

# TABLE OF CONTENTS

Columbia College Bulletin .....	3	Chemistry .....	229
Academic Calendar .....	4	Classics .....	238
The Administration and Faculty of Columbia College .....	7	Cognitive Science .....	248
Admission .....	51	Colloquia, Interdepartmental Seminars, and Professional School Offerings .....	253
Fees, Expenses, and Financial Aid .....	52	Comparative Literature and Society .....	254
Academic Requirements .....	84	Computer Science .....	260
Core Curriculum .....	90	Creative Writing .....	268
Literature Humanities .....	92	Dance .....	271
Contemporary Civilization .....	95	Drama and Theatre Arts .....	275
Art Humanities .....	100	Earth and Environmental Sciences .....	283
Music Humanities .....	103	East Asian Languages and Cultures .....	296
Frontiers of Science .....	105	Ecology, Evolution, and Environmental Biology .....	301
University Writing .....	106	Economics .....	309
Foreign Language Requirement .....	109	Education .....	322
Global Core Requirement .....	111	English and Comparative Literature .....	327
Science Requirement .....	123	Ethnicity and Race Studies .....	332
Physical Education Requirement .....	127	Film and Media Studies .....	336
Academic Regulations .....	129	French .....	339
Registration .....	145	Germanic Languages .....	345
Study Abroad .....	149	History .....	356
Special Programs .....	154	History and Philosophy of Science .....	362
Academic Honors, Prizes, and Fellowships .....	161	Human Rights .....	363
Dean's Discipline .....	169	Italian .....	367
Columbia University Policies .....	171	Jazz Studies .....	375
Departments, Programs, and Courses .....	177	Jewish Studies .....	377
American Studies .....	178	Language Resource Center .....	380
African American and African Diaspora Studies .....	181	Latin American and Caribbean Studies .....	381
Ancient Studies .....	184	Latin American and Iberian Cultures .....	385
Anthropology .....	188	Linguistics .....	391
Archaeology .....	191	Mathematics .....	397
Architecture .....	196	Medieval and Renaissance Studies .....	410
Art History and Archaeology .....	204	Middle Eastern, South Asian, and African Studies .....	412
Astronomy .....	211	Music .....	416
Biological Sciences .....	215	Philosophy .....	422
Business .....	226	Physical Education and Intercollegiate Athletics .....	428
		Physics .....	430
		Political Science .....	435
		Psychology .....	445

Public Health .....	457
Regional Studies .....	460
Religion .....	461
Slavic Languages .....	464
Sociology .....	471
Statistics .....	473
Sustainable Development .....	481
Urban Studies .....	492
Visual Arts .....	495
Women's and Gender Studies .....	499
Index .....	504

# COLUMBIA COLLEGE BULLETIN

2024-2025 | Columbia College | Founded 1754

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*Cover Photo: Geoffrey Allen*

# ACADEMIC CALENDAR

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

*Please note that classes and exams missed for travel are not excused.* Travel plans should be scheduled for dates that fall on holidays, on weekends, or after final exams. Students should wait to confirm travel plans until the beginning of the semester when they have confirmed their weekly course schedule (including discussion sections and labs) and their final exam schedule.

## LATE SUMMER DATES AND DEADLINES RELATED TO THE FALL 2024 TERM

August	1	Thursday. Last day for new students entering in Fall 2024 to submit vaccination documentation for measles, mumps, and rubella and to certify meningitis decision via the Columbia Health Patient Portal ( <a href="https://secure.health.columbia.edu">secure.health.columbia.edu</a> ). Vaccination documentation is due 30 days prior to registration; students are not permitted to register for classes until their submission is reviewed and processed.
	5-9	Monday–Friday. Online registration for Fall 2024 via Student Services Online (SSOL) appointment times: continuing students only.
	12-16	Monday–Friday. Online registration for Fall 2024 via Student Services Online (SSOL) appointment times: continuing students only.
	20-22	Tuesday–Thursday. Online registration for Fall 2024 via Student Services Online (SSOL) appointment times: continuing students only.
	26	Monday. New Student Orientation Program begins for new students entering in Fall 2024.

	30	Friday. Online registration for Fall 2024 via Student Services Online (SSOL) appointment times: entering first-year students only.
	31	Saturday. Fall 2024 online registration for all College students via Student Services Online (SSOL) appointment; all students.
September	1	Sunday. Last day to apply or reapply for the B.A. degree to be awarded in October 2024. Applications received after this date are automatically applied to the next conferral date in February 2025.
	2	<b>Monday. Labor Day. University Holiday.</b>

## FALL TERM 2024

September	3	<b>Tuesday. Classes begin for the 271st academic year.</b> Classes follow a normal Tuesday class schedule.
	3-13	Weekdays only. Fall 2024 Change of Program period by online appointment via Student Services Online (SSOL): all students.
	4	Wednesday. Last day for new Fall 2024 students to submit Student Health History form using the Columbia Health Portal.
	6; 9	Friday; Monday. Deferred examination dates.
	13	Friday. End of Change of Program period. Students must be registered for a minimum of 12 points. Last day to add courses. Last day to drop a Core Curriculum course. Last day to uncover grade for Spring or Summer 2024 course taken Pass/D/Fail.
	15	Sunday. Soft deadline to submit a waiver request from the Columbia Student Health Insurance Plan.
	16– October 8	Weekdays only. "Post Change of Program Add/Drop period" by online appointment via Student Services Online (SSOL). All students can drop courses during this period directly through SSOL. Students can add courses during this period only with permission from an instructor and the Committee on Academic Standing.
	30	Monday. Last day to confirm enrollment, enroll dependents, or request a waiver from the Columbia Student Health Insurance Plan.

October	8	Tuesday. Last day for students to drop Fall courses via Student Services (SSOL). Last day to declare R credit for an individual course.
	16	Wednesday. Award of October degrees.
	17	Thursday. Midterm Date.
November	1	Friday. Last day to apply or reapply for the B.A. degree to be awarded in February 2025. Applications received after this date are automatically applied to the next conferral date of May 2025.
	4	<b>Monday. Academic holiday. No classes held. Administrative offices open.</b>
	5	<b>Tuesday. Election Day. University holiday.</b>
	18-22	Monday–Friday. Online registration for Spring 2025 via Student Services Online (SSOL) appointment: continuing students only.
	27	<b>Wednesday. Academic holiday. No classes held. Administrative offices open.</b>
	28-29	<b>Thursday–Friday. Thanksgiving. University holidays.</b>
December	1	Sunday. Last day to apply or reapply for the B.A. degree to be awarded in May 2025. Applications received after this date are automatically applied to the next conferral date of June 2024.
	2	Monday. Last day to withdraw from an individual course and receive a notation of "W" on the transcript in place of a letter grade.
	9-13	Monday-Friday. Online registration for Spring 2025 courses via Student Services Online (SSOL) appointment: all students.
	9	Monday. Last day of classes. The last day to change a regular course to a Pass/D/Fail course or a Pass/D/Fail course to a regular course.
	11	Wednesday. Last day for new Spring 2025 students to submit vaccination documentation for measles, mumps, and rubella, and to certify meningitis decision online via the Columbia Health Patient Portal ( <a href="https://secure.health.columbia.edu">secure.health.columbia.edu</a> ) Vaccination documentation is due 30 days prior to registration; students are not permitted to register for classes until their documentation is received and processed.
	10-12	Tuesday–Thursday. Study days.
	13–20	Friday–Friday. Final examinations.
	20	Friday. Fall term ends.

**Friday, December 20, 2024–Friday, January 17, 2025. Winter holidays.**

## SPRING TERM 2025

January	6	Monday. Last day for new Spring 2025 students to submit Student Health History form using the Columbia Health Patient Portal.
	7-17	Weekdays only. Online registration for Spring 2025 via Student Services Online (SSOL) appointment: all students.
	20	<b>Monday. Martin Luther King, Jr. Day. University holiday.</b>
	21	<b>Tuesday. Classes begin. Classes follow a normal Tuesday class schedule.</b>
	21-31	Weekdays only. Change of Program period by online appointment via Student Services Online (SSOL); all students.
	24; 27	Friday; Monday. Deferred examination dates.
	31	Friday. End of Change of Program period. Students must be registered for a minimum of 12 points. Last day to add Spring courses. Last day to drop a Core Curriculum course. Last day to uncover letter grade for Fall 2024 course taken Pass/D/Fail.
February	1	Saturday. Soft deadline to submit a waiver request from the Columbia Student Health Insurance Plan for Spring 2025 new incoming students.
	12	Wednesday. Award of February 2025 degrees.
	15	Saturday. Last day for new Spring 2025 students to confirm, enroll dependents, or submit a request for a waiver from the Columbia Student Health Insurance Plan.
	25	Tuesday. Last day for students to drop courses via Student Services (SSOL). Last day to declare R credit for an individual course.
March	10	Monday. Midterm date.
	11-14	Tuesday-Friday. Major Declaration.
	17-21	<b>Monday–Friday. Spring recess.</b>
April	15-22	Weekdays only. Online registration for Fall 2025 via Student Services Online (SSOL) appointment: continuing students only.
	28	Monday. Last day to withdraw from an individual course and receive a notation of "W" on the transcript in place of a letter grade.

May	5	Monday. Last day of classes. The last day to change a regular course to a Pass/D/Fail course or a Pass/D/Fail course to a regular course.
	6-9	Tuesday-Friday. Study days.
	9-16	Friday-Friday. Final examinations.
	TBA	Deadline for continuing students to apply for financial aid for 2025-2026.
	16	End of Spring 2025 term.
	20	Tuesday. Columbia College Class Day exercises.
	21	Wednesday. Commencement.

## SUMMER DATES AND DEADLINES RELATED TO THE FALL 2025 TERM - TO BE POSTED

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*Provost of the University*

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Michelle Estilo Kaiser M.D., M.P.H., '87, PH92, PH97

Jenny Fan Raj '00

Andrew A. Fink '91, LAW'94

Dede Gardner '90

Michelle Jacobson Goldberg '91

Robert J. Grey '72

Alicia Guevara '94

Peter A. Hatch '92

Britta Wilson Jacobson '96

Mojdeh L. Khaghan, Esq. '88, LAW'91

Nicholas Paul Leone '88

Ji Liu

Christopher J. McGowan '92

Eric A. Mendelson '87, BUS'89

Rachel Esther Neuhut M.D., '03, PS07

Jen Maxfield Ostfeld'99, JRN'00

Vijay Mohan '01

Luis Penalver '89

Renan Pierre '86, SEAS'87

John A. Rogovin '83

Teresa M. Saputo-Crerend '87, BUS'92

Michael S. Satow '88

Mozelle W. Thompson Esq. '76, SIPA'79, LAW'81

Anthony Tutrone '86

Sharmila H. Tuttle '96, SIPA'05

William A. von Mueffling '90, BUS'95

Raymond H. Yu '89, SEAS90

## OFFICERS OF COLUMBIA COLLEGE 2024–2025

### Josef Sorett

*Dean of Columbia College and Vice President for Undergraduate Education*

B.S., Oral Roberts University, 1996; M.Div., Boston University, 2000; Ph.D., Harvard University, 2008

**Corey S. Aronstam**

*Senior Associate Dean for Columbia College Development and Deputy Vice President for Development, Columbia College and Arts and Sciences*

B.A., Nazareth College, 1998; M.B.A., Wagner College, 2001

**Lisa Hollibaugh**

*Dean of Academic Affairs*

B.A., Rice University, 1990; M.A., Columbia University, 1996; Ph.D., 2005

**Jessica Marinaccio**

*Dean of Undergraduate Admissions and Financial Aid*

A.B., Harvard University, 1991; M.Ed., 1994

**Shannon P. Marquez**

*Dean of Undergraduate Global Engagement*

B.S., Prairie View A&M University, 1992; M.Eng., Texas A&M University, 1993; Ph.D., University of North Carolina at Chapel Hill, 1998

**James T. McMenamin, Jr.**

*Senior Associate Dean for Columbia College Development and Senior Director of Principal Gifts, Office of Alumni and Development*

B.A., Johns Hopkins University, 1971

**Andrew Plaa**

*Dean of Advising, James H. and Christine Turk Berick Center for Student Advising*

B.A., McGill University (Canada), 1983; M.A., Columbia University, 1986; M.Phil., 1987; Ph.D., 1994

**Kavita Sharma**

*Dean of Career Education*

B.Sc., University of Southampton, 1989; M.Sc., London School of Economics, 1991; M.A., Teachers College, Columbia University, 2012

**Elizabeth Albes**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Johns Hopkins University, 2007; M.A., Columbia University, 2014; M.A., 2017; M.Phil. 2019; Ph.D., 2022

**Melinda Aquino**

*Associate Dean of Multicultural Affairs, Undergraduate Student Life*

B.A., University of Florida, 1998; M.A., University of Miami, 2001; M.A., New York University, 2005; M.S., Columbia University, 2012

**Veronica Bjorkman**

*Director of Family Outreach and Support*

B.A., University of Alaska Fairbanks, 2012; M.A., Eastern Kentucky University, 2015

**Marcela D. Calidonio**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Columbia University, 2006

**Scott W. Carpenter**

*Associate Dean, The Center for Undergraduate Global Engagement*

B.A., Dickinson College, 1995; M.A., New York University, 1996; M.Phil., 1999

**Angie Carrillo**

*Associate Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., University of California, Los Angeles, 1999; M.A., Teachers College, Columbia University, 2000; Ed.M., 2007

**Cindy Cogdill**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

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

**Jason Collado**

*Assistant Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., University at Albany, SUNY, 1997; M.S., 2000

**Manoushka Constant**

*Senior Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

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

**Meghan Cote**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Moravian University, 2016; M.Ed., Boston University, 2019

**Niki Cunningham**

*Senior Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Brown University, 1990; M.A., University of Wisconsin, 1994; M.P.H., Columbia University, 2017

**Amanda Daugherty**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.S., Indiana State University, 2006; M.P.H. Indiana University Bloomington, 2008

**Maria Dimitropoulos**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Macaulay Honors College at Hunter College - CUNY, 2013; M.A., Columbia University, 2015; M.Phil., 2018; Ph.D., 2023

**Jessica Dzaman**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Brown University, 2006; M.A., Columbia University, 2008; Ph.D., 2015

#### **Darius Victor Echeverría**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

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

#### **A. Alexander España**

*Associate Dean, James H. and Christine Turk Berick Center for Student Advising*

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

#### **Meghan Flaherty**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., New Jersey City University, 2017; M.F.A., Bennington College, 2021

#### **Aileen Forbes**

*Senior Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

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

#### **Joshua Gaynor**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

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

#### **Chad Gifford**

*Assistant Dean, James H. and Christine Turk Berick Center for Student Advising*

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

#### **Aaron Gomes**

*Executive Director of Student Engagement, Undergraduate Student Life*

B.A., William Paterson University, 2007; M.A., Teachers College, Columbia University, 2013

#### **Michael Hall**

*Executive Director of Financial Aid*

B.S., Saint Vincent College, 1998; M.S.P.P.M., Carnegie Mellon University, 2009; M.B.A., 2009

#### **Tara Hanna**

*Executive Director of Residential Life, and Associate Dean of Undergraduate Student Life*

B.A., Boston College, 2007; M.S.Ed., Fordham University, 2009; Ed.M., Teachers College, Columbia University, 2015

#### **Dawn Hemphill**

*Senior Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

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

#### **Kay Hershberger**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Goshen College, 1988; M.S., Indiana University, 1994

#### **Larry Jackson**

*Associate Dean of Academic Affairs, Core Curriculum and Undergraduate Programs*

B.A., Skidmore College, 1999; M.A., The New School for Social Research, 2003; M.A., 2007; Ph.D., 2013

#### **Fay Ju**

*Associate Dean, The Center for Undergraduate Global Engagement*

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

#### **Stephanie King**

*Assistant Dean, Student Wellness*

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

#### **Ariella Lang**

*Associate Dean of Academic Affairs, Director of Undergraduate Research and Fellowships*

B.A., University of Chicago, 1995; M.A., Columbia University, 1996; Ph.D., 2003

#### **Lavinia Lorch**

*Senior Associate Dean, James H. and Christine Turk Berick Center for Student Advising*

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

#### **Victoria Malaney Brown**

*Director of Academic Integrity*

B.A., Skidmore College, 2010; M.Ed., University of Massachusetts, 2015; Ph.D., 2020

#### **Maude Meisel**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Swarthmore College; Ph.D., Columbia University, 1993

#### **Ashley Nail**

*Assistant Dean of Academic Affairs, Core Curriculum and Undergraduate Programs*

B.M., University of Texas at Arlington, 2004; M.A., University of Minnesota, 2007; D.M.A., Columbia University, 2014

#### **Niamh O'Brien**

*Senior Associate Dean of Alumni and Undergraduate Career Development, Center for Career Education*

B.A., Trinity College Dublin, 1990; M.S., New York University, 2003; M.A., Teachers College, Columbia University, 2021

#### **Sarah Oldham**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Elon University, 2012; M.A., Teachers College, Columbia University, 2016; M.Ed., 2022

**Dana Pavarini**

*Executive Director of Undergraduate Admissions*

B.A., Columbia University, 2008; M.A., 2012

**Natalia Remis**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Columbia University, 2014; J.D., Benjamin N. Cardozo School of Law, 2021

**Megan Rigney**

*Associate Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Miami University, Ohio, 1993; M.A., New York University, 1996

**Nancy Rubino**

*Associate Dean of Experiential Education, Center for Career Education*

B.A., New York University, 1983; M.A., New York University, 1985; Ph.D., Columbia University, 1997

**Justin Snider**

*Assistant Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Amherst College, 1999; M.A., University of Chicago, 2000; M.A.S., Universität Wien, 2002; M.Ed., Harvard University, 2003; M.A., Teachers College, Columbia University, 2014; M.Ed., 2014; M.S., Columbia Journalism School, 2019

**Danielle Wong**

*Senior Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

B.A., Stony Brook University-SUNY, 1996; M.A., Teachers College, Columbia University, 1999; M.Ed., 1999

**Nancy Workman**

*Advising Dean, James H. and Christine Turk Berick Center for Student Advising*

A.B., Occidental College, 1984; Ph.D., Columbia University, 1998

**Jodi Zaffino**

*Assistant Dean of Academic Affairs, Fellowship Programs*

B.A., Willamette University, 2005; M.A., University of York (UK), 2007; Ph.D., University College Dublin, 2015

# ADMISSION

**Mailing address**

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

**Email:** [ugrad-ask@columbia.edu](mailto:ugrad-ask@columbia.edu)

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

For information about undergraduate admissions, please visit the [Undergraduate Admissions website](http://undergrad.admissions.columbia.edu) or contact the office by phone or email.



