequisite for R3902.

Corequisites: R3921 is corequisite for R3901 and R3922 is corequisite for R3902.

Students must enroll in both semesters of the course (R3901 and R3902). 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 2014: VIAR R3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3901	001/83696	W 5:00pm - 10:00pm Room TBA	Tomas Vu Daniel	2	10/15

Spring 2015: VIAR R3901

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3901	001/74695	W 5:00pm - 10:00pm Room TBA	Gregory Amenoff	2	5/15

VIAR R3902 Senior Thesis I and II. 2 points.

Prerequisites: Instructors permission. See requirements for a major in visual arts. R3901 is the prerequisite for R3902.

Corequisites: R3921 is corequisite for R3901 and R3922 is corequisite for R3902.

Students must enroll in both semesters of the course (R3901 and R3902). 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 R3921 Visiting Critic I and II. 2 points.

Prerequisites: Instructors permission. See requirements for a major in visual arts. R3921 is a prerequisite for R3922.

Corequisites: R3901 is corequisite for R3921 and R3902 is corequisite for R3922.

Students are required to enroll in both semesters (R3921 and R3922). 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.

Fall 2014: VIAR R3921

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3921	001/92946		Emily Henretta	2	9/15

Spring 2015: VIAR R3921

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3921	001/88021	W 5:00pm - 10:00pm Room TBA	Emily Henretta	2	5/15

VIAR R3922 Visiting Critic I and II. 2 points.

Prerequisites: Instructors permission. See requirements for a major in visual arts. R3921 is a prerequisite for R3922.

Corequisites: R3901 is corequisite for R3921 and R3902 is corequisite for R3922.

Students are required to enroll in both semesters (R3921 and R3922). 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.

Fall 2014: VIAR R3922

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3922	001/81759	M 5:00pm - 10:00pm Room TBA	Emily Henretta	2	2

Spring 2015: VIAR R3922

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
VIAR 3922	001/26652	W 5:00pm - 10:00pm Room TBA	Emily Henretta	2	9/15

WOMEN'S AND GENDER STUDIES

Program Office: 763 Schermerhorn Extension;
212-854-3277; 212-854-7466 (fax)
<http://irwgs.columbia.edu/>

Director of Undergraduate Studies: Prof. Christia Mercer,
707 Philosophy Hall; 212-854-3190; cm50@columbia.edu

Located within the Institute for Research on Women, Gender, and Sexuality and taught in cooperation with Barnard College's Department of Women's Gender and Sexuality Studies, the program in women's, gender, and sexuality studies provides students with a culturally and historically situated, theoretically diverse understanding of feminist scholarship and its contributions to the disciplines. The program introduces students to feminist discourse 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 hierarchical difference.

Through sequentially organized courses in women's, gender, and sexuality studies, as well as required discipline-based courses in the humanities and social sciences, the major provides a thoroughly interdisciplinary framework, methodological training, and substantive guidance in specialized areas of research. Small classes and mentored thesis-writing give students an education that is both comprehensive and tailored to individual needs. The major culminates in a thesis-writing class, in which students undertake original research and produce advanced scholarship.

Graduates leave the program well prepared for future scholarly work in women's, gender, and sexuality studies, as well as for careers and future training in law, public policy, social work, community organizing, journalism, and professions in which there is a need for critical and creative interdisciplinary thought.

REQUIREMENTS MAJOR IN WOMEN'S AND GENDER STUDIES

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 V1001	Introduction to Women's and Gender Studies
or WMST V3125	Introduction to Sexuality Studies

WMST V3311	Colloquium in Feminist Theory
WMST V3514	Historical Approaches to Feminist Questions
WMST V3915	Gender and Power in Transnational Perspective
WMST V3521	Senior Seminar I

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 your specific interests and to provide you with the appropriate range of courses, whether your focus is ethnic studies, pre-med, pre-law, sociology, public health, queer studies, visual culture, literature, or another area of interest. While we encourage a broad interdisciplinary approach, we will help you fine-tune your academic program in conjunction with our IRWGS courses, cross-listed courses and other courses offered at Columbia.

CONCENTRATION IN WOMEN'S AND GENDER STUDIES

The same requirements as for the major, with the exception of the WMST V3521 Senior Seminar I.

SPECIAL CONCENTRATION FOR THOSE MAJORING IN ANOTHER DEPARTMENT

WMST V1001 Introduction to Women's and Gender Studies; plus five additional approved elective courses on gender.

COURSES

WMST V1001 Introduction to Women's and Gender Studies. 3 points.

BC: Fulfillment of General Education Requirement: Reason and Value (REA)., BC: Fulfillment of General Education Requirement: Social Analysis (SOC I)., BC: Fulfillment of General Education Requirement: Ethics and Values., BC: Fulfillment of General Education Requirement: Social Analysis (SOC II).

Prerequisites: Students registering for this course are expected to attend the lecture on Tuesdays at 11:40am-12:55pm, and one of the four discussion sections for 11:40am-12:55pm on Thursday. The course instructors will assign students to discussion sections in the first few weeks of the semester. An interdisciplinary introduction to key concepts and analytical categories in women's and gender studies. This course grapples with gender in its complex intersection

with other systems of power and inequality, including: sexuality, race and ethnicity, class and nation. Topics include: feminisms, feminist and queer theory, commodity culture, violence, science and technology, visual cultures, work, and family.

Spring 2015: WMST V1001

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WMST 1001	001/07651	T Th 11:40am - 12:55pm 304 Barnard Hall	Laura Ciolkowski, Rebecca Young	3	96/125

WMST V3112 Feminist Texts II. 0 points.

Contemporary issues in feminist thought. A review of the theoretical debates on sex roles, feminism and socialism, psychoanalysis, language, and cultural representations

Spring 2015: WMST V3112

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3112	001/73970	M 11:00am - 12:50pm 754 Ext Schermerhorn Hall	Marianne Hirsch	0	24/25

WMST W3915 Gender and Power in Transnational Perspective. 4 points.

Enrollment limited to 15.

Prerequisites: Critical Approaches or the instructor's permission.

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, global care chains, sexuality, sex work and trafficking, feminist politics, and human rights.

Fall 2014: WMST W3915

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3915	001/04299	W 2:10pm - 4:00pm 102 Sulzberger Annex	Nadia Guessous	4	17/25

Spring 2015: WMST W3915

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3915	001/26202	M 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Lila Abu-Lughod	4	19/20

WMST G4000 (Section 1) Genealogies of Feminism: Slavery, Coloniality and the Human. 4 points.

This course examines several genealogies of contemporary critical theory in which the body and processes of embodiment are seen as exemplary sites for the production of truth and power. The purpose of the course is to understand how

these authors, and these genealogies of thought, variously links bodies to power?power over life and death, power to cripple and rot certain worlds while over-investing others with wealth and hope. We will also attempt to understand how the theoretical landscapes explored and projected in these texts might relate to practical political and sociological struggles in the contemporary world.

Spring 2015: WMST G4000 (Section 1)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4000	001/24978	T 2:10pm - 4:00pm 301m Fayerweather	Neferti Tadiar, Saidiya Hartman	4	21/25

WMST G4000 (Section 2) Genealogies of Feminism: Bodies, Carnalities. 4 points.

This advanced seminar examines materialist conceptions of labor and life as approached through feminist, anti-racist, queer, postcolonial, and marxist perspectives. We will trace the ways that labor and life as well as their constitutive relations have been understood in historical and contemporary radical critiques of capitalism, with a focus on gender, race and sexuality as analytical categories for understanding their shifting roles in structures and practices of social reproduction, the production and expropriation of value, the logic and exercise of violence, the organization of sociality and culture, and the practice and imagination of freedom, justice, and new forms and potentials of collective existence. Finally we will consider the limits and possibilities of different conceptions of "material life" for understanding politics today.

Spring 2015: WMST G4000 (Section 2)

Course Number	Section/ Call Number	Times/Location	Instructor	Points	Enrollment
WMST 4000	002/28641	T 4:10pm - 6:00pm 754 Ext Schermerhorn Hall	Elizabeth Povinelli	4	17/25

WMST W3625 Memoir and Embodiment. 4 points.

Recent decades have witnessed a flood of life writing about the body, much of it by women and much of it about experiences of illness and disability. This development represents a significant change, as autobiography has historically been reserved for the most accomplished and able-bodied among us. Our course will study the rise of what G' Thomas Couser calls "the some body memoir," asking how it revises traditional autobiography as it attempts to carve out literary space for voices and bodies that have not historically been represented in public. We will consider how these new memoirs talk back to doctors and other health care professionals who medicalize the disabled body, as well as social environments that stigmatize and exclude the ill and disabled. We will also ask how race and gender inform stories of illness and disability, as well as investigating differences between physical and mental

illness and/or disability. Each week we will read one memoir, paired with other writings meant to prompt discussion and critical examination. In addition to more traditional academic writing, students will also have opportunities to experiment with their own life writing.