# FEES, EXPENSES, AND FINANCIAL AID

## ESTIMATED EXPENSES FOR THE ACADEMIC YEAR

An itemized estimate of the cost of attending Columbia College for the **2024–2025 academic year** of nine months is as follows:

Tuition	\$68,000
Mandatory Fees	\$3,170
Average Room and Board Cost	\$17,580
Books and Personal Expenses	\$3,992
Travel	varies
<b>Total</b>	<b>\$92,742 + Travel</b>

There is an additional charge of \$570 for new students who are required to attend Orientation.

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

## FEES

The following fees, prescribed by statute for each Fall or Spring term, are subject to change at any time at the discretion of the Trustees. The fees shown are those in effect during the 2024–2025 academic year.

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

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

### Tuition 2024–2025

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 2024–2025 is \$34,000 a term.**

Postgraduate special students and degree candidates enrolled for a ninth term are billed according to the per-point system; the per-point cost is \$2,188.

### 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*	\$1,782
Columbia Health and Related Services Fee	\$1,388
<b>Total</b>	<b>\$3,170</b>

\*Students registered in Columbia College (Fall Term): \$891;  
Students registered in Columbia College (Spring Term): \$891

### Document Fee

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

### International Services Charge

All students holding a non-resident visa are charged an international services charge of \$160 each term, totaling \$320 for academic year 2024–2025. This fee supports the University's services to international students.

## Columbia Health and Related Services Fee and Student Health Insurance Premiums

### Columbia Health and Related Services Fee

The Columbia Health and Related Services Fee is paid by all\* students (including hybrid, online only, and study abroad students) for access to the health and well-being resources, programs, and services provided by Columbia Health and our partners. This mandatory, non-refundable fee cannot be waived and is not pro-rated.

- One-on-one conversations and workshops on stress, sleep, time management, alcohol and drug education, wellness coaching, pet therapy, HIV testing and treatment counseling, birth control education and counseling, PrEP and PEP consultation, sexual health peer counseling, and gender affirming care coordination through [Alice! Health Promotion](#), including the Gay Health Advocacy Project (GHAP)
- Online and in-person academic, classroom, campus, housing, and event accommodations for students with disabilities (including chronic conditions and temporary injuries) and non-clinical consultations around academic difficulties related to attention issues or learning difficulties through [Disability Services](#)
- Crisis counseling, intervention, advocacy, connection to resources, online orders of protection, accompaniment for survivors and co-survivors of violence, as well as violence

prevention trainings and workshops through [Sexual Violence Response](#)

- Guidance around health insurance enrollment, submitting a waiver request, benefits, claims, and other insurance matters through the [Student Health Insurance Team](#)
- Support for complying with University immunization requirements through the [Immunization Compliance Office](#)
- No out-of-pocket cost flu vaccines and confidential HIV Testing
- Public health infrastructure and support programs such as campus policy and contact tracing for infection disease outbreaks routine and urgent medical care, nutrition, travel medicine, immunizations (most at no-cost), sexual health services, reproductive and gynecological services, LGBTQ + health care, on-campus laboratory (fee may apply if not on the Columbia Plan), acupuncture, sports medicine, and much more through [Medical Services](#)
- in-person and virtual short-term individual counseling, referrals for longer term therapy, virtual support spaces, in-person support groups, urgent mental health concerns drop-ins, and problem-solving/coping skills drop-ins, medication consultation, and emergency consultation through [Counseling and Psychological Services](#)

\*Part-time and half-time domestic students who are not on the Columbia University Student Health Insurance Plan pay a reduced fee, but can elect to [upgrade to the full-time fee](#) to access the full range of resources, programs, and services.

The Columbia Health and Related Services Fee is billed separately for each term. The periods of coverage and fees for 2024–2025 are as follows:

Fall Term	August 15, 2024– December 31, 2024	\$694
Spring Term	January 1, 2025– August 14, 2025	\$694

Student Health Insurance Premiums

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

International students

Navigating the U.S. healthcare system can be complex. To help ensure that international students have access to the highest quality of care on- and off-campus, Columbia University requires all international students to enroll in the **Columbia**

**Student Health Insurance Plan.** On a limited case-by-case basis, international students may qualify for a waiver.

Waivers and exceptions

Students who have an alternate insurance plan that meets established criteria set by the University may submit a request for a waiver. Visit the Columbia Health website for more information about [waiver](#) criteria.

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

Students must confirm their enrollment or submit a waiver request on the Columbia Health Patient Portal **every year**. Students will receive reminders through their Columbia email.

Please contact the Student Health Insurance Team with any questions. They can be reached via [studentinsurance@columbia.edu](mailto:studentinsurance@columbia.edu), or by visiting the office on the 3rd Floor of John Jay Hall.

HEALTH INSURANCE PREMIUM BY SEMESTER

Fall Term	August 15, 2024– December 31, 2024	\$1,888
Spring Term	January 1, 2025– August 14, 2025	\$3067

Withdrawal and Adjustment of Fees

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

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

Medical Leave

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

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

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

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

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

### Fall and Spring Term Tuition Refund Schedule

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

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

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

### Mailing Address

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

### Office Location

618 Alfred Lerner Hall  
2920 Broadway  
New York, NY 10027

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

**Telephone:** 212-854-3711

**Fax:** 212-854-5353

**Email:** [ugrad-finaid@columbia.edu](mailto:ugrad-finaid@columbia.edu)

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

Columbia is committed to meeting the full demonstrated financial need for all admitted students. Financial aid is available for all four undergraduate years, provided that students continue to demonstrate financial need.

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

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

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

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

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

### Scholarship A-Z Listing

**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z****A****FREDERICK F. AND HELEN M. ABDOO SCHOLARSHIP FUND**

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

**SAM ACKERMAN SCHOLARSHIP FUND**

(2010) Gift of an anonymous donor.

**CARROLL ADAMS SCHOLARSHIP FUND**

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

**MICHAEL ADDISON SCHOLARSHIP FUND**

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

**EDWARD C. ADKINS MEMORIAL SCHOLARSHIP FUND**

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

**JAMES HERMAN ALDRICH AND HERMAN ALDRICH EDSON SCHOLARSHIP FUND**

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

**PATRICIA AND SHEPARD ALEXANDER SCHOLARSHIP FUND**

(2012) Bequest of Patricia and Shepard L. Alexander CC 1921.

**SHEPARD L. ALEXANDER SCHOLARSHIP FUND**

(2011) Bequest of Patricia and Shepard L. Alexander CC 1921.

**WILLIAM ALPERN SCHOLARSHIP FUND**

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

**CECILE AND SEYMOUR ALPERT, M.D. SCHOLARSHIP FUND**

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

**ALAN J. ALTHEIMER SCHOLARSHIP FUND**

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

**ALUMNI SCHOLARSHIP FUND**

(1935) Gift of the Alumni Fund.

**GEORGE J. AMES/LAZARD FRERES SCHOLARSHIP FUND**

(1996) Gift of Lazard Freres in honor of George J. Ames CC'37 ^.

**ERICA L. AMSTERDAM FAMILY SCHOLARSHIP FUND FOR COLUMBIA COLLEGE**

(2002) Gift of Mark Lemle Amsterdam CC'66, LAW'69, P: CC'07, CC'10 in honor of his mother, Erica L. Amsterdam ^ P: CC'66, LAW'69.

**CATHERINE AND DENIS ANDREUZZI SCHOLARSHIP FUND**

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

**JULIO LOUIS ANON AND ROBERT A. KAMINSKI SCHOLARSHIP FUND**

(2013) Gift of J. Louis Anon CC'76.

**ANONYMOUS SCHOLARSHIP FUND**

(1984) Gift of an anonymous donor.

**ANONYMOUS SCHOLARSHIP FUND**

(2011) Gift of an anonymous donor.

**ANONYMOUS SCHOLARSHIP FUND**

(2013) Gift of an anonymous donor.

**ANONYMOUS FUND FOR STUDENT AID #2**

(1954) Gift of an anonymous donor.

**ANONYMOUS SCHOLARSHIP FUND III IN COLUMBIA COLLEGE**

(1987) Gift of an anonymous donor.

**ANONYMOUS #241 COLUMBIA COLLEGE FINANCIAL GIFT****ANONYMOUS 22076 SCHOLARSHIP FUND**

(2008) Gift of an anonymous donor.

**ANONYMOUS 32994 SCHOLARSHIP FUND**

(2015) Gift of an anonymous donor.

**ANONYMOUS 351942 SCHOLARSHIP FUND**

(2008) Gift of an anonymous donor.

**ANONYMOUS 379772**

(2019) Gift of an anonymous donor.

**ANONYMOUS 672287 SCHOLARSHIP**

(2021) Gift of an anonymous donor.

**RAYMOND F. ANTIGNAT SCHOLARSHIP FUND**

(1991) Bequest of Raymond F. Antignat CC'37, GSAS'40.

**AQUILA FAMILY SCHOLARSHIP FUND**

(2013) Gift of Francis J. Aquila CC'79.

**ROONE P. ARLEDGE SCHOLARSHIP FUND**

(1987) Gift of Roone P. Arledge CC'52 ^.

**ENDOWED SCHOLARSHIP FUND FOR THE ARTS**

(2021) Gift of an anonymous donor.

**SCHOLARSHIP FUND FOR THE ARTS**

(2021) Gift of an anonymous donor.

**NICHOLAS F. AND FRANCES N. ARTUSO SCHOLARSHIP FUND**



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

#### ESTATE OF SYLVIA ASHLEY BEQUEST FOR GENERAL UNIVERSITY FINANCIAL AID

(2008) Bequest of Sylvia Ashley.

#### LOUIS AND THEONIE ASLANIDES SCHOLARSHIP FUND

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

#### CHARLES B. ASSIFF SCHOLARSHIP FUND

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

#### ASTOR PRESIDENTIAL SCHOLARSHIP FUND

(1981) Gift of the Vincent Astor Foundation.

#### THE BILL AND INGRID ATKINSON MEMORIAL SCHOLARSHIP FUND

(2012) Gift of William H. Atkinson CC'49 ^.

#### MILA ATMOS SCHOLARSHIP FOR EUROPEAN HISTORY

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

#### BERTHA AND WILLIAM AUGENBRAUN ENDOWED SCHOLARSHIP FUND AT COLUMBIA COLLEGE

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

#### AXIOS FIRST IN FAMILY SCHOLARSHIP

(2022) Gift of Dr. John Poneros CC'91, PS'95, P: CC'27 and Dr. Fay Kastrinos CC'95, P: CC'27.

## B

#### BABAR FAMILY UNDERGRADUATE SCHOLARSHIP FUND

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

#### A. JAMES AND VONA HOPKINS BACH SCHOLARSHIP FUND

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

#### FREDERICK AND ELEANORE BACKER SCHOLARSHIP FUND

(1984) Bequest of Eleanore W. Backer.

#### BADISHKHANIAN FAMILY SCHOLARSHIP

(2022) Gift of Kelley Badishkhanian CC'98, BUS'08.

#### KAMEL S. BAHARY SCHOLARSHIP FUND

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

#### BAKER FAMILY SCHOLARSHIP FUND

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

#### GARY THOMAS BAKER SCHOLARSHIP FUND

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

#### ADELLE PHYLLIS BALFUS SCHOLARSHIP FUND

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

#### KRISHNADAS/RAMA BANERJEE MEMORIAL SCHOLARSHIP

(2023) Gift of Dr. Rini Banerjee Ratan P: CC'26.

#### ALFRED M. BARABAS MEMORIAL FUND

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

#### THE MICHAEL L. BARNETT SCHOLARSHIP FUND

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

#### KYRA TIRANA BARRY AND DAVID BARRY SCHOLARSHIP FUND

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

#### MICHAEL BARRY '89 SCHOLARSHIP FUND

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

#### FREDERIC D. BARSTOW SCHOLARSHIP FUND

(1943) Bequest of William S. Barstow.

#### ANDREW AND AVERY BARTH SCHOLARSHIP FUND

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

#### BASSI FAMILY SCHOLARSHIP FUND

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

#### MILTON B. AND EDITH C. BASSON ENDOWMENT FUND

(1987) Bequest of Milton B. Basson CC1929.

#### CLEMENT AND ELIZABETH PROBASCO BEACHEY SCHOLARSHIP FUND

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

#### BEALE FAMILY FUND

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

#### ROBERT L. BELKNAP SCHOLARSHIP FUND

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

#### WILLIAM C. AND ESTHER HOFFMAN BELLER SCHOLARSHIP FUND

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

#### WILLIAM AITKEN BENSEL MEMORIAL ENDOWMENT

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

#### HERBERT R. BERK SCHOLARSHIP FUND

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



**GERALD M. BERKOWITZ SCHOLARSHIP FUND**  
(2020) Gift of Gerald M. Berkowitz CC'63, GSAS'64.

**PAUL BERKOWITZ MEMORIAL SCHOLARSHIP FUND**  
(2023) Gift of Gerald M. Berkowitz CC'63, GSAS'64.

**PINCUS BERNER MEMORIAL SCHOLARSHIP FUND**  
(1992) Bequest of Rose Wohl Hofstadter in memory of her brother-in-law, Pincus Berner.

**ROBERT BERNOT '55 AND MORRIS LAMER SCHOLARSHIP FUND IN HONOR OF SAMARA BERNOT MESHEL '92**  
(1996) Gift of Robert Bernot CC'55, P: CC'92 and Morris Lamer ^ in honor of Samara B. Meshel CC'92, P: CC'18, CC'23.

**YOGI BERRA SCHOLARSHIP FUND**  
(1959) Gift of various donors in honor of Yogi Berra ^.

**THE BETHILL FAMILY SCHOLARSHIP FUND**  
(2009) Gift of Charles D. Bethill CC'69, GSAS'73, SIPA'73, LAW'74.

**BIKHCHANDANI SCHOLARSHIP FUND**  
(2013) Gift of an anonymous donor.

**BLACK ALUMNI COUNCIL ENDOWED SCHOLARSHIP FUND**  
(2015) Gift of Columbia College Black Alumni Council, alumni, and friends.

**CHARLES P. BLACKMORE ATHLETIC SCHOLARSHIP FUND**  
(1990) Bequest of Charles P. Blackmore CC'38, GSAS'53.

**LEO BLITZ MEMORIAL SCHOLARSHIP FUND**  
(1987) Gift of Steven M. Blitz CC'62, SEAS'63.

**THE BENJAMIN F. & BERNICE BLOCK FUND**  
(2017) Bequest of Harold P. Block CC'62, BUS'65.

**THE WILLARD AND ROBERTA BLOCK FAMILY SCHOLARSHIP FUND**  
(1999) Gift of Willard Block CC'51 ^.

**MAXWELL A. BLOOMFIELD SCHOLARSHIP FUND**  
(2002) Bequest of Maxwell Bloomfield.

**BOCKLAGE FAMILY SCHOLARSHIP FUND**  
(2010) Gift of Alanna and Chandler B. Bocklage CC'00.

**ALEXANDER BODINI ENDOWED FINANCIAL AID FUND**  
(2004) Gift of ACP Holdings, Inc. in memory of Alexander Bodini.

**PHILIP BONANNO SCHOLARSHIP FUND**  
(1996) Gift of Philip P. Bonanno CC'54, SEAS'55, SEAS'64.

**HOWARD H. BORN SCHOLARSHIP FUND**  
(1990) Bequest of Howard H. Born.

**H. HUBER BOSCOWITZ SCHOLARSHIP FUND**  
(1994) Bequest of H. Huber Boscowitz CC 1923.

**DR. LEONARD BRAM SCHOLARSHIP FUND**  
(2011) Gift of Jonathan D. Bram CC'87, P: CC'14, CC'17.

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

**THE MICHAEL O. BRAUN SCHOLARSHIP FUND**  
(2006) Gift of Michael O. Braun CC'70, LAW'73, P: CC'09.

**JOHN M BRAVER & DOROTHY, MARIA, AND YOLE DE BLASIO SCHOLARSHIP FUND**  
(2020) Gift of John M. Braver CC'66.

**MYLES AND DOROTHY BRAVER SCHOLARSHIP FUND**  
(2021) Gift of John M. Braver CC'66.

**BREAD OF LIFE FOUNDATION SCHOLARSHIP FUND**  
(1993) Gift of Paul J. Grant CC'65.

**JESSICA LEE BRETT SCHOLARSHIP FUND**  
(2008) Gift of Patricia Brett CC'87, P: CC'18, CC'21, CC'26 and James T. Brett CC'84, BUS'90, P: CC'18, CC'21, CC'26.

**LAURENCE AND MARION BREWER '38 CC SCHOLARSHIP FUND**  
(2006) Bequest of Marion and Laurence A. Brewer CC'38.

**BRIDGE SCHOLARSHIP FUND**  
(2022) Gift of Mr. Feng Ge.

**BRILLO-SONNINO FAMILY SCHOLARSHIP FUND**  
(2009) Gift of Mark D. Sonnino CC'82 and Lyn C. Brillo.

**THE CRAIG B. BROD SCHOLARSHIP**  
(2011) Gift of Craig B. Brod CC'77.

**HAROLD BROD MEMORIAL ROOM SCHOLARSHIP FUND**  
(1958) Gift of Beth Brod W: CC'47 in memory of her husband, Harold Brod CC'47.