Spring 2015: WMST W3625

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
WMST 3625	001/28805	T 2:10pm - 4:00pm 754 Ext Schermerhorn Hall	Rachel Adams	4	10/18

WMST W3916 Historical Approaches to Feminist Questions. 4 points.

Historical Approaches to Feminist Questions” examines issues of gender and sexuality across time and space. We explore how feminist analyses may reorient how we think about the past. We also ask how historical perspectives can bring the contingent and contextual nature of ideas about gender and sexuality into relief. We will consult both primary and secondary historical sources as well as key theoretical texts on the politics of women’s history and the history of sexuality in intersection with other forms of identity and inequality.

OF RELATED INTEREST

Africana Studies (Barnard)

AFRS BC3121 Black Women in America

AFRS BC3589 Black Feminisms

American Studies

AMST W3930 Topics in American Studies: American Cultural Criticism

Anthropology

ANTH V3064 Death and the Body

ANTH V3465 Women and Gender Politics in the Muslim World

ANTH V3525 Introduction to South Asian History and Culture

ANTH V3989 Introduction to Urban Anthropology

Art History (Barnard)

AHIS BC3948 The Visual Culture of the Harlem Renaissance

AHIS BC3952 Art and Mass/Popular/Everyday Culture: 1850 to the Present

AHIS BC3990 Japanese Prints: Images of Japan's Floating World

Classics

CLCV V3158 Women in Antiquity

GRKM V3400 Diaspora & Translation

CLGM W4390 The Politics of Poetry: Greek

Classics (Barnard)

CLCV V3158 Women in Antiquity

Center for the Study of Ethnicity and Race

CSER W3918 Transnational Transgender Social Formations: Political Economies and Health Disparities

CSER W3922 Asian American Cinema

East Asian Languages and Cultures

EAAS V3220 Korean Film and the Making of Cold War Culture

EAAS W3405 Women in Japanese Literature: Gender, Genre, and Modernity

EAAS V3615 Japanese Literature and Film

HSEA W3881 History of Modern China II -- China in the Twentieth Century

EAAS W4106 Global Genres and East Asian Cinema

HSEA W4886 Gender, Passions and Social Order In China Since 1500

Economics (Barnard)

ECON BC2010 The Economics of Gender

ECON BC2075 Logic and Limits of Economic Justice

Economics

ECON W4480 Gender and Applied Economics

English and Comparative Literature

ENGL W3400 African-American Literature I

ENGL W3962 The Novel of Manners

ENGL W4604 American Modernism

English (Barnard)

ENGL BC3133 Early Modern Women Writers

ENGL BC3177 Victorian Age in Literature: the Novel

ENGL BC3180 American Literature, 1800-1870

ENGL BC3195 Modernism

ENGL BC3196 Home to Harlem: Literature of the Harlem Renaissance

French (Barnard)

FREN BC3035 Eighteenth-Century French Fiction

FREN BC3043 Twentieth-Century French Women Writers

French and Romance Philology

FREN W3421 Introduction to French and Francophone Studies II

History

- HIST W3460 Topics in the History of Women and Gender
- HIST W3640 Jewish Women and Family, 1000-1800
- HIST W4104 Family, Sexuality & Marriage in Pre-Modern Europe
- HSEA W4886 Gender, Passions and Social Order In China Since 1500
- HIST W4928 Comparative Slavery and Abolition in the Atlantic World

History (Barnard)

- HIST BC3567 American Women in the 20th Century
- HIST BC3664 Reproducing Inequalities: Families in Latin American History
- HIST BC3681 Women and Gender in Latin America
- HIST BC3803 Gender and Empire
- HIST BC4672 Perspectives on Power in 20th Century Latin America
- HIST BC4763 Children and Childhood in African History
- HIST BC4788 Gender, Sexuality, and Power from Colonial to Contemporary Africa
- HIST BC4870 Gender and Migration: A Global Perspective

Italian

- ITAL G4391 Challenging Genres, Gendering Fiction: the Experience of Italian Women Writers, 1945-90
- ITAL G4401 WWII, the Resistance and the Holocaust In Italian Literature and Cinema

Middle Eastern, South Asian, and African Studies

- ASCM V2008 Contemporary Islamic Civilization

Music

- MUSI W4540 Histories of Post-1960's Jazz

Philosophy

- PHIL V2110 Philosophy and Feminism

Political Science (Barnard)