**DOROTHY R. BRODIN SCHOLARSHIP FUND FOR THE HUMANITIES**  
(2007) Bequest of Dorothy R. Brodin GSAS'43, GSAS'63.

**BRONIN FAMILY SCHOLARSHIP FUND**  
(1996) Gift of Andrew Bronin CC'69.

**ROBERT R. BROOKHART MEMORIAL SCHOLARSHIP FUND**  
(1991) Bequest of Herbert A. Deane CC'42, GSAS'53 in honor of Robert R. Brookhart CC'59 ^.

**RICHARD A. BROOKS AND EVA MARIA STADLER SCHOLARSHIP FUND**  
(2017) Bequest of Richard A. Brooks CC'53, GSAS'59.

**SHARI AND GARY BROOKS FAMILY SCHOLARSHIP**  
(2021) Gift of Shari R. and Gary A. Brooks P: CC'24, CC'26.

**FRANK AND DEENIE BROSENS SCHOLARSHIP FUND**  
(2006) Gift of the Frank Brosens and Deenie Brosens Foundation.

**HAROLD BROWN SCHOLARSHIP FUND**  
(1990) Gift of Harold Brown CC'46, GSAS'46, GSAS'49 ^.

**SAMUEL POTTER BROWN SCHOLARSHIP FUND**  
(1998) Bequest of Samuel P. Brown CC'41, BUS'41.

**CARL M. BRUKENFELD CLASS OF 1927 MEMORIAL SCHOLARSHIP FUND**  
(1970) Gift of M. Ronald Brukenfeld GSAS'39 ^.

**CLARENCE BRUNER-SMITH SCHOLARSHIP FUND - COLUMBIA COLLEGE**  
(2002) Bequest of Clarence Bruner-Smith CC 1925.

**LOUISE AND ROBERT BRUNNER FAMILY SCHOLARSHIP FUND**  
(2014) Gift of Rochelle L. and Thomas W. Brunner CC'66, P: CC'95.

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

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

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

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

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

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

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

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

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

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

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

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

## C

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

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

**STEVEN C. CALICCHIO FUND**  
(2013) Gift of the Steven C. Calicchio Foundation.

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

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

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

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

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

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

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

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

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

**SOU CHAN SCHOLARSHIP FUND**

(1949) Gift of Sou Chan.

#### RYAN CHANG SCHOLARSHIP FUND

(2011) Gift of Ryan S. Chang CC'02.

#### CHANG CHAN YUK PING SCHOLARSHIP FUND

(2011) Gift of Pamela and Eric M.P. Tang P: CC'09.

#### CHAPMAN FAMILY SCHOLARSHIP FUND

(2015) Gift of Kenneth Chapman.

#### JOHN CHEE SCHOLARSHIP FUND

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

#### CHARLIE CHO SCHOLARSHIP FUND

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

#### THE CHODASH FAMILY SCHOLARSHIP FUND

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

#### GERMAINE AND MICHAEL CHOE SCHOLARSHIP FUND

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

#### CHOU SCHOLARSHIP FUND

(2010) Gift of Silas Kei-Fong Chou.

#### SILAS CHOU SCHOLARSHIP FUND

(2010) Gift of Silas Kei-Fong Chou.

#### DANIEL S.J. CHOY COLUMBIA COLLEGE SCHOLARSHIP FUND

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

#### PHILLIP AND THEODORA CHRISTIE ENDOWED SCHOLARSHIP

(2016) Bequest of Theodora and Phillip Christie.

#### CHUA FAMILY SCHOLARSHIP FUND

(2022) Gift of Kei Wah Chua CC'95.

#### CHUNG FAMILY FUND

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

#### JEREMIAH AND YOLANDA CIANCIA FAMILY SCHOLARSHIP FUND

(2008) Gift of Jeremiah and Yolanda Cianza Foundation.

#### RICHARD H. CIPOLLA MEMORIAL SCHOLARSHIP FUND

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

#### ROBERT CIRICILLO SCHOLARSHIP FUND

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

#### JOHN J. CIRIGLIANO SCHOLARSHIP FUND

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

#### TATJANA CIZEVSKA SCHOLARSHIP FUND

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

#### CLASS OF 1892 ARTS AND MINES SCHOLARSHIP

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

#### CLASS OF 1896 ARTS AND MINES SCHOLARSHIP

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

#### CLASS OF 1899 COLLEGE AND MINES NATIONAL SCHOLARSHIP FUND

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

#### CLASS OF 1900 FUND

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

#### CLASS OF 1902 COLLEGE AND ENGINEERING SCHOLARSHIP FUND

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

#### CLASS OF 1905 SCHOLARSHIP FUND

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

#### CLASS OF 1906 FRANK D. FACKENTHAL SCHOLARSHIP FUND

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

#### CLASS OF 1907 ENGINEERING FUND

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

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

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

#### CLASS OF 1909 SCHOLARSHIP FUND

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

#### CLASS OF 1911 FUND

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

#### CLASS OF 1912 COLLEGE AND ENGINEERING 35TH ANNIVERSARY FUND

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

#### CLASS OF 1914 COLLEGE AND ENGINEERING FUND

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

#### CLASS OF 1915 SCHOLARSHIP FUND

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

#### CLASS OF 1916 COLLEGE AND ENGINEERING FUND

(1947) Gift of various donors in the Class if 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 FUND**

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

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

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

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

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

**CLASS OF 1927 SCHOLARSHIP FUND**

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

**CLASS OF 1928 COLLEGE PERMANENT FUND**

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

**CLASS OF 1929 TENTH ANNIVERSARY FUND**

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

**CLASS OF 1932 SCHOLARSHIP FUND**

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

**THE CLASS OF 1933 SCHOLARSHIP FUND**

(2008) Bequest of Mabel H. Tunstead.

**CLASS OF 1933 SCHOLARSHIP FUND**

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

**CLASS OF 1934 SCHOLARSHIP FUND**

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

**CLASS OF 1936 SCHOLARSHIP FUND**

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

**CLASS OF 1938 SCHOLARSHIP FUND**

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

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

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

of Barry's father, George A. Hyman CC'42, VPS'45, P: CC'77, VPS'86.

**CLASS OF 1942 SCHOLARSHIP FUND**

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

**CLASS OF 1943 SCHOLARSHIP FUND**

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

**CLASS OF 1951 SCHOLARSHIP FUND**

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

**CLASS OF 1952 ENDOWMENT FUND**

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

**COLUMBIA COLLEGE CLASS OF 1952 SCHOLARSHIP FUND**

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

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

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

**CLASS OF 1955 SCHOLARSHIP FUND**

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

**CLASS OF 1956 ALAN N. MILLER SCHOLARSHIP FUND**

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

**CLASS OF 1956 SCHOLARSHIP FUND**

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

**THE CLASS OF 1958 PETER STUYVESANT SCHOLARSHIP**

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

**CLASS OF 1959 SCHOLARSHIP FUND**

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

**CLASS OF 1966 SCHOLARSHIP FUND**

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

**CLASS OF 1968 SCHOLARSHIP FUND**

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

**CLASS OF 1969 SCHOLARSHIP FUND**

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

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

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

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



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

**THE CLASS OF 1984 SCHOLARSHIP FUND**  
(2013) Gift of various donors in the Class of 1984.

**THE CLASS OF 1985 SCHOLARSHIP FUND**  
(2014) Gift of Class of 1985 in honor of the twenty-fifth anniversary of their graduation.

**THE CLASS OF 1989 SCHOLARSHIP FUND**  
(2014) Gift of Class of 1989 in honor of the twentieth anniversary of their graduation.

**THE COLUMBIA COLLEGE CLASS OF 1994 SCHOLARSHIP FUND**  
(2014) Gift of the Class of 1994 in honor of the fifteenth anniversary of their graduation.

**CLASS OF 1997 SCHOLARSHIP**  
(2018) Gift of Doug Horowitz CC'97.

**THE COLUMBIA COLLEGE CLASS OF 2005 SCHOLARSHIP FUND**  
(2013) Gift of various donors in the Class of 2005.

**MICHAEL J. CLEMENS SCHOLARSHIP FUND**  
(1990) Bequest of Michael J. Clemens CC'61, GSAS'64.

**ETHEL CLYDE SCHOLARSHIP FUND**  
(1979) Bequest of Ethel Clyde GS'31, P: CC'30 ^.

**DONN COFFEE MEMORIAL SCHOLARSHIP FUND**  
(2005) Gift of Toni Coffee BC'56, W: CC'55, BUS'56.

**JOAN M. COHEN SCHOLARSHIP FUND**  
(1987) Gift of Alan N. and Joan M. Cohen Foundation.

**SANFORD M. COHEN SCHOLARSHIP FUND**  
(1996) Gift of Sanford M. Cohen CC'83.

**PETER AND JOAN COHN SCHOLARSHIP FUND**  
(2004) Gift of Peter F. Cohn CC'58, VPS'62, P: CC'93.

**COLE FUND**  
(1943) Bequest of Edward F. Cole.

**MAE AND HARRY COLE MEMORIAL FUND**  
(1965) Bequest of Harry Dix Cole CC 1913.

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

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

**THE SARAH R. COLEMAN SCHOLARSHIP FUND**

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

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

**PERRY MCDONOUGH COLLINS SCHOLARSHIP FUND**  
(1917) Bequest of Kate Collins Brown in memory of her uncle, Perry McDonough Collins.

**COLUMBIA COLLEGE ALUMNI FUND ENDOWMENT**  
(1983) Gift of various donors.

**COLUMBIA COLLEGE PRIDE SCHOLARSHIP FUND**  
(2021) Gift of various donors.

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

**COLUMBIA COLLEGE VARIOUS SCHOLARSHIPS**  
(1981) Gift of various donors.

**COLUMBIA COLLEGE WOMEN SCHOLARSHIP FUND**  
(2009) Gift of various donors.

**COLUMBIA UNIVERSITY ALUMNI CLUB OF NASSAU COUNTY SCHOLARSHIP FUND**  
(1986) Gift of the Columbia University Alumni Club of Nassau County.

**COLUMBIA UNIVERSITY CLUB FOUNDATION SCHOLARSHIP FUND**  
(1967) Gift of the Columbia University Club Foundation.

**COLUMBIA UNIVERSITY CLUB OF NEW ENGLAND SCHOLARSHIP FUND**  
(1985) Gift of various members of the Columbia University Club of New England.

**COLUMBIA UNIVERSITY FUND FOR STUDENTS**  
(2005) Bequest of Al Jolson.

**COLUMBIAN SCHOLARSHIP FUND**  
(2022) Gift of an anonymous donor.

**CON EDISON ENDOWED SCHOLARSHIP FUND**  
(2015) Gift of Consolidated Edison Company of New York, Inc.

**HARRIET WALLER CONKLIN/LILLIAN CHERNOK SABEL FUND**  
(2010) Gift of an anonymous donor.

**PARKER COOGAN MEMORIAL SCHOLARSHIP FUND**  
(2021) Gift of Amy and Timothy Coogan P: CC'20.

**COOK FAMILY FUND**  
(2011) Gift of Michael L. Cook CC'65.



**THE THOMAS AND NANCY CORNACCHIA FAMILY SCHOLARSHIP FUND**

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

**CORNACCHIA FAMILY SCHOLARSHIP FUND**

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

**CHARLES K. COSSE MEMORIAL SCHOLARSHIP FUND**

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

**PAUL AND LILLIAN COSTALLAT SCHOLARSHIP FUND**

(1972) Bequest of Lillian and Paul Costallat.

**COSTELLO FAMILY SCHOLARSHIP FUND**

(2022) Gift of Francis W. Costello CC'68, LAW'73 and Cynthia M. Costello.

**BERTHE COSTIKYAN SCHOLARSHIP FUND**

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

**CO-STONE CAPITAL SCHOLARSHIP FUND**

(2023) Gift of an anonymous donor.

**CHARLES HALSTEAD COTTINGTON SCHOLARSHIP FUND - COLUMBIA COLLEGE**

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

**LOUISE CRAIGMYLE SCHOLARSHIP FUND**

(1960) Gift of Louise Craigmyle ^.

**CHESTER W. CUTHELL CLASS OF 1905 SCHOLARSHIP FUND**

(1945) Gift of various donors in the Class of 1905 in honor of the fortieth anniversary of their graduation.

**D****FATHER JOHN K. DALY MEMORIAL SCHOLARSHIP FUND**

(2014) Gift of Arthur D. Trezise CC'50 in memory of Father John K. Daly.

**CHARLES ANDERSON DANA SCHOLARSHIP FUND**

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

**DANIAL FAMILY SCHOLARSHIP FUND**

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

**DASWANI-PATEL FAMILY SCHOLARSHIP FUND**

(2022) Gift of Sejal Daswani CC'95, SIPA'96 and Mohit Daswani CC'95.

**HORACE E. DAVENPORT FUND**

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

**VERA B. DAVID SCHOLARSHIP FUND**

(1963) Bequest of Vera B. David.

**DAVIDKHANIAN-WRIGHT FAMILY SCHOLARSHIP**

(2022) Gift of Larry Seibert Jr. CC'84, P: CC'25 and Amy Seibert P: CC'25.

**A.M. DAVIS SCHOLARSHIP FUND**

(1944) Gift of A.M. Davis ^.

**AL DAVIS SCHOLARSHIP FUND**

(2015) Gift of Hank Davis CC'63.

**ARTHUR M. DAVIS SCHOLARSHIP FUND**

(1989) Bequest of Arthur M. Davis CC 1924.

**EDWIN F. DAVIS SCHOLARSHIP FUND**

(1939) Bequest of Edwin F. Davis.

**THE PIRI AND NATE DAVIS FAMILY SCHOLARSHIP**

(2005) Gift of Stacey R. and Eugene I. Davis CC'75, SIPA'76, LAW'80, P: CC'05, CC'07.

**SARAH DAVIS FINANCIAL AID SCHOLARSHIP FUND**

(1998) Gift of Hank Davis CC'63.

**JUDGE ARCHIE DAWSON MEMORIAL SCHOLARSHIP FUND**

(1964) Gift of various donors in memory of Archie Dawson CC 1921.

**THE RAUL J. DE LOS REYES MEMORIAL SCHOLARSHIP FUND**

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

**RICHARD AND DANIELA DE LOS REYES SCHOLARSHIP FUND**

(2015) Gift of Richard N. de los Reyes CC'97.

**HERBERT A. DEANE SCHOLARSHIP FUND**

(1991) Bequest of Herbert A. Deane CC'42, GSAS'53.

**THE DEBART SCHOLARSHIP FUND - COLUMBIA COLLEGE**

(2002) Gift of J. Richard deBart GS'77.

**LEONARDO C. AND MARY M. DE MORELOS SCHOLARSHIP FUND**

(1999) Bequest of Leonardo C. De Morelos GSAS'54.

**FRANK W. DEMUTH SCHOLARSHIP FUND**

(1965) Bequest of Frank W. Demuth CC 1914, LAW 1916.

**LELAND S. DENNING SCHOLARSHIP FUND**

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

**ROBERT STEVEN DENNING SCHOLARSHIP FUND**

(2008) Gift of Roberta B. and Steven A. Denning P: CC'06.

**ROBERT STEVEN DENNING SCHOLARSHIP FUND**

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

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

(1992) Gift of Carl W. Desch CC'37, GSAS'39 ^ in memory of his wife, Katharine Desch.

#### WILLIAM B. AND ALAN TAYLOR DEVOE SCHOLARSHIP FUND

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

#### WILLIAM AND IDA H. DEWAR FINANCIAL ASSISTANCE AND SCHOLARSHIP FUND

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

#### EDWARD WILSON DEWILTON SCHOLARSHIP FUND

(1974) Bequest of Rollo Linamore DeWilton CC 1910.

#### SIDNEY R. AND ARTHUR W. DIAMOND SCHOLARSHIP FUND

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

#### LEONARD DICKSON SCHOLARSHIP FUND

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

#### GRACE AND JAMES DIGNAN FAMILY SCHOLARSHIP FUND

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

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

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

#### MARTIN DORSCH STUDENT ASSISTANCE FUND

(1978) Bequest of Martin Dorsch.

#### ROGER E. DOUNCE SCHOLARSHIP FUND

(2014) Bequest of Shirley A. Ingalls.

#### DRL FUND

(2010) Gift of an anonymous donor.

#### AVRAM DRORI SCHOLARSHIP FUND

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

#### ELIZABETH AND DANIEL DWYER SCHOLARSHIP FUND

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

#### THE DYCKMAN INSTITUTE SCHOLARSHIP FUND

(1943) Gift of the Dyckman Institute.

## E

#### EDWARD MEAD EARLE SCHOLARSHIP FUND

(1954) Bequest of Edward Mead Earle.

#### DANIEL EASTMAN SCHOLARSHIP FUND

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

#### BERIL EDELMAN MEMORIAL SCHOLARSHIP FUND

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

#### STANLEY EDELMAN SCHOLARSHIP FUND

(2000) Gift of Henry Nias Foundation.

#### DR. JAMES C. EGBERT MEMORIAL SCHOLARSHIP FUND

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

#### JOHN S. AND SARAH STONE EHLINGER SCHOLARSHIP FUND

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

#### ADOLPHUS EHRLICH SCHOLARSHIP FUND

(2011) Bequest of Adolphus O. Ehrlich.

#### THE ERIC EISNER SCHOLARSHIP FUND

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

#### ABIGAIL ELBAUM SCHOLARSHIP FUND

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

#### DANIEL GIRAUD ELLIOT FUND

(1949) Bequest of Margaret Henderson Elliot.

#### THE DAVID AND ALICE ENG FAMILY SCHOLARSHIP FUND

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

#### SOLTON ENGEL NATIONAL SCHOLARSHIP FUND

(1950) Gift of Solton Engel CC 1916 ^.

#### JEREMY G. EPSTEIN '67 SCHOLARSHIP FUND

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

#### ESPOSITO-CRANDALL FAMILY SCHOLARSHIP FUND

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

#### J. HENRY ESSER SCHOLARSHIP FUND

(2012) Gift of the Marion Esser Kaufman Foundation.

#### EXTER FAMILY SCHOLARSHIP FUND

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

## F

#### MICHAEL AND JANE DIEHL FACKENTHAL SCHOLARSHIP AND FELLOWSHIP FUND

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

#### FALK WALLACE FAMILY SCHOLARSHIP FUND

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

#### HAMEN AND PHYLLIS FAN FAMILY SCHOLARSHIP FUND

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

#### FANG FAMILY SCHOLARSHIP FUND

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

#### THOMAS AND FLORENCE FARKAS SCHOLARSHIP

(2002) Gift of Gail Farkas Munger.

#### GERALD FEINBERG MEMORIAL SCHOLARSHIP FUND

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

#### PHILIP FELDMAN SCHOLARSHIP FUND

(1985) Bequest of Philip Feldman CC 1918.

#### SYLVIA FELLER AND LUCILLE KNIPE SCHOLARSHIP FUND

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

#### FERGANG FAMILY SCHOLARSHIP FUND

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

#### E. ALVIN AND ELAINE M. FIDANQUE FUND

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

#### FINK FAMILY SCHOLARSHIP FUND

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

#### CAROL AND JOHN FINLEY SCHOLARSHIP FUND

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

#### PETER AND SUSAN FISCHBEIN FAMILY SCHOLARSHIP FUND

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

#### ANDREW L. FISHER '66 CC SCHOLARSHIP FUND

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

#### ELIZA AND CANNING FOK ENDOWED FUND FOR INTERNATIONAL STUDENT FINANCIAL AID

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

#### FORD/EEOC ENDOWMENT SCHOLARSHIP FUND - COLUMBIA COLLEGE

(2003) Gift of the Ford Motor Company.

#### SIDNEY FORSCH SCHOLARSHIP FUND

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

#### STEVEN P. AND MARGARET E. FORSTER SCHOLARSHIP FUND

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

#### MABEL V.P. SMITH FORSYTH SCHOLARSHIP FUND

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

#### GARY S. FRAGIN SCHOLARSHIP FUND

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

#### JOHN AND MAY FRASER SCHOLARSHIP FUND

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

#### JUDGE JOHN JOSEPH FREEDMAN SCHOLARSHIP FUND

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

#### DORIS AND JESSE FREIDIN SCHOLARSHIP FUND

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

#### A. ALAN FRIEDBERG SCHOLARSHIP FUND

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

#### LAWRENCE N. FRIEDLAND SCHOLARSHIP FUND

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

#### JACOB W. FRIEDMAN SCHOLARSHIP FUND

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

#### ROBERT AND BARBARA FRIEDMAN SCHOLARSHIP FUND

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

#### GORDON BROOKS FULCHER, JR. SCHOLARSHIP FUND

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

#### FUND DEVELOPMENT COUNCIL DC SCHOLARSHIP FUND

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

#### PHILIP FUSCO MEMORIAL SCHOLARSHIP FUND

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

## G

#### GAGUINE SCHOLARSHIP FUND

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

#### STUART GARCIA MEMORIAL SCHOLARSHIP FUND

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

#### DOUGLAS B. GARDNER SCHOLARSHIP FUND

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

#### GEHRIG SCHOLARSHIP FUND

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

#### GEORGE AUGUSTUS GEIGER SCHOLARSHIP FUND

(1976) Bequest of Louise L. Geiger.

#### PATRICIA DYKEMA GEISLER SCHOLARSHIP FUND

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

#### GERMAN SOCIETY OF THE CITY OF NEW YORK SCHOLARSHIP FUND

(2002) Gift of the German Society of the City of New York.

#### WILLIAM HENRY GIBSON SCHOLARSHIP FUND

(1927) Gift of Honoro Gibson Pelton in memory of her father, William Henry Gibson CC 1875.

#### ARTHUR A. GLADSTONE ENDOWED SCHOLARSHIP FUND

(2009) Bequest of Arthur A. Gladstone CC'32, LAW'34.

#### JOSEPH E. GLASS, JR. SCHOLARSHIP FUND

(1996) Gift of Christopher K. Tahbaz CC'86, LAW'90 and various donors in memory of Joseph Glass CC'86, SIPA'90.

#### THOMAS GLOCER SCHOLARSHIP FUND

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

#### GM/EEOC ENDOWMENT SCHOLARSHIP FUND - COLUMBIA COLLEGE

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

#### ABRAHAM AND LEE GOLDEN SCHOLARSHIP FUND

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

#### GOLDEN FUTURE SCHOLARSHIP FUND

(2012) Gift of an anonymous donor.

#### CHARLES AND JANE GOLDMAN SCHOLARSHIP FUND

(1993) Gift of Charles N. Goldman CC'53, LAW'55.

#### GOLDSCHMIDT FAMILY SCHOLARSHIP FUND

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

#### ERIC AND TAMAR GOLDSTEIN SCHOLARSHIP FUND

(2006) Gift of Eric S. Goldstein CC'80, P: CC'15, CC'18, CC'25, BC'19, BUS'20.

#### THE CARTER GOLEMBE SCHOLARSHIP FUND

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

#### JOHN P. GOMMES SCHOLARSHIP FUND

(2011) Gift of Thomas D. Gommès CC'98, LAW'02, JRN'06 in honor of his father, John P. Gommès P: CC'98, LAW'02, JRN'06.

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

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

#### EMANUEL GOODMAN SCHOLARSHIP FUND

(1989) Bequest of Emanuel Goodman JRN 1922.

#### ALAN GORNICK SCHOLARSHIP FUND

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

#### EUGENE AND PHYLLIS GOTTFRIED SCHOLARSHIP FUND

(2013) Gift of Eugene L. Gottfried CC'50, VPS'54 and Phyllis Swain Gottfried ^.

#### FRANKLIN AND IRENE GOULD SCHOLARSHIP FUND

(2015) Bequest of Franklin N. Gould CC'40.

#### THE SARAH E. GRANT SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(2007) Gift of Annette M. Grant BC'83, P: CC'12, CC'17, CC'18, SEAS'20 and Geoffrey T. Grant SEAS'82, P: CC'12, CC'17, CC'18, SEAS'20.

#### NICHOLAS GREAN SCHOLARSHIP FUND

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

#### GREATER NEW YORK MUTUAL INSURANCE COMPANY FUND

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

#### GREENWOODS SCHOLARSHIP FUND

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

#### DONALD P. GREET FUND

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

#### THE GEOFFREY E. GROSSMAN SCHOLARSHIP FUND

(2007) Gift of Geoffrey E. Grossman CC'08, GSAS'11.

#### THE MATTHEW C. GROSSMAN SCHOLARSHIP FUND

(2007) Gift of Matthew C. Grossman CC'05, GSAS'07.

#### THE SHARON AND PETER GROSSMAN FAMILY SCHOLARSHIP

(2005) Gift of Sharon and Peter A. Grossman CC'79, P: CC'05, CC'08, GSAS'07, GSAS'11.

#### PETER GRUENBERGER FAMILY SCHOLARSHIP FUND

(2000) Gift of Peter Gruenberger CC'58, LAW'61.

#### GRUENSTEIN FAMILY SCHOLARSHIP FUND

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

#### WALTER GUENSCH SCHOLARSHIP FUND

(2001) Gift of Walter A. Guensch CC'39 ^.

#### LEE AND ELIZABETH GUITTAR SCHOLARSHIP FUND

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

#### SUNIL K. GULATI SCHOLARSHIP FUND



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

#### H. HAROLD GUMM AND ALBERT VON TILZER SCHOLARSHIP FUND

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

#### GURIAN FAMILY SCHOLARSHIP FUND

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

#### LAWRENCE GUSSMAN COLUMBIA COLLEGE SCHOLARSHIP FUND

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

## H

#### G. HENRY HALL FUND

(1915) Bequest of George Henry Hall.

#### SEWARD HENRY HALL SCHOLARSHIP FUND

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

#### ALBERT J. HAMBRET FUND

(1969) Bequest of Albert J. Hambret.

#### ALEXANDER HAMILTON SCHOLARSHIP FUND

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

#### GEORGE HAMMOND SCHOLARSHIP FUND AT COLUMBIA COLLEGE

(2004) Bequest of George Hammond CC 1928.

#### JINDUK HAN AND FAMILY SCHOLARSHIP FUND

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

#### ELLEN KING HAND MEMORIAL FUND

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

#### HAO FAMILY SCHOLARSHIP FUND

(2015) Gift of Kenneth Hao.

#### JAMES RENWICK HARRISON SCHOLARSHIP FUND

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

#### PROFESSOR C. LOWELL HARRISS SCHOLARSHIP FUND

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

#### VIRGINIA HARROLD SCHOLARSHIP

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

#### LAWRENCE S. HARTE SCHOLARSHIP FUND

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

#### THE PETER AND HILARY HATCH SCHOLARSHIP FUND

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

#### PERCY D. HAUGHTON MEMORIAL FUND

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

#### HENRY FIELD HAVILAND SCHOLARSHIP FUND

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

#### DEAN HERBERT E. HAWKES MEMORIAL FUND

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

#### DEAN HERBERT E. HAWKES MEMORIAL SCHOLARSHIP FUND

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

#### CHARLES HAYDEN MEMORIAL SCHOLARSHIP FUND

(1945) Gift of the Charles Hayden Foundation.

#### WILLIAM RANDOLPH HEARST FOUNDATION SCHOLARSHIP FUND

(1984) Gift of the William Randolph Hearst Foundation.

#### THE ROBERT M. HECKER SCHOLARSHIP FUND

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

#### JOSEPH AND MARION HEFFERNAN SCHOLARSHIP FUND

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

#### HELLENIC STUDENT FUND

(2013) Gift of an anonymous donor.

#### M. AND M. HERMAN SCHOLARSHIP FUND

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

#### STEPHEN A. HERMIDES SCHOLARSHIP FUND

(1983) Bequest of Stephen A. Hermides.

#### RICHARD HERPERS MEMORIAL SCHOLARSHIP FUND

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

#### DAVID B. HERTZ COLLEGE/ENGINEERING INTERSCHOOL SCHOLARSHIP FUND

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

#### OREN C. HERWITZ 1930 MEMORIAL ENDOWED SCHOLARSHIP FUND

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

#### ANDREW L. HERZ SCHOLARSHIP FUND

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

#### ROBERT IRWIN HERZ MEMORIAL FUND



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

#### ABRAM S. HEWITT SCHOLARSHIP FUND

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

#### PROFESSOR GEORGE W. HIBBITT MEMORIAL SCHOLARSHIP FUND

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

#### RICHARD AND CHRISTIANE HIEGEL SCHOLARSHIP FUND

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

#### NORMAN HILDES-HEIM FUND

(2013) Gift of the Hildes-Heim Foundation.

#### DAVID AND NANCY HILLIS SCHOLARSHIP FUND

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

#### MARI HINOJOSA & SEAN HECKER SCHOLARSHIP

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

#### FERNAND AND REBECCA HIRSCH SCHOLARSHIP FUND

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

#### PATRICIA ELLEN HIRSCH SCHOLARSHIP FUND

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

#### ALLAN HOBEN SCHOLARSHIP FUND

(2021) Gift of Allan Hoben CC'56.

#### CHARLES F. HOELZER JR., MEMORIAL SCHOLARSHIP FUND

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

#### HOFFEN FAMILY SCHOLARSHIP FUND

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

#### ROBERTA L. AND JOEL S. HOFFMAN SCHOLARSHIP FUND

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

#### FRANK AND MARY HOGAN SCHOLARSHIP FUND

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

#### JUANITA AND JAMES DAVID HOLLAND SCHOLARSHIP FUND

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

#### HONG KONG ALUMNI ASSOCIATION SCHOLARSHIP FUND

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

#### JAMES T. HORN SCHOLARSHIP FUND

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

#### DAVID H. HOROWITZ SCHOLARSHIP FUND

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

#### ELISSA HOROWITZ SCHOLARSHIP FUND

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

#### FELICIA AND BEN HOROWITZ SCHOLARSHIP FUND

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

#### LIBBY HOROWITZ SCHOLARSHIP FUND

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

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

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

#### JENNIFER HSIA AND WAQAS SHAIKH FAMILY SCHOLARSHIP

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

#### HTZ FOUNDATION SCHOLARSHIP FUND

(2022) Gift of Mr. Haitao Zhai SIPA'00, P: CC'25 and Ms. Hua Qiao P: CC'25.

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

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

#### FREDERICK W. HUBER SCHOLARSHIP FUND

(1924) Gift of Frederick W. Huber.

#### JOHN L. HUEMER SCHOLARSHIP FUND

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

#### THE MICHAEL AND BETH HUGHES FAMILY ENDOWED SCHOLARSHIP FUND

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

#### HUMANITIES SCHOLARSHIP FUND IN HONOR OF JACQUES BARZUN

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

#### JACINTA AND ALVIN HUNG SCHOLARSHIP FUND

(2022) Gift of Alvin Hung CC'97 and Jacinta Lam SEAS'97.

#### HAROLD M. STEWART AND MARY STEWART HUTCHENS ENDOWMENT FUND

(2013) Bequest of Mary Steward Hutchens.

#### FRANK AND JOSEPHINE HUTTER FAMILY SCHOLARSHIP FUND

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

#### ALLEN HYMAN SCHOLARSHIP FUND

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

#### ANDREW HYMAN AND MOLLY CHREIN SCHOLARSHIP FUND

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

### I

#### THE CASEY ICHNIEWSKI MEMORIAL FUND

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

#### HELEN K. IKELER SCHOLARSHIP FUND

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

#### ANTHONY M. IMPARATO, M.D. SCHOLARSHIP FUND

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

#### ORRIN C. ISBELL FUND

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

### J

#### MARTIN D. JACOBS MEMORIAL FUND

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

#### JACOBSON BERLINSKI FAMILY SCHOLARSHIP FUND

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

#### HOWARD I. JACOBY PRESIDENTIAL SCHOLARSHIP FUND

(1981) Bequest of Jacob J. Jacoby.

#### JAFFE FAMILY SCHOLARSHIP FUND

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

#### GEORGE M. JAFFIN SCHOLARSHIP FUND

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

#### DOROTHEA JAMESON AND LEO M. HURVICH SCHOLARSHIP FUND

(2011) Bequest of Leo M. Hurvich.

#### JAVDAN FAMILY SCHOLARSHIP

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

#### THE LANCY C. JEN SCHOLARSHIP FUND

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

#### JI LIU SCHOLARSHIP FUND

(2023) Gift of Mr. Ji Liu P: CC'26 and Ms. Qingqi Wang P: CC'26.

#### JM SCHOLARSHIP FUND

(2009) Gift of an anonymous donor.

#### THE CLARENCE C. JOCHUM SCHOLARSHIP FUND

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

#### FREDERICK R. JOHNSON FUND

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

#### PETER V. JOHNSON MEMORIAL SCHOLARSHIP FUND

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

#### RICK AND LEE JOHNSON MEMORIAL SCHOLARSHIP FUND

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

#### ROBERT K. JOHNSON SCHOLARSHIP FUND

(2023) Gift of the Robert K. Johnson Foundation.

#### EDWARD W. JOHNSTON FUND

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

#### AL JOLSON FUND

(1962) Bequest of Al Jolson.

#### CLAYTON E. JONES SCHOLARSHIP FUND

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

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

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

#### THEODORE H. JOSEPH CLASS OF 1898 GRADUATE ASSISTANCE FUND

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

#### MIKE JUPKA, JR., MEMORIAL SCHOLARSHIP FUND

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

### K

#### SIDNEY AND HELEN KADISH SCHOLARSHIP FUND

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

#### THEODORE KAHAN SCHOLARSHIP FUND

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

#### ALAN R. KAHN FAMILY SCHOLARSHIP FUND

(1999) Gift of Alan R. Kahn CC'59, P: CC'95, GS'05.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**AHNA KIM SCHOLARSHIP FUND**  
(2018) Gift of Jihyun Yu and Yong Kim CC'93.

**ARTHUR DAE KIM FAMILY SCHOLARSHIP FUND**  
(2020) Gift of Christine L. Ku and Arthur D. Kim CC'95, P: CC'23.

**ROBIN-HWAJIN YOON KIM SCHOLARSHIP**  
(2021) Gift of Robin-Hwajin Y. Kim P: CC'23.

**SANG AND BORAH KIM FAMILY SCHOLARSHIP FUND**  
(2014) Gift of Borah and Sang Kim CC'92, P: CC'25, CC'26.

**THE MARK AND ANLA CHENG KINGDON FUND**

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

#### GRAYSON KIRK SCHOLARSHIP FUND

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

#### KLINGENSMITH FAMILY SCHOLARSHIP FUND

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

#### KN SCHOLARSHIP FUND GIFT

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

#### JEFFREY D. KNOWLES SCHOLARSHIP

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

#### LAWRENCE AND RUTH KOBRIN SCHOLARSHIP FUND

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

#### DR. RUTH M. KOCH SCHOLARSHIP FUND

(2006) Bequest of Ruth M. Koch.

#### KOD SCHOLARSHIP

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

#### JASON AND LANI KOLLANDER SCHOLARSHIP FUND

(2022) Gift of Melanie Bryk BC'03 and Jason Kollander.

#### HAROLD KORZENIK SCHOLARSHIP FUND

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

#### THE HAROLD AND ROSE KOVNER SCHOLARSHIP FUND

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

#### DAVID H. KRAFT SCHOLARSHIP FUND

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

#### ROBERT KRAFT FAMILY SCHOLARSHIP FUND

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

#### KRAMER ENDOWED SCHOLARSHIP FUND

(1965) Gift of the Kramer Foundation.

#### ROBERT J. KRANE AND JULIUS Y. GRAFF SCHOLARSHIP FUND

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

#### MARCY AND JOSH KREVITT SCHOLARSHIP FUND

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

#### THE KRISBERG FAMILY SCHOLARSHIP

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

#### JOSEPH WOOD KRUTCH SCHOLARSHIP FUND #2

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

#### RICK KURNIT AND DIANE KATZIN SCHOLARSHIP FUND

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

#### RENU KUMAR SCHOLARSHIP

(2022) Gift of Mr. Monish Kumar SIPA'95, P: CC'25 and Ms. Sumita Bhattacharya BUS'95, P: CC'25.

#### THE KUNG AND YEUNG SCHOLARSHIP FUND

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

#### PAUL SAMUEL KURZWEIL SCHOLARSHIP FUND

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

#### KUMA/KUZNETSOV SCHOLARSHIP FUND

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

## L

#### LAACU ENDOWED SCHOLARSHIP FUND

(2015) Gift of various donors.

#### PREM LACHMAN SCHOLARSHIP FUND

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

#### AMNON AND Yael LANDAN SCHOLARSHIP FUND

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

#### NORMAN JOSEPH LANDAU SCHOLARSHIP FUND

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

#### JERRY G. LANDAUER SCHOLARSHIP FUND

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

#### PATRICIA LANDMAN AND DANIELLE LANDMAN MEMORIAL FUND

(2007) Bequest of Shirley Landman.

#### LANG FAMILY SCHOLARSHIP

(2022) Gift of Dr. Grace Lang CC'93 and Mr. Gregory Lang CC'93.

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

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

#### CHRISTOPHER JOHN LANNI MEMORIAL SCHOLARSHIP

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



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

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

**PETER I. B. LAVAN SCHOLARSHIP FUND**

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

**JONATHAN AND JEANNE LAVINE SCHOLARSHIP FUND**

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

**LAVINE FAMILY SCHOLARSHIP FUND**

(2020) Gift of Jonathan S. Lavine CC'88, P: CC'16, CC'18 and Jeannie Lavine P: CC'16, CC'18.

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

(1995) Gift of Eve Lebowitz ^.

**PAUL LAZARE SCHOLARSHIP FUND**

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

**HARRY R. LEA SCHOLARSHIP FUND**

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

**ESTELLE LEAVY SCHOLARSHIP FUND**

(1984) Bequest of Estelle Leavy.

**THE LEE FAMILY SCHOLARSHIP FUND**

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

**DANIEL AND JAMIE JAE MYOUNG LEE SCHOLARSHIP  
FUND**

(2022) Gift of Daniel H. Lee P: CC'26 and Jae Myoung Lee P: CC'26.

**DANNY L. LEE SCHOLARSHIP FUND**

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

**DAVID J. LEE AND FAMILY SCHOLARSHIP FUND**

(2022) Gift of David J. Lee CC'96.

**FRANK LAMPSON LEE SCHOLARSHIP FUND**

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

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

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

**KAI-FU AND SHEN-LING LEE SCHOLARSHIP FUND**

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

**K. C. LEE SCHOLARSHIP FUND**

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

**MICHAEL LEE FAMILY SCHOLARSHIP FUND**

(2021) Gift of Michael Lee CC'96.

**SUNG AND FUMI LEE SCHOLARSHIP FUND**

(2018) Gift of Sung Lee BUS'94.

**ROBERT AND ALISON LEE FAMILY SCHOLARSHIP  
FUND**

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

**ERWIN H. LEIWANT SCHOLARSHIP FUND**

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

**NICHOLAS LEONE FAMILY SCHOLARSHIP FUND**

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

**HAROLD LEVENTHAL SCHOLARSHIP FUND**

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

**THE LEVINE FAMILY SCHOLARSHIP FUND**

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

**LEONARD LEVINE SCHOLARSHIP FUND**

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

**JOHN TAYLOR LEWIS SCHOLARSHIP FUND**

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

**THE RICHARD AND KUO-LIANG LIN SCHOLARSHIP**

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

**SALLY LIPPER MEMORIAL SCHOLARSHIP**

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

**LOU LITTLE SCHOLARSHIP FUND**

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

**CATHERINE LIVINGSTON AND FRANK GORDON  
SCHOLARSHIP FUND**

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

**FRANK A. LLOYD, JR. SCHOLARSHIP FUND**

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

**HARRY LEON LOBSENZ SCHOLARSHIP FUND**

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

**DANIEL S. LOEB SCHOLARSHIP FUND**

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

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



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

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

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

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

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

**LORENZO FAMILY SCHOLARSHIP FUND**

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

**OLEGARIO LORENZO MEMORIAL SCHOLARSHIP FUND**

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

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

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

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

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

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

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

**LUI FAMILY SCHOLARSHIP**

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

**LYON STUDENT SCHOLARSHIP FUND FOR COLUMBIA COLLEGE**

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

**M**

**M&BG SCHOLARSHIP FUND**

(2006) Gift of an anonymous donor.

**RICHARD C. AND LINAN MA SCHOLARSHIP FUND**

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

**THOMAS MACIOCE SCHOLARSHIP FUND**

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

**THE MADDON FAMILY SCIENCE SCHOLARSHIP FUND**

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

**DR. LEO C. MAITLAND SCHOLARSHIP FUND**

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

**MALIN-SERLE FAMILY SCHOLARSHIP FUND**

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

**DONALD LEE MARGOLIS SCHOLARSHIP FUND**

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

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

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

**ALFRED E. MARLING SCHOLARSHIP FUND**

(1938) Bequest of Alfred E. Marling.

**HERBERT MARK '42 MEMORIAL SCHOLARSHIP FUND**

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

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

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

**DR. JEROME & CORA MARKS SCHOLARSHIP FUND**

(2012) Bequest of Cora M. Marks.

**MAROULIS FAMILY SCHOLARSHIP FUND**

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

**MICHAEL D. MARTOCCI SCHOLARSHIP FUND**

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

**THE AARON LEO MAYER SCHOLARSHIP FUND**

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

**R. EDWARD MAYER FUND**

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

**BARBARA MAZUR SCHOLARSHIP FUND**

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

**LOUIS K. MCCLYMONDS SCHOLARSHIP FUND**

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

**DOUGLAS H. MCCORKINDALE SCHOLARSHIP FUND**

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

**PAUL C. MCCORMICK SCHOLARSHIP FUND**

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

**WILLIAM MCDAVID SCHOLARSHIP FUND**

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

**MCFARLAND SCHOLARSHIP FUND**

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

#### PATRICK AND YVETTE MCGARRIGLE COLLEGE SCHOLARSHIP

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

#### NICHOLAS MCDOWELL MCKNIGHT SCHOLARSHIP FUND

(1962) Bequest of Carl J. McKnight.

#### SPENCER J. MCGRADY SCHOLARSHIP FUND

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

#### MABEL C. MEAD FUND

(1958) Bequest of Mabel C. Mead.

#### ROI COOPER MEGRUE FUND

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

#### LILAVATI H. MEHTA SCHOLARSHIP FUND

(2015) Gift of an anonymous donor.

#### RAPHAEL MEISELS SCHOLARSHIP FUND

(1985) Gift of Raphael Meisels CC 1921 ^.

#### MELCHER FAMILY FUND

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

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

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

#### SAMUEL AND BLANCHE MENDELSON MEMORIAL SCHOLARSHIP FUND

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

#### MESHEL FAMILY SCHOLARSHIP FUND

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

#### CHARLES AND JEANNE METZNER SCHOLARSHIP FUND

(2013) Bequest of Jeanne Metzner .

#### ASENATH KENYON AND DUNCAN MERRIWETHER SCHOLARSHIP FUND

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

#### ALVIN S. MICHAELSON SCHOLARSHIP FUND

(1989) Gift of Alvin S. Michaelson CC'60 in memory of his mother, Lillian S. Michaelson.

#### JOSEPH S. MIGHTOM SCHOLARSHIP FUND

(1948) Bequest of Joseph Stewart Michtom.

#### THE IRA I. MILLER FAMILY ENDOWED SCHOLARSHIP FUND

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

#### JAMES MILLER SCHOLARSHIP FUND

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

#### MAX MILLER SCHOLARSHIP FUND

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

#### MILLER-HEDIN FAMILY SCHOLARSHIP

(2008) Gift of Evan Miller CC'78.

#### MEREDITH G. MILSTEIN SCHOLARSHIP FUND

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

#### THE PHILIP AND CHERYL MILSTEIN SCHOLARSHIP FUND

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

#### SEYMOUR MILSTEIN SCHOLARSHIP FUND

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

#### THOMAS AND JOY MISTELE SCHOLARSHIP FUND

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

#### JOHN P. MITCHEL MEMORIAL FUND

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

#### VIJAY AND AUDREY MOHAN FAMILY SCHOLARSHIP FUND

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

#### MOFFAT SCHOLARSHIP FUND

(1862) Gift of William B. Moffat.

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

(1983) Gift of Helen P. Monell ^.

#### ELIZABETH WILMA MONTGOMERY SCHOLARSHIP FUND

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

#### DR. ROYAL M. MONTGOMERY SCHOLARSHIP FUND

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

#### SIDNEY MORGENBESSER MEMORIAL FUND

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

#### DR. ARTHUR M. MORRIS SCHOLARSHIP FUND

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

#### JOHN & MICHELLE MORRIS FAMILY FUND

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

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

**DAISY IRENE LUTZ MORSE MEMORIAL FUND**  
(2005) Bequest of Elizabeth B. Morse GSAS'34 and Herbert C. Morse GSAS'41, GSAS'73.

**CLARA W. MOSSLER SCHOLARSHIP FUND**  
(1999) Bequest of Harold M. Mossler in memory of his mother, Clara W. Mossler.

**THOMAS L. MOUNT SCHOLARSHIP FUND**  
(2009) Bequest of Thomas L. Mount CC'30.

**MOXIE'S CREATIVE INTELLECT SCHOLARSHIP FUND**  
(2014) Gift of Marian F.H. Wright CC'90 in memory of her mother, Nonya Rhoads Stevens Wright P: CC'90.

**MOYLAN-MEYERDIRK FAMILY SCHOLARSHIP**  
(2021) Gift of Heather Moylan Meyerdirk CC'06.

**MUKHERJEE-RUSSELL MEMORIAL FUND**  
(2010) Gift of Tanmoy Mukherjee CC'86.

**GLADYS H. MUÑOZ SCHOLARSHIP FUND**  
(1996) Gift of Carlos R. Muñoz CC'57, GSAS'61.

**STAN MUSIAL SCHOLARSHIP FUND**  
(1962) Gift of various donors in honor of Stan Musial.

## N

**THOMAS A. NACLERIO SCHOLARSHIP FUND**  
(2000) Bequest of Thomas A. Naclerio CC'33.

**ALI NAMVAR SCHOLARSHIP FUND**  
(2011) Gift of Ali Namvar CC'91.

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

**AMERICO C. NARDIS SCHOLARSHIP FUND**  
(2008) Gift of Americo C. Nardis CC'98.

**MURRAY AND BELLE NATHAN SCHOLARSHIP ENDOWMENT**  
(2011) Bequest of Belle C. and Murray L. Nathan CC'34, GS'41.

**NAWN FAMILY SCHOLARSHIP FUND**  
(2013) Gift of Christopher M. and Lori D. Nawn P: CC'16.

**THE NAYYAR FAMILY SCHOLARSHIP FUND**  
(2013) Gift of Ashok Nayyar CC'85, P: CC'20.

**THOMAS B. NEFF SCHOLARSHIP FUND**  
(1969) Gift of Thomas B. Neff CC'51, BUS'52 ^.

**THE CHARLES E. AND DOROTHY C. NEWLON SCHOLARSHIP FUND**  
(2010) Bequest of Charles E. Newlon SEAS'42.

**THE JEFFREY NEWMAN SCHOLARSHIP FUND**  
(2015) Bequest of Jeffrey A. Newman CC'67, LAW'71, P: CC'02, CC'04.

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

**NG TENG FONG SCHOLARSHIP FUND**  
(2011) Gift of Daryl Win-Kong Ng CC'01, GSAPP'10.

**NG TENG FONG SCHOLARSHIP FUND**  
(2005) Gift of Robert Chee-Siong Ng P: CC'01, CC'03, CC'12, CC'14, GSAPP'10.

**LOUIS AND MARINA NICHOLAS SCHOLARSHIP FUND**  
(1998) Gift of Socrates Nicholas CC'56.

**9/11 MEMORIAL FUND SCHOLARSHIP**  
(2002) Gift of Robert Berne CC'60, BUS'62; Mark E. Kingdon CC'71, P: CC'09, CC'16; Philip L. Milstein CC'71, P: CC'09, CC'10, BC'14, BUS'17; Richard E. Witten CC'75, P: CC'10, BUS'15, LAW'15; and various donors in memory of Richard A. Aronow CC'75, Robert M. Murach CC'78, John B. Fiorito CC'82, Seilai Khoo CC'86, Brian P. Williams CC'94, Joseph A. Della Pietra CC'99, Brooke A. Jackman CC'00, and Tyler V. Ugolyn CC'01.

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

**DAVID NORR, CLASS OF 1943 SCHOLARSHIP FUND**  
(1981) Gift of David Norr CC'43, BUS'48 ^.

**NORRY FAMILY SCHOLARSHIP FUND FOR THE COLLEGE**  
(1984) Gift of Neil J. Norry CC'59 ^, P: CC'85, LAW'86 in honor of the twenty-fifth anniversary of his graduation.

## O

**EUGENE V. OEHLERS SCHOLARSHIP FUND**  
(1994) Bequest of Josephine M. Yacavone in honor of Eugene V. Oehlers CC 1920 ^.

**ALFRED OGDEN FUND**  
(1989) Bequest of Alfred Ogden CC 1909, LAW 1912.

**SANDRA A. AND LEWIS P. (CC'36) OGLE SCHOLARSHIP FUND**  
(2004) Bequest of Sandra A. and Lewis P. Ogle CC'36.

**OMAR FAMILY SCHOLARSHIP FUND**  
(2016) Gift of Maha A. and Sharif Omar P: CC'16.

**GIDEON H. OPPENHEIMER SCHOLARSHIP FUND**

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

**GEORGE M. ORPHANOS SCHOLARSHIP FUND**

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

**BLANCHE WITTES OSHEROV SCHOLARSHIP FUND**

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

**JENNIFER MAXFIELD OSTFELD AND SCOTT D. OSTFELD FAMILY SCHOLARSHIP FUND**

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

**OUZOUNIAN FAMILY SCHOLARSHIP FUND**

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

**OZ FAMILY SCHOLARSHIP FUND**

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

**OZALTIN FAMILY SCHOLARSHIP FUND**

(2010) Gift of Nuri Ozaltin ^.

**P**

**PACKER-BAYLISS SCHOLARS**

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

**STELIOS AND ESPERANZA PAPADOPOULOS SCHOLARSHIP FUND**

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

**EMANUEL M. PAPPER AND PATRICIA M. SCHOLARSHIP FUND**

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

**MAX PAPPER SCHOLARSHIP FUND**

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

**MONTONE PARDI FAMILY SCHOLARSHIP FUND**

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

**JOHN AND MINNIE PARKER NATIONAL SCHOLARSHIP FUND GIFT**

(1960) Gift of Minnie Parker Charitable Trust.

**HERBERT AND JEANETTE PEARL SCHOLARSHIP FUND**

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

**ROBERT I. PEARLMAN SCHOLARSHIP FUND - CC**

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

**B. DAVID AND ROSANN PECK SCHOLARSHIP FUND**

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

**ROBERT L. PELZ SCHOLARSHIP FUND**

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

**ANTHONY PENALE SCHOLARSHIP FUND**

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

**HERBERT C. PENTZ SCHOLARSHIP FUND**

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

**DR. M. MURRAY AND LILLIAN PESHKIN SCHOLARSHIP FUND**

(1991) Bequest of Lillian R. Peshkin.

**DR. NIS A. PETERSEN SCHOLARSHIP FUND**

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

**WILLIAM E. PETERSEN SCHOLARSHIP FUND**

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

**THE PETITO FAMILY SCHOLARSHIP FUND**

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

**PFEFFER FAMILY INTERNATIONAL SCHOLARSHIP FUND**

(2021) Gift of John and Maria Pfeffer.

**MATT PINCUS CC'95 SCHOLARSHIP FUND**

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

**MARY ELLEN AND BRUCE EBEN PINDYCK SCHOLARSHIP FUND**

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

**FRANK R. PITT SCHOLARSHIP FUND**

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

**FRANK R. PITT SCHOLARSHIP FUND**

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

**PLANALP TREVOR FAMILY SCHOLARSHIP FUND**

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

**ELVIRA AND HAROLD POLLACK MEMORIAL SCHOLARSHIP FUND**

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

**FRED P. POMERANTZ FOUNDATION SCHOLARSHIP FUND**

(1965) Gift of Fred P. Pomerantz.

**LOUIS JOHN POPPER SCHOLARSHIP FUND**

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

**PETER POUNCEY SCHOLARSHIP FUND**

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

**LEONARD PRICE SCHOLARSHIP FUND**

(2006) Bequest of Leonard Price CC 1928.



**MARIE, CHARLES, AND WALTER PROBST MEMORIAL SCHOLARSHIP FUND**

(1968) Bequest of Marie Probst.

**PULITZER SCHOLARS FUND**

(1958) Gift of former Pulitzer Scholars.

**JOSEPH PULITZER SCHOLARSHIP FUND A**

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

**JOSEPH PULITZER SCHOLARSHIP FUND B**

(1959) Bequest of Joseph Pulitzer '52 HON.

**Q****QI KEZHAN PEACE SCHOLARSHIP FUND**

(2020) Gift of Kezhan Qi BUS'00.

**QUANDT FAMILY FUND**

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

**ROBERT T. AND MARILYN L. QUITTMAYER SCHOLARSHIP FUND**

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

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

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

**THOMAS D. RABIN SCHOLARSHIP FUND**

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

**THE AL AND SENTA RAIZEN ENDOWMENT FUND**

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

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

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

**BROOKE AND RICHARD RAPAPORT SCHOLARSHIP FUND**

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

**PROFESSOR WILLIAM H. REINMUTH SCHOLARSHIP FUND**

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

**ROSE AND SAM REISS SCHOLARSHIP FUND**

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

**HUBERT M. RELYEA SCHOLARSHIP FUND**

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

**PATRICIA REMMER BC '45 - COLUMBIA COLLEGE SCHOLARSHIP FUND**

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

**PETER C. RITCHIE, JR., SCHOLARSHIP FUND**

(1939) Bequest of Virginia J. Ritchie.

**GERALD AND MAY ELLEN RITTER MEMORIAL SCHOLARSHIP FUND**

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

**GERALD AND MAY ELLEN RITTER PRESIDENTIAL FELLOWSHIP FUND**

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

**RJM FOUNDATION SCHOLARSHIP FUND**

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

**EDWIN ROBBINS CC 1953 RESIDENTIAL SCHOLARSHIP FUND**

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

**EDWIN ROBBINS CLASS OF 1953 RESIDENTIAL SCHOLARSHIP FUND II**

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

**EDWIN ROBBINS FAMILY SCHOLARSHIP**

(2022) Gift of Clifton Robbins.

**ADELINE AND GERARD ROBERTS SCHOLARSHIP FUND**

(1979) Bequest of Adeline Roberts.

**STANLEY D. ROBINSON 47'CC 49'LAW SCHOLARSHIP FUND**

(2023) Gift of Nancy L. Robinson SW'80.

**DR. DUDLEY F. ROCHESTER SCHOLARSHIP FUND**

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

**RODIN LEVINE FAMILY SCHOLARSHIP FUND**

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

**HENRY WELSH ROGERS SCHOLARSHIP FUND**

(2006) Bequest of Henry Welsh Rogers.

**HOWARD MALCOLM ROGERS SCHOLARSHIP FUND**

(1925) Bequest of Henrietta Rogers.

**ROBERT AND SARA ROONEY SCHOLARSHIP FUND**

(2014) Gift of Corinne and Robert P. Rooney CC'89, P: CC'23.



**MARIAN L. ROROS SCHOLARSHIP IN HUMANITIES**  
(2022) Gift of Dr. James K. Roros SEAS'43, SEAS'47, SEAS'55 ^.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**JOSEPH RUBIN SCHOLARSHIP FUND**

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

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

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

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

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

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

## S

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

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

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

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

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

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

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

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

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

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

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

**ALEXANDER SAUNDERS SCHOLARSHIP FUND**

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

#### LESLIE M. SAUNDERS SCHOLARSHIP FUND

(1916) Bequest of Alexander Saunders.

#### SCANDINAVIAN SCHOLARSHIP FOR SCIENTIFIC RESEARCH

(1986) Gift of an anonymous donor.

#### PETER K. SCATURRO SCHOLARSHIP FUND

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

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

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

#### SHELL-O'CONNOR FAMILY SCHOLARSHIP FUND

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

#### SCHENLEY INDUSTRIES, INC., SCHOLARSHIP FUND

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

#### JONATHAN SCHILLER SCHOLARSHIP FUND

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

#### SCHLUMBERGER FOUNDATION SCHOLARSHIP FUND

(1984) Gift of the Schlumberger Foundation.

#### IRVING SCHMEZEL SCHOLARSHIP FUND

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

#### SCHMIDTBERGER/SUNG FAMILY SCHOLARSHIP

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

#### JOHN NORBERT SCHMITT SCHOLARSHIP FUND

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

#### MILDRED AND SAMUEL SCHOLNICK SCHOLARSHIP FUND

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

#### SAMUEL AND ANNA SCHREIBER SCHOLARSHIP FUND

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

#### NEUHUT SCHWARTZ SCHOLARSHIP FUND

(2023) Gift of Dr. Rachel Neuhut Schwartz CC'03, PS'07.

#### ROBERT SCHWARZ SCHOLARSHIP FUND

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

#### GERTRUDE AND WILLIAM P. SCHWEITZER SCHOLARSHIP FUND IN THE SCIENCES

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

#### WILLIAM P. SCHWEITZER SCHOLARSHIP FUND

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

#### MARY H. SCRANTON SCHOLARSHIP FUND

(1936) Bequest of Mary N. Scranton.

#### FRANK LINWOOD AND GRACE FARRINGTON SEALY FUND

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

#### SEAVE-GREENWALD FAMILY SCHOLARSHIP FUND

(2022) Gift of Diana Greenwald CC'11.

#### THE ALBERT A. SEGNA MEMORIAL SCHOLARSHIP FUND

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

#### KARL LUDWIG SELIG SCHOLARSHIP FUND

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

#### THERESA PRINCE SEMON SCHOLARSHIP FUND

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

#### MR. AND MRS. PING LING SENG SCHOLARSHIP FUND

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

#### ARTHUR J. AND KATHERINE FLINT SHADEK SCHOLARSHIP FUND

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

#### SHAO FAMILY COLUMBIA COLLEGE SCHOLARSHIP FUND

(2022) Gift of Mr. Yang Dong Shao GSAS'93, P: CC'26 and Ms. Shirley Lei Qiu SEAS'94, P: CC'26.

#### NORMAN SHAPIRO SCHOLARSHIP FUND

(1977) Gift of Eleanor Redman Shapiro ^.

#### REUBEN SHAPIRO SCHOLARSHIP FUND

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

#### SOLOMON AND DORA MONNESS SHAPIRO SCHOLARSHIP FUND

(1952) Bequest of Dora Monness Shapiro.

#### RUBIN AND SARAH SHAPS SCHOLARSHIP FUND

(1999) Bequest of Philip P. Shaps.

#### PO-CHIEH SHAW SCHOLARSHIP FUND

(2013) Gift of Gordon Shaw BUS'92.

#### RICHARD AND CAMILLE SHEELY SCHOLARSHIP FUND

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

#### JAMES PATRICK SHENTON SCHOLARSHIP FUND

(1998) Gift of Socrates Nicholas CC'56.

#### JAMES T. SHERWIN SCHOLARSHIP FUND

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

#### EDITH SHIH SCHOLARSHIP FUND

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

#### JESSE SIEGEL SCHOLARSHIP FUND

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

#### DOROTHY O'BRIEN AND FERDINAND J. SIEGHARDT SCHOLARSHIP FUND

(1972) Bequest of Ferdinand J. Sieghardt.

#### SIDNEY J. SILBERMAN SCHOLARSHIP FUND AT COLUMBIA COLLEGE

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

#### RONALD K. SIMONS CC '82 SCHOLARSHIP

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

#### SINGH FAMILY SCHOLARSHIP FUND

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

#### LUCIANO SIRACUSANO SCHOLARSHIP FUND

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

#### MARVIN SIROT SCHOLARSHIP FUND

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

#### SAMUEL T. SKIDMORE SCHOLARSHIP FUND

(1990) Bequest of Samuel T. Skidmore.

#### JOSEPH M. SKRYPISKI SCHOLARSHIP FUND

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

#### LAWRENCE SLAUGHTER SCHOLARSHIP FUND

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

#### SMALLEY FOUNDATION SCHOLARSHIP FUND

(2019) Gift of The Smalley Foundation Inc.

#### MARCY AND SALO SMEKE SCHOLARSHIP

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

#### ERIC V. SMITH SCHOLARSHIP FUND

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

#### GLORIA KAUFMAN KLEIN SMITH SCHOLARSHIP FUND

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

#### DAVID W. SMYTH SCHOLARSHIP FUND

(1926) Gift of David W. Smyth ^.

#### THE SOLENDER FAMILY FUND

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

#### JOSEPH SOLOMON PRESIDENTIAL SCHOLARS AND FELLOWS FUND

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

#### HERBERT B. SOROCA SCHOLARSHIP FUND

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

#### THE FRITZ AND EMMA SPENGLER MEMORIAL SCHOLARSHIP FUND

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

#### SOL SPIEGELMAN SCHOLARSHIP FUND

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

#### SPINGARN FAMILY SCHOLARSHIP FUND

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

#### ARTHUR B. SPINGARN SCHOLARSHIP FUND

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

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

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

#### LISA AND DAVID STANTON FAMILY SCHOLARSHIP

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

#### C.V. STARR SCHOLARSHIP FUND AT COLUMBIA UNIVERSITY

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

#### HARRISON R. AND EDNA L. STEEVES SCHOLARSHIP FUND

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

#### ALAN AND RUTH STEIN SCHOLARSHIP FUND

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

#### ALAN W. STEINBERG SCHOLARSHIP FUND

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

#### MRS. RICHARD STEINSCHNEIDER SCHOLARSHIP FUND

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

#### MICHAEL D. STEPHENS SCHOLARSHIP FUND

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

#### HELEN M. C. AND J. EDWARD STERN BIO-MEDICAL SCHOLARSHIP FUND

(1996) Gift of the J. Edward and Helen M.C. Stern Foundation.

#### HERBERT B. STERN SCHOLARSHIP FUND

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

#### WARREN AND SUSAN STERN FAMILY SCHOLARSHIP FUND

(2014) Gift of Warren R. Stern CC'74.

#### ARNOLD AND MATILE STIEFEL SCHOLARSHIP FUND

(1948) Bequest of Matile L. Stiefel.

#### MORTIMER AND HORTENSE STIEFEL FUND

(1988) Bequest of Hortense H. Stiefel

#### ROBERT S. (1959C) AND MARCIA B. STONE SCHOLARSHIP FUND

(1992) Gift of Robert S. Stone CC'59, P: CC'91; Chester I. Stone CC'67; and Phyllis B. Stone CC'91.

#### LUDWIG STROSS SCHOLARSHIP FUND

(1943) Gift of Ines Stross in memory of her husband, Ludwig Stross.

#### ARTHUR HAYS SULZBERGER SCHOLARSHIP FUND

(1963) Gift of Arthur H. Sulzberger CC 1913, '59 HON ^, P: CC'51.

#### SOLON E. SUMMERFIELD FOUNDATION INC., SCHOLARSHIP FUND

(1956) Gift of the Solon E. Summerfield Foundation, Inc.

#### BERNARD AND MARJORIE SUNSHINE SCHOLARSHIP

(2002) Gift of Bernard Sunshine CC'46, P: CC'79, GSAS'83, GSAS'89, GSAS'91 and Marjorie H. Sunshine LS'69, P: CC'79, GSAS'83, GSAS'89, GSAS'91.

#### SUSTAINABLE DEVELOPMENT SCHOLARSHIP ENDOWMENT FUND

(2010) Gift of Joseph H. Ellis CC'64 and Barbara Ellis BC'64, GSAS'65.

#### SWERGOLD FAMILY SCHOLARSHIP FUND

(1990) Gift of Leopold Swergold CC'62.

#### ANNA WARE AND MACRAE SYKES SCHOLARSHIP FUND

(1963) Gift of Macrae Sykes CC'33 ^ in honor of his mother, Anna G. Collins ^ P: CC'33 ^.

#### SZAKMARY FAMILY SCHOLARSHIP

(2022) Gift of Dr. Gary Szakmary CC'72, P: CC'04 and Mrs. Katharina Szakmary P: CC'04.

#### ROBERT J. SZARNICKI FAMILY SCHOLARSHIP FUND

(2000) Gift of Robert J. Szarnicki CC'65 ^.

#### AGNES CHI-CHEN LIN SZE COLUMBIA BUSINESS SCHOOL CLASS OF 1945 SCHOLARSHIP FUND

(2015) Gift of Morgan Sze in memory of his mother, Agnes C. Lin Sze BUS'45.

#### THE LEAH G. AND CHRISTOPHER K. TAHBAZ FAMILY SCHOLARSHIP FUND

(2015) Gift of Christopher K. Tahbaz CC'86, LAW'90.

#### DANIEL TAMKIN AND CINDY CARDINAL SCHOLARSHIP FUND

(2009) Gift of Daniel S. Tamkin CC'81, P: CC'12 and Lucinda M. Cardinal BC'83, P: CC'12.

#### THE ANGELO TARALLO MEMORIAL SCHOLARSHIP FUND

(2005) Gift of Patricia Tarallo W: CC'61, LAW'64.

#### ABRAHAM TAUB SCHOLARSHIP FUND

(1991) Bequest of Abraham Taub CP 1922, GSAS 1927.

#### WALLACE TAYLOR MEMORIAL SCHOLARSHIP FUND

(1992) Gift of the Senior Society of Sachems in honor of the seventy-fifth anniversary of its founding and the alumnus credited with founding the society, Wallace Taylor CC 1916 ^.

#### WILLIAM TOWSON TAYLOR SCHOLARSHIP FUND

(1976) Bequest of William T. Taylor CC 1921, LAW 1923 and gift of various donors in his memory.

#### DR. JOSEPH F. TEDESCO SCHOLARSHIP FUND

(2004) Bequest of Vera L. Tedesco.

#### TEPLER FAMILY SCHOLARSHIP FUND

(2013) Gift of Isidore Tepler CC'76, P: CC'18.

#### PAWAN AND SHRUTI TEWARI FAMILY GOLDMAN SACHS SCHOLARSHIP FUND

(2019) Gift of Pawan Tewari BUS'94, P: CC'20 and Shruti Tewari SIPA'94, P: CC'20.

#### FRANKLIN A. THOMAS SCHOLARSHIP FUND

(2008) Gift of Franklin A. Thomas CC'56, LAW'63, '79 HON.

#### BRIAN AND SABINE THOMSON FAMILY SCHOLARSHIP FUND

(2017) Gift of Brian J. Thomson CC'89.

#### EDGAR G. THOMSEN SCHOLARSHIP FUND

(1973) Bequest of Grace Brinkerhoff Thomassen in memory of her husband, Edgar G. Thomssen CC 1907.

#### BLANCHE S. THORMAN SCHOLARSHIP FUND

(1972) Bequest of Blanche S. Thorman.

#### THE ISABEL AND IRVING N. TOLKIN MEMORIAL SCHOLARSHIP FUND

(1983) Gift of Isabel Tolkin ^ P: CC'54, CC'60, GSAPP'62 and various donors in memory of Isabel's husband, Irving N. Tolkin P: CC'54, CC'60, GSAPP'62, and later renamed in memory of Isabel and Irving.

#### LAURIE J. AND JEFFREY D. TOLKIN SCHOLARSHIP FUND

(2000) Gift of Jeffrey D. Tolkin CC'79, LAW'81 and Laurie J. Tolkin BC'79, DM'83.

## T



**LILLIAN AND TRYGVE H. TONNESSEN SCHOLARSHIP FUND**

(1989) Gift of Trygve H. Tonnessen CC'39, GSAS'51 ^.

**ELIZA TRIPP MEMORIAL SCHOLARSHIP FUND**

(1979) Bequest of W. Arthur Tripp CC 1909.

**LOTTIE A. TRIPP SCHOLARSHIP FUND**

(1979) Bequest of W. Arthur Tripp CC 1909.

**MARGUERITE AND JOSEPH A. TRISKA MEMORIAL SCHOLARSHIP FUND**

(1983) Gift of Theodore H. Elliott.

**TRUST BRIDGE PARTNERS SCHOLARSHIP FUND**

(2009) Gift of Shujun Li.

**KYRIAKOS TSAKOPOULOS SCHOLARSHIP FUND IN HONOR OF EUGENE ROSSIDES**

(2005) Gift of Kyriakos Tsakopoulos CC'93 in honor of his grandfather, Kyriakos Tsakopoulos.

**THE TUKMAN FAMILY SCHOLARSHIP FUND**

(2007) Gift of Lois and Melvin Tukman P: CC'89, BUS'98.

**TUNG FAMILY SCHOLARSHIP FUND**

(2023) Gift of Chiu Fai Tung P: CC'25.

**ANTHONY AND AMY TUTRONE SCHOLARSHIP**

(2019) Gift of Amy and Anthony D. Tutrone CC'86.

**25TH REUNION SCHOLARSHIP**

(2017) Gift of various donors in honor of the twenty-fifth anniversary of their graduation.

**ARTHUR S. TWITCHELL SCHOLARSHIP FUND**

(1995) Bequest of Arthur C. Twitchell.

**U****NERGIS DARIUS UDWADIA SCHOLARSHIP FUND**

(2023) Gift of Navroz Darius Udwadia CC'97.

**US STEEL SCHOLARSHIP FUND**

(2002) Gift of USX.

**V****VAN AMRINGE SCHOLARSHIP FUND IN COLUMBIA COLLEGE**

(1957) Bequest of Emily Buch.

**SAMUEL AND SUSAN VARGHESE FAMILY SCHOLARSHIP FUND**

(2014) Gift of Tajar S. Varghese CC'01.

**IVAN B. VEIT ENDOWMENT FUND**

(2005) Bequest of Ivan B. Veit CC 1928.

**SIGMUND AND MARY VIOLIN SCHOLARSHIP FUND**

(1996) Gift of George A. Violin CC'63, SIPA'66, VPS'67.

**WILLIAM F. VOELKER MEMORIAL SCHOLARSHIP FUND**

(1976) Bequest of William F. Voelker CC'42, LAW'48 and gift of various donors in his memory.

**MARY SAYER VOELLINGER SCHOLARSHIP FUND**

(2021) Gift of Mary Corley Dunn CC'98.

**DANIEL VOGEL CC00 AND SUZANNE GREENSTEIN VOGEL CC99 SCHOLARSHIP FUND**

(2021) Gift of Suzanne Greenstein Vogel CC'99 and Daniel Vogel CC'00.

**VOLLBRECHTHAUSEN FAMILY - GOLDMAN SACHS SCHOLARSHIP FUND**

(2014) Gift of Alejandro Vollbrechthausen P: CC'16.

**H. EDWARD VOLLMERS MEMORIAL SCHOLARSHIP FUND**

(1976) Gift of various donors in memory of H. Edward Vollmers CC 1920, SEAS 1922.

**FRANCES AND GUSTAVE VON GROSCHWITZ SCHOLARSHIP FUND IN ART HISTORY**

(1991) Bequest of Gustave von Groschwitz CC'26.

**W****WALDHORN FAMILY SCHOLARSHIP**

(2022) Gift of Richard E. Waldhorn CC'72.

**LEO J. WALSH MEMORIAL SCHOLARSHIP FUND**

(2006) Bequest of Leo J. Walsh CC'53, GSAS'56, GSAS'62.

**JOHN C. WALTER MEMORIAL SCHOLARSHIP FUND**

(1966) Gift of John C. Walter

**WANG FAMILY SCHOLARSHIP FUND**

(2009) Gift of Philip P. Wang CC'70, P: CC'18.

**WALTER H. WANG SCHOLARSHIP FUND**

(2022) Gift of Christopher McGowan CC'92, P: CC'24 and Sandy Wang CC'92, P: CC'24 in honor of Sandy's father.

**WILLIAM H. WARDEN MEMORIAL SCHOLARSHIP FUND**

(1996) Bequest of Dorothy Warden.

**THE WARREN FAMILY SCHOLARSHIP FUND**

(2005) Gift of Irwin H. Warren CC'71, LAW'74.

**HELEN L. WARREN SCHOLARSHIP FUND**

(2007) Bequest of Helen L. Warren TC'55 .

**GEORGE WASCHECK SCHOLARSHIP FUND**

(1990) Gift of George E. Wascheck CC 1924, SEAS 1926.

**p>WATERFIELD LITERARY SCHOLARSHIP**

(2023) Gift of Richard Rhinehart Waterfield CC'94.

**MORRIS W. WATKINS SCHOLARSHIP FUND**



(1987) Gift of William E. Collin CC 1924 ^ in honor of Morris W. Watkins CC 1924, GSAS 1928 ^.

#### ROBERT WATT SCHOLARSHIP FUND

(1976) Gift of various donors in memory of Robert W. Watt CC 1916.

#### LEONARD S. WEBER (CC '47) AND MORTON A. WEBER (CC '42) MEMORIAL SCHOLARSHIP

(2018) Bequest of Joan Weber in memory of her husband, Leonard S. Weber CC'47, and brother-in-law, Morton A. Weber CC'42.

#### GEORGE E. WEIGL SCHOLARSHIP FUND

(1982) Bequest of George E. Weigl BUS'31.

#### JOSHUA H. AND DONNA WEINER SCHOLARSHIP FUND

(1998) Gift of Joshua H. Weiner CC'36 ^ and Donna Weiner W: CC'36.

#### WEINSTEIN FAMILY SCHOLARSHIP

(2022) Gift of Stephen H. Weinstein CC'91.

#### ARTHUR S. AND MARIAN E. WEINSTOCK SCHOLARSHIP FUND

(1995) Gift of Arthur S. Weinstock CC'41^ and Marian E.K. Weinstock ^.

#### GEORGE J. AND FRANCES K. WEINSTOCK SCHOLARSHIP FUND

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

#### EDWARD S. WEISIK SCHOLARSHIP FUND

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

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

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

#### WEST END SCHOLARSHIP FUND

(1998) Gift of Katherine A. Gardner JRN'81; Kirk W. Michel BUS'79, P: BUS'15; and Joseph F. Spiegel.

#### H. A. WHEELER SCHOLARSHIP FUND

(1923) Gift of H. A. Wheeler Class of 1880 Arts and Mines.

#### THE JOHN AND MARY JO WHITE SCHOLARSHIP

(2008) Gift of John W. and Mary Jo White LAW'74, P: CC'08, LAW'15.

#### JOSEPH THOMAS WIDOWFIELD SCHOLARSHIP FUND

(1994) Bequest of Joseph T. Widowfield CC'83.

#### MARK HINCKLEY WILLES SCHOLARSHIP FUND

(1989) Gift of Mark H. Willes CC'63, BUS'67.

#### THE WILLNER FAMILY SCHOLARSHIP FUND

(2002) Gift of Jane and David Bloomgarden, and Joseph H. Willner VPS'77.

#### GEORGE LEO WINGSHEE MEMORIAL SCHOLARSHIP FUND

(2004) Gift of Donna W. Loo P: CC'11, GS'16.

#### RICHARD E. WITTEN SCHOLARSHIP FUND

(2005) Gift of Richard E. Witten CC'75, P: CC'10, BUS'15, LAW'15.

#### ABBEY AND ERIC WOLF FAMILY SCHOLARSHIP

(2023) Gift of Dr. Eric Jay Wolf CC'97, PS'02 and Dr. Abbey Rachel Wolf.

#### WOLF FAMILY SCHOLARSHIP FUND

(2011) Gift of Sherri P. Wolf CC'90, P: CC'21, CC'24 and Douglas R. Wolf CC'88, P: CC'21, CC'24.

#### BEN D. WOOD SCHOLARSHIP FUND

(1986) Bequest of Benjamin D. Wood CC 1922, GSAS 1924.

#### GORDON W. WOOD SCHOLARSHIP FUND

(1992) Gift of Gordon W. Wood CC'43, SEAS'48 ^.

#### WALTER WOODS SCHOLARSHIP FUND

(1997) Bequest of Norma E. Woods in memory of her husband, Walter Woods.

#### THE WOODWORTH FAMILY SCHOLARSHIP FUND

(2021) Bequest of Jay Woodworth CC'65, BUS'67 ^.

#### KENNETH AND THOMAS WRIGHT SCHOLARSHIP FUND

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

#### DAVID WU AND FRED WANG FUND

(2010) Gift of Fred W. Wang SEAS'95 and Weiming D. Wu SEAS'02.

#### THE WU AND YAN FAMILY SCHOLARSHIP FUND

(2023) Gift of The Wu and Yan Family Foundation.

## X

#### XU FAMILY SCHOLARSHIP FUND

(2014) Gift of an anonymous donor.

#### LIU XU SCHOLARSHIP FUND

(2006) Gift of an anonymous donor.

## Y

#### PHILIP C. YACOS MEMORIAL SCHOLARSHIP FUND

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

#### YAGODA FAMILY SCHOLARSHIP FUND

(2016) Gift of Scott R. Yagoda CC'86, LAW'92, P: CC'20, CC'25.

#### FREDERIC AND ANNA YANG SCHOLARSHIP FUND

(2015) Gift of Hong A. Yang BUS'98 and Frederic S. Yang BUS'97.

**HEIDI YANG-VEN SCHOLARSHIP FUND**

(2021) Gift of Heidi Yang CC'93.

**YATRAKIS SCHOLARSHIP FUND**

(2009) Gift of Demetrios P. Yatrakis CC'05, BUS'10.

**ONG YEE SCHOLARSHIP FUND**

(2010) Gift of Danny O. Yee CC'77, P: CC'15 and Stephanie W. Yee PS'82, P: CC'15.

**YEH AND CHU FAMILY SCHOLARSHIP**

(2022) Gift of Huoy Yeh and Sherman Chu CC'82, SEAS'83.

**KENNETH YIM FAMILY FUND**

(2011) Gift of Kenneth K.L. Yim SEAS'73, BUS'75, P: CC'11, SEAS'10.

**SAMUEL YIN SCHOLARSHIP FUND**

(2005) Gift of Samuel Yin CC'76.

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

(2000) Gift of Samuel Yin CC'76.

**THE WILLIAM H. YOKEL SCHOLARSHIP FUND**

(2007) Bequest of William H. Yokel CC'44.

**YOON FAMILY SCHOLARSHIP FUND**

(2022) Gift of Mr. Suk Joong Yoon CC'93 and Ms. Yiyoung Kim.

**YOUNG ALUMNI SCHOLARSHIP FUND**

(2016) Gift of young alumni from Columbia College.

**YIU FAMILY SCHOLARSHIP FUND**

(2021) Gift of Yuk Wai Lam and Michael Yiu P: CC'23.

**THE YU FAMILY FUND**

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

**YU FAMILY SCHOLARSHIP FUND**

(2014) Gift of Raymond Yu CC'89, SEAS'90, P: CC'21, CC'23, CC'25 and Amy H. Yu TC'07, TC'12, P: CC'21, CC'23, CC'25 and Bong Y. ^ and May W. Yu P: CC'88, CC'89, SEAS'90.

**BONG AND MAY YU SCHOLARSHIP FUND**

(2016) Gift of Bong Y. ^ and May W. Yu P: CC'88, CC'89, SEAS'90.

**RAYMOND YU AND DR. YA-NING (AMY) HSU SCHOLARSHIP FUND**

(2019) Gift of Raymond Yu CC'89, SEAS'90, P: CC'21, CC'23, CC'25 and Amy H. Yu TC'07, TC'12, P: CC'21, CC'23, CC'25.

**TUNG LI AND HUI HSI YUAN MEMORIAL SCHOLARSHIP FUND**

(1967) Gifts of various donors in memory of Tung Li Yuan CC 1922 and later renamed in memory of Hui Hsi and Tung Li Yuan CC 1922.

**Z****VICTOR AND BETTY ZARO SCHOLARSHIP FUND**

(1995) Gift of Victor J. Zaro CC'42 ^.

**TIMOTHY ZARO SCHOLARSHIP FUND**

(1998) Gift of Victor J. Zaro CC'42 ^ in honor of Timothy Zaro.

**VICTOR J. ZARO SCHOLARSHIP FUND**

(1996) Gift of Victor J. Zaro CC'42 ^.

**JESSICA ZAUNER MEMORIAL SCHOLARSHIP FUND**

(2006) Gift of Anton Zauner CC'73, BUS'75, P: CC'08 ^, BUS'11 and Anna E. Zauner GS'79, P: CC'08 ^, BUS'11 in memory of their daughter, Jessica Zauner CC'08.

**JOSEPH C. ZAVATT SCHOLARSHIP FUND—COLUMBIA COLLEGE**

(2006) Bequest of Anna Maas Zavatt in memory of her husband, Joseph C. Zavatt CC 1922, LAW 1924.

**ZBT—STANLEY I. FISHEL, CC'34 SCHOLARSHIP FUND**

(2004) Gift of Delta ZBT Corporation.

**FRANK JOSEPH ZDENOVEC SCHOLARSHIP FUND**

(1949) Bequest of Frank J. Zdenovec.

**ZEPHYR SCHOLARSHIP FUND**

(2022) Gift of an anonymous donor.

**MITCHELL ZHANG SCHOLARSHIP**

(2022) Gift of Mitchell Zhang CC'17.

**THE ZICKLER FAMILY SCHOLARSHIP FUND**

(2008) Gift of Leo E. Zickler CC'58.

**PEARL AND ARTHUR ZIPSER SCHOLARSHIP**

(2022) Gift of Dr. Nina Zipser CC'94 and Mr. David Laibson.

**DAVID AND RAY MOONEY ZWERLING SCHOLARSHIP FUND**

(1991) Gift of L. Steven Zwerling CC'60, GSAS'61 and Leonard J. Zwerling CC'65 in honor of their parents, Ray M. and David Zwerling P: CC'60, CC'65, GSAS'61, on their anniversary.

*^ Deceased; P: Parent; W: Widow*

# ACADEMIC REQUIREMENTS

**In order to graduate from Columbia College with a Bachelor of Arts (B.A.) degree, a student must successfully complete a minimum of 124 points of academic coursework, which must include the full Core Curriculum and all requirements for a major. Additionally, a student must have earned a cumulative grade point average of 2.0 or higher to be eligible to graduate.**

Students are expected to complete the B.A. degree in eight full-time semesters. The last two semesters must be taken while enrolled in the College for study on Columbia's Morningside campus or on one of the Columbia-sponsored international programs.

## ACADEMIC CREDIT

A point of academic credit is awarded to a student for coursework based on the successful completion of a certain number of contact hours with an instructor in class and a certain number of hours of coursework done outside of class. Generally speaking, one point of academic credit denotes 14 hours of in-class work and approximately 28 hours of out-of-class work. Most undergraduate courses carry between 3 and 5 points of academic credit.

Every Columbia College student must complete 124 points of academic credit to earn the B.A. degree from Columbia College. To complete this number of credits over 8 semesters, students will need to complete an average of 15.5 credits per semester, which typically represents 4 to 5 academic courses per term (of courses that are worth between 3 and 5 points of credit each). According to the expectations of workload per credit hour noted above, a 15.5-credit academic course load will require a minimum of 46.5 hours of work per week, spent attending class and doing homework.

All courses listed in this *Bulletin* are open to Columbia College students and carry credit that can be earned toward the B.A. degree. If students are interested in courses that are not listed in this *Bulletin*, it is important that they consult their advising dean in the Berick Center for Student Advising to confirm that the course will carry credit toward the B.A. degree.

It is expected that every course that a student takes is adding to the student's education, increasing the student's knowledge, and improving the student's skills. Therefore, students may not earn credit for a course more than once, except in the case of a course that has been approved to be taken more than once (e.g., certain music performance courses, certain research courses).

- Retaking a course: If a student receives a failing grade in a course and therefore does not receive credit for it, the student

may take the class again and earn credit for the second instance of the course. In the very rare circumstance in which a student has earned credit for a course and feels it necessary to retake the course to show a stronger performance, the grades for both instances of the course will appear on the transcript, but only the first instance of the course will earn credit and only the final grade earned in the first instance of the course will count towards the overall GPA as measured by the degree audit report that students can access through Vergil/SSOL.

- Duplicative coursework: Students may not earn credit multiple times for course content that is essentially duplicative, as in the following cases:
  - Students cannot take two courses that have essentially the same function within the structure of the undergraduate curriculum. For example, credit cannot be earned for two first-term calculus courses, even if one is more theoretical in approach than the other. Similarly, credit cannot be earned for two comparable terms of a science or foreign language even if one has a Barnard course number and the other a Columbia course number.
  - If students have been granted academic credit through advanced standing credit (AP, IB, GCE, etc.), they may not take the equivalent course(s) at Columbia for credit. If students do take the equivalent course(s) at Columbia, they will need to forfeit the advanced standing credit previously granted. For more information, see Academic Regulations—Placement and Advanced Standing.
  - If students have been granted academic credit through transfer credit for coursework at another college or university, they may not take the equivalent course(s) at Columbia for credit. If students do take the equivalent course(s) at Columbia, they will need to forfeit the transfer credit previously granted.

## THE CORE CURRICULUM

The Core Curriculum (p. 90) represents the College's approach to general education requirements:

- Six shared courses, in which all students study the same content and learn foundational academic habits of mind and habits of work;
- Discipline-specific courses chosen by students from lists of approved courses, in which students learn specific content that conveys ways of knowing and understanding; and
- The Physical Education requirement.

### Literature Humanities

HUMA CC1001 & HUMA CC1002	Literature Humanities I and Literature Humanities II
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### Frontiers of Science

SCNC CC1000	FRONTIERS OF SCIENCE
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### University Writing

ENGL CC1010	UNIVERSITY WRITING
<b>Contemporary Civilization</b>	
COCI CC1101 & COCI CC1102	CONTEMP WESTERN CIVILIZATION I and CONTEMP WESTRN CIVILIZATION II
<b>Art Humanities</b>	
HUMA UN1121	MASTERPIECES OF WESTERN ART
<b>Music Humanities</b>	
HUMA UN1123	Music Humanities
<b>Science Requirement</b>	
In addition to Frontiers of Science (listed in the shared courses above), two courses from the list of approved courses that meet the guidelines of the Science Requirement	
<b>Global Core Requirement</b>	
Two courses from the list of approved courses that have met the guidelines of the Global Core Requirement	
<b>Foreign Language Requirement</b>	
The successful completion of the "Intermediate II" (or equivalent) level in a single language or the exemption from the requirement through approved exam scores (i.e., advanced placement exams or departmental placement exams).	
<b>Physical Education</b>	
Two courses and a swimming test	

**All of the courses in the full Core Curriculum must be taken for a letter grade (i.e., the Pass/D/Fail option may not be applied) – with the exception of courses for the Physical Education requirement, which are offered only on a "pass/withdrawal" basis.**

**Students are required to complete Frontiers of Science, both semesters of Literature Humanities, and University Writing in the first year. Students who do not successfully complete all of these requirements by the end of the first year will be placed on academic probation.**

**All students are required to take Contemporary Civilization in their sophomore year.** For pedagogical reasons, the College considers Literature Humanities a prerequisite for Contemporary Civilization; therefore, all Columbia College students must complete Literature Humanities prior to taking Contemporary Civilization. (Columbia Engineering students, who may also enroll in Contemporary Civilization, have been given an exception to this sequence because of the structure of their curriculum.)

**Students are encouraged to complete Art Humanities and Music Humanities by the end of the junior year.**

Courses taken to fulfill the Core Curriculum must be taken in Columbia College – with the exception of the Foreign Language Requirement, which, in some instances and as determined by the relevant academic department at Columbia, may be satisfied at Barnard College.

If students plan to take courses at an approved study abroad program that seem to fulfill the stated goals of the Global Core or Science requirements, students may petition the Committee on the Global Core or the Committee on Science Instruction – through their advising dean in the [Berick Center for Student Advising](#) – to ask if the course might be approved for the relevant requirement. Also, if a student has fallen behind on the required number of credits and requirements to be in good academic standing, the student may be able to petition the [Committee on Academic Standing](#) to take approved courses at another institution during the summer in order to regain good academic standing.

## THE MAJOR

**All Columbia College students must complete a major.** By requiring both breadth and depth of study in one particular discipline or field, the major ensures intensive study in a single academic program, typically through a combination of introductory courses, methods courses, advanced seminars, and possibly a senior capstone experience such as a thesis. Majors are designed and offered by a variety of Columbia departments, institutes, centers, and programs, and are described in the departmental sections of this *Bulletin* (see [Departments](#), [Programs](#), and [Courses](#)).

Students select individual majors based on their own particular aims and needs. A major is not designed to produce professionally trained specialists for one profession or another; in fact, students often pursue careers that are not dependent on the specific content of their majors. Rather, the major provides a particular way of understanding and of working that students can translate into any number of professional contexts.

In the first and sophomore years, students can consult a network of advisers as they consider their choice of a major; this network includes faculty members in academic departments and programs, advising deans in the [Berick Center for Student Advising](#), and advisers in the Center for Career Education. **Students declare a major through an online declaration process in their fourth semester (i.e., spring semester of sophomore year).** Students are not permitted to declare a major before this time. Some majors will also require departmental review at the time of declaration, and students should consult with the DUS of their department to confirm that they can complete their major by the end of their 8th semester. Information about the process for declaring a major is sent to students in the spring of the sophomore year by the [Berick Center for Student Advising](#).

**Every student is responsible for completing the requirements for a major within eight full-time semesters.** Students should complete the requirements for a major that are in effect as of the time that they declare the major in their sophomore year. Students are expected to be active in consulting advisers in the major, especially the relevant director of undergraduate studies for each major.



The requirements for a major are determined by the faculty of the relevant academic department or program, and each department or program has one or more faculty members designated as a director of undergraduate studies. **A director of undergraduate studies (DUS) for a department or program provides advising on the individual courses and the programs of study for undergraduates in that department or program, and DUS can offer guidance to students who are prospective majors, who are declared majors, or who are simply taking a course in the department or program.**

Students can find information about all majors available to them in the pages of this *Bulletin* and on the websites of individual departments, institutes, and centers. Students should familiarize themselves with the requirements of any academic programs by reading through the requirements for their proposed major and by directing questions to the relevant director of undergraduate studies.

**All courses taken to complete a major, whether they are designated as required or elective within the major, must be taken for a letter grade and must be passed with a grade of C- or higher.** Some academic departments permit an exception to this policy, allowing the first one-term course taken by the student in his or her eventual major to be taken for a mark of "Pass." Students should consult the director of undergraduate studies (DUS) for any permissions or restrictions on grading options for the major.

The size and structure of a major can vary from one department/program to the next, and students may need to understand these details and distinctions as early as possible. For example:

- Some majors require that certain introductory courses be completed before the start of the junior year.
- Some majors have different minimum and maximum points allowed for a concentration or a major.
- Majors may have different policies on whether students can fulfill one requirement with a grade of D or a mark of "Pass."

A student can change majors at any time as long as the requisite departmental approval is received, the requirements have been or can be fulfilled, and students can still graduate by the end of their eighth semester. If a student decides to change a major, the student must file a new declaration form online or in hard copy with the advising dean in the Berick Center for Student Advising.

Independent majors (i.e., programs of study designed by a student) are not permitted for Columbia College students.

## MINORS

Most students graduate from Columbia College with one program of study – i.e., with one major. Majors vary in the number and type of required courses, and students may find that they have very full programs of study each semester with

the mix of courses to fulfill a major and courses to fulfill the Core Curriculum. To the extent that students have additional space in their programs of study for elective coursework, they might choose to take a mix of liberal arts courses in a variety of departments, or they might give their elective coursework shape by declaring another program of study. While students can declare a second major, more often students who wish to pursue another program of study will opt to a secondary course of study in the form of an academic minor.

Smaller than a major program of study, an academic minor typically requires between 5 and 9 courses to complete, and it offers students the opportunity to increase their exposure to the breadth of the liberal arts curriculum in ways that are curated by the faculty's expertise and interests. The goals and structures of a minor can vary, and may have one of the following purposes:

- an introduction to a discipline, stopping short of the advanced work of a major;
- a cluster of courses that introduce students to a topic through multiple approaches;
- an advanced offering for students who have previous preparation in order to pursue a particular focus of study that builds on departmental strengths and specializations;
- a complement to an existing major, such as a subfield in a cognate department; or
- an interdisciplinary program including courses in one or more departments/programs.

Students can find information about all minors available to them in the pages of this *Bulletin* and on the websites of individual departments, institutes, and centers. Students should familiarize themselves with the requirements of any academic programs by reading through the requirements for minors and by directing questions to the relevant director of undergraduate studies.

Students can declare a minor at the same time that they declare a major, in the Spring semester of their sophomore year, or they can declare a minor at a later point if they determine that they have the interest and space in their program of study to complete one. Information about the process for declaring a major is sent to students in the spring of the sophomore year by the Berick Center for Student Advising.

## SPECIAL PROGRAMS

In certain cases, the College has partnered with Columbia's professional schools or affiliated programs to offer a special program of study that goes beyond the liberal arts curriculum offered to College students. If a student completes one of these programs, it will appear on the student's transcript as a "special program." Therefore, a special program can only be pursued as a second program of study; a student pursuing a special program must also complete a major in order to earn the B.A. degree.

## MAXIMUM NUMBER OF PROGRAMS OF STUDY

Most students graduate from Columbia College with one program of study – i.e., with one major. Majors vary in the number and type of required courses, and students may find that they have very full programs of study each semester with the mix of courses to fulfill a major and courses to fulfill the Core Curriculum.

To the extent that students have additional space in their programs of study for elective coursework, they might choose to take a mix of liberal arts courses in a variety of departments, or they might give their elective coursework shape by declaring another program of study. While students can declare a second major, more often students who wish to pursue another program of study will opt to a secondary course of study in the form of an academic minor or a special program (described above).

Students must complete their degree requirements within eight semesters (including the terms that transfer students have spent at other institutions), and students will not be awarded additional semesters for the purposes of completing an additional program of study.

The maximum number of programs that a student can declare is three, subject to the following conditions:

1. Students may declare a maximum of three programs of study (a program of study defined as a major, a minor, or a special program).
2. A student may not declare more than two majors.
3. A student may not declare more than two minors.
4. If a student wishes to declare more than one program of study, the coursework for the additional program(s) of study should fit comfortably within the expected course load of 4-5 courses per semester. Students will not be permitted to petition regularly to exceed the 18-credit point limit in order to pursue additional programs of study.

If a student decides to pursue multiple programs of study, they may not both be governed by the same offering unit (department, institute, or center). For example, a student may not declare two majors, or a major and a minor, in Russian Language and Culture and in Slavic Studies, both of which are housed in the Department of Slavic Languages. Similarly, a student may not declare programs in Mathematics and in Applied Mathematics, both of which are governed by the Department of Mathematics. All joint majors are considered as governed by both offering units: for example, the Economics-Political Science major is governed by both the Economics department and the Political Science department, so that a student may not declare programs in both Political Science and Economics-Political Science.

## POLICY ON DOUBLE-COUNTING COURSES TOWARD REQUIREMENTS

If a student chooses to declare more than one program of study (some combination of major, minor, or special program, subject to the conditions noted above), the student can, in certain situations, apply one course to two programs of study (“double-counting”). There are three conditions under which students may apply one course to two programs of study, and depending on the declared programs of study, some or all of these conditions may apply:

1. If two programs of study require the same fundamental skills as prerequisite for all further study in those programs, students may double-count those fundamental courses to both programs of study. The Committee on Instruction has defined this fundamental coursework as any of the following courses:
  - a. elementary and intermediate foreign language courses;
  - b. the calculus sequence (I through IV, Accelerated Multivariable Calculus, or Honors A and B);
  - c. introductory courses in Statistics (STAT UN1101 or UN1201); and
  - d. the introductory course in computer programming (COMS W1004).
- e. If faculty members feel that other courses should be included in this category, those courses would need to be explicitly approved by the Committee on Instruction for double-counting.
2. In addition to double-counting any of the courses described in #1 above, students may double-count courses toward programs of study (major or minor) that are taken to fulfill three parts of the Core Curriculum: (1) the Global Core requirement and/or (2) the Science requirement and/or (3) the Language requirement. Note: The shared courses of the Core Curriculum – specifically, Art Humanities, Contemporary Civilization, Frontiers of Science, Literature Humanities, Music Humanities, and University Writing – may not be double-counted with any major or minor.
3. In addition to double-counting any courses described in #1 and #2 above, students pursuing two programs of study may double-count a maximum of two classes of any type, if the classes are already approved to fulfill a requirement for each program of study. Students should not petition Directors of Undergraduate Studies for substitutions to major or minor requirements in order to create opportunities for double-counting. Offering departments, institutes, or centers may choose to restrict the double-counting of particular courses, and such restrictions cannot be appealed.

If any of the conditions above happens to apply to three declared programs, the “double-counting” will apply across the three programs of study.

## SUPERVISED INDEPENDENT STUDY

It is sometimes possible for students to pursue independent advanced work on a topic for credit under the supervision of a faculty member. Students must develop a plan of study with a faculty adviser that details the workload of the independent study (i.e., the weekly reading and/or research, and the assignments that will be submitted and assessed), as well as the plan for regular meetings with the faculty member in fulfillment of the required contact hours between instructor and student. Students must also obtain the approval of the department; approval depends on the quality of the proposal, the student’s qualifications, and the availability of an appropriate faculty adviser. Independent study may earn variable credit (between 1 and 6 credits), depending on the planned workload and meeting schedule; the department can determine the appropriate number of credits.

## ACADEMIC ADVISING

### Planning an Academic Program

A student’s “academic program” is the full complement of courses in which the student is registered in an academic term—the combination of subjects, topics, and credits that a student plans to complete in a given semester.

When planning an academic program for each semester, students should ensure the following:

1. Students are thoroughly familiar with the requirements for the degree – including the full Core Curriculum and the requirements for a major – and with the College regulations, all of which are detailed in this *Bulletin* (see details above in section on “Majors”);
2. Students plan to complete University Writing (ENGL CC1010), Frontiers of Science (SCNC CC1000), Masterpieces of Western Literature and Philosophy I & II (HUMA CC1001-HUMA CC1002) during the first year, as well as Introduction to Contemporary Civilization in the West (COCI CC1101 -COCI CC1102) by the end of the sophomore year (see details above in section on “Core Curriculum”);
3. Students prepare to declare a major in their fourth term (i.e., spring semester of sophomore year).

In particular, students should note that some majors require that certain introductory courses be completed before the start of the junior year. For example, students considering a major in the sciences should focus on required introductory science courses in their first two years, in addition to Core requirements; students considering a concentration or major in the humanities and social sciences should try to take, in their first two years, a combination of Core requirements and introductory level courses

in the department(s) in which they are interested in majoring. 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.

When planning their academic program, students are expected to consult with their advising deans in the [Berick Center for Student Advising](#) and with the faculty advisers in the relevant academic departments.

### Advising Deans

Advising deans in the [Berick Center for Student Advising](#) advise students on general graduation requirements and monitor students’ progress toward completing the Core Curriculum. Advising deans guide and support undergraduates at Columbia College as they navigate their academic and co-curricular lives at Columbia University. Students are assigned an advising dean in the summer before matriculation.

Productive advising is built on a partnership in which the student and the adviser work together: the spirit of an ideal advising partnership is one of mutual engagement, responsiveness, and dedication. Regular advising conversations - the fundamental building blocks of the partnership - enable an adviser to serve as a knowledgeable resource, reliable guide, and a source for referrals, so that students may make the most of all the opportunities available to them inside and outside the classroom during their time at the College.

Students can make appointments with their advising deans using the [online appointment system](#). While students have assigned advising deans, students may make appointments with any of the advisers in the [Berick Center for Student Advising](#), and students may also attend walk-in hours in person or virtually to speak to an “adviser of the day” during business hours. Students who wish to change assigned advising deans are encouraged to make an appointment with Andrew Plaa, Dean of Advising, who can make new adviser assignments.

### Directors of Undergraduate Studies

[Directors of Undergraduate Studies \(DUS\)](#), and other faculty in academic departments, advise students on the requirements for majors, minors, and special programs.

Students should feel free to consult a DUS as early as possible to discuss the goals, content, and shape of a program of study (major, minor, or special program). The DUS can advise prospective majors or minors on the specific requirements for a program of study, can spell out options for paths through the program of study, and can suggest the most appropriate courses for a student’s academic program. When a student has decided to declare a particular program of study, the DUS can confirm that the student is on track to complete the program of study on time and can also advise the student on finding related opportunities in the field in areas such as research, internships, jobs, etc.

Under no circumstances will students be granted more than 8 semesters to complete a secondary course of study (i.e., a minor

or a special program or second major), so it is important for students to actively consult their advising deans and the relevant directors of undergraduate studies to confirm their academic progress as they plan each semester.

## ADVISING FOR FIRST-YEAR STUDENTS

In the summer before matriculating to Columbia College, 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 will also receive information by email about opportunities to talk with their advising dean during that summer, and students should read the Academic Planning Guide for New Students carefully prior to their first advising appointment.

Each incoming first-year student will be preregistered for a section of Literature Humanities for the Fall term. Each student will also be preregistered for either a section of Frontiers of Science or a section of University Writing. Therefore, students will have two courses assigned to their Fall academic programs when they arrive on campus, and they will register themselves for the remaining courses during the New Student Orientation Program and/or during the Change of Program period (i.e., the first two weeks of classes).

For the Spring term of the first year, students will be pre-registered in the section of Literature Humanities that corresponds with their Fall section (i.e., usually with the same instructor at the same time of the week), but it will be possible to change sections if schedule conflicts arise. First-year students who have taken University Writing in the Fall will be pre-registered in a section of Frontiers of Science in the Spring. First-year students who have taken Frontiers of Science in the Fall will register themselves for a section of University Writing in the Spring.

All incoming first-year students are expected to meet with their advising deans in the [Berick Center for Student Advising](#) during the summer (in person, by phone, or online), during the New Student Orientation Program (NSOP), and/or in the first two weeks of the term (Change-of-Program period) in order to discuss their fall course selections, their transition to college, and their short- and long-term goals, and to learn about other advising resources and offices available to them at Columbia.

Students are expected to stay in touch regularly with their advising deans in the [Berick Center for Student Advising](#) throughout their time at Columbia.

## REQUIREMENTS FOR TRANSFER STUDENTS

All academic requirements noted above and elsewhere in this *Bulletin* apply to students who transfer into Columbia College

as sophomores or juniors, with the following considerations for their status as transfer students:

In order to graduate from Columbia College with a Bachelor of Arts (B.A.) degree, all transfer students must successfully complete a minimum of 124 points of academic credit, which must include the full [Core Curriculum](#) – with the exception of CC1000 Frontiers of Science, though three courses from the approved Science Requirement list must be completed. In addition, transfer students must satisfy all requirements for a major –or, for transfer students who matriculated prior to Fall 2024, all requirements for a concentration – and the overall GPA for all coursework completed must be 2.0 or higher.

Transfer students are expected to complete the B.A. degree in six full-time semesters (for students entering Columbia College in the sophomore year) or four full-time semesters (for students entering Columbia College in the junior year). The last two semesters must be taken while enrolled in the College for study on this campus or on one of the [Columbia-sponsored international programs](#).

Class standing for students transferring to Columbia College is determined prior to matriculation and is based on the number of terms and credits completed at the home institution. Twelve credits is the equivalent of one full-time term. A transfer student's class standing will remain in place for the duration of the student's time in Columbia College, regardless of future credits earned. Once they have matriculated, transfer students may be assigned additional advanced standing like Advanced Placement, International Baccalaureate and other standardized examination credit, but their class status will remain the same. This policy remains in place even when students are eligible to graduate in less than eight terms.

Upon admission to Columbia College, transfer students should familiarize themselves with the regulations pertaining to their special status (see [Academic Regulations—Regulations for Transfer Students](#)).



# CORE CURRICULUM

## The Center for the Core Curriculum

[core-curriculum@columbia.edu](mailto:core-curriculum@columbia.edu)

The Core Curriculum is the heart of the Columbia College education. The central intellectual mission of the Core is to provide all students with wide-ranging perspectives, a deeper understanding of history, and critical and creative thinking skills through the study of literature, science, philosophy, music, and art.

The Core was the first college general education program in the United States, launched as a single course, *Contemporary Civilization*, in 1919 with the goal of preparing students to grapple with “the insistent problems of the present.” In a context of global crisis, social reform, and widespread debates about the aims and methods of higher learning, Columbia College offered Contemporary Civilization as a bold experiment in what philosopher John Dewey called “progressive education.” That is, rather than focusing on the transmission of knowledge and the development of expertise, Contemporary Civilization would provide students with a space to develop their own ideas and create knowledge collectively at the intersection of historical consciousness and self-awareness.

In the century that followed, the Core evolved considerably, adding *Literature Humanities* in 1937 and *Art Humanities* and *Music Humanities* a decade later. That same year, 1947, a new course in *Asian Humanities* was introduced, adding a further global dimension to the curriculum. What is now called the Global Core — formerly Major Cultures — became a requirement in 1990. After decades of failed attempts to include scientific inquiry in the curriculum, *Frontiers of Science* was launched as a Core requirement in 2004. Together, these Core courses explore the stories, ideas, images, sounds, and discoveries through which we make ourselves intelligible to one another.

Each course in the Core undergoes regular review and revision to respond to the ever-changing challenges of our modern world and to incorporate a growing number of perspectives and experiences. Through all of these changes, the Core has provided an enriching liberal arts experience of community, active learning, and interdisciplinary inquiry in the larger context of a research university. The Core creates a shared intellectual experience for students that is rooted in mutual respect, fostering close and lasting intellectual relationships with peers and faculty through discussion. This community extends across course sections, class years, and even generations.

Working in small seminars, students engage actively with difficult works and concepts early in their college careers, preparing them for more advanced academic work in their

chosen fields of study. The general academic skills that students develop in Core classes are useful in a range of contexts, counterbalancing the specialization of chosen majors