- POLS BC3402 The Comparative Politics of Gender Inequality
- POLS BC3507 *Colloquium on Gender, Politics, and Markets
- POLS BC3521 Civil Rights and Civil Liberties

Political Science

- POLS V1013 Political Theory
- POLS W3626 Gender & International Relations

Psychology (Barnard)

- PSYC BC2134 Educational Psychology
- PSYC BC2154 Hormones and Reproductive Behavior
- PSYC BC3152 Psychological Aspects of Human Sexuality
- PSYC BC3153 Psychology and Women

Religion

- RELI V3140 Early Christianity
- RELI W4120 Gender In Ancient Christianity
- RELI W4828 Religion and the Sexual Body

Sociology (Barnard)

- SOCI V3200 Social Inequalities: Gender, Class and Race
- SOCI V3270 Sociology of Mass Media and Popular Culture
- SOCI W3302 Sociology of Gender
- SOCI V3318 The Sociology of Sexuality
- SOCI V3901 The Sociology of Culture

Spanish and Latin American Cultures (Barnard)

- SPAN BC3510 Gender and Sexuality in Latin American Cultures

Latin American and Iberian Cultures

- PORT W3340 Modern Brazilian Literature and Culture
- SPAN W3511 Erotismo

Women's Studies (Barnard)

- WMST BC1050 Women and Health
- WMST BC2140 Critical Approaches in Social and Cultural Theory
- WMST BC3117 Film and Feminism: Transnational Perspectives
- WMST BC3121 Black Women in America
- WMST BC3132 Gendered Controversies: Women's Bodies and Global Conflicts
- WMST BC3134 Unheard Voices: African Women's Literature
- WMST V3311 Colloquium in Feminist Theory
- WMST V3312 Theorizing Activism
- WMST W3915 Gender and Power in Transnational Perspective
- WMST W4302 The Second Wave and Jewish Women's Artistic Responses: 1939-1990
- WMST W4320 Queer Theories and Histories

INDEX

A

Academic Calendar	4
Academic Honors, Prizes, and Fellowships	118
Academic Regulations	78
Academic Requirements	75
Admission	46
African-American Studies	134
American Studies	141
Ancient Studies	147
Anthropology	149
Archaeology	163
Architecture	166
Art History and Archaeology	171
Art Humanities	94
Astronomy	184

B

Biological Sciences	190
Business	212

C

Chemistry	216
Classics	233
Colloquia, Interdepartmental Seminars, and Professional School Offerings	248
Columbia College Bulletin	3
Columbia University Policies	128
Comparative Literature and Society	250
Computer Science	258
Contemporary Civilization	91
Core Curriculum	88
Creative Writing	279

D

Dance	290
Departments, Programs, and Courses	132
Drama and Theatre Arts	306

E

Earth and Environmental Sciences	318
East Asian Languages and Cultures	334
Ecology, Evolution, and Environmental Biology	362
Economics	382
Education	407

English and Comparative Literature	414
Ethnicity and Race Studies	448

F

Fees, Expenses, and Financial Aid	47
Film Studies	455
Foreign Language Requirement	99
French and Romance Philology	461
Frontiers of Science	98

G

Germanic Languages	472
Global Core Requirement	101

H

History	481
History and Philosophy of Science	500
Human Rights	503

I

Italian	508
---------------	-----

J

Jazz Studies	527
Jewish Studies	530

L

Language Resource Center	533
Latin American and Caribbean Studies	544
Latin American and Iberian Cultures	547
Linguistics	571
Literature Humanities	89

M

Mathematics	576
Medieval and Renaissance Studies	589
Middle Eastern, South Asian, and African Studies	590
Music	611
Music Humanities	96

P

Philosophy	635
Physical Education and Intercollegiate Athletics	642
Physical Education Requirement	108
Physics	650
Political Science	663
Psychology	684

R

Regional Studies	700
Registration	73

Religion701

S

Science Requirement105

Slavic Languages 729

Sociology748

Special Programs113

Standards and Discipline 126

Statistics 755

Study Abroad109

Sustainable Development770

T

The Administration and Faculty of Columbia College6

U

University Writing 99

Urban Studies780

V

Visual Arts 787

W

Women's and Gender Studies795



COLUMBIA COLLEGE

COLUMBIA UNIVERSITY *in the* CITY *of* NEW YORK

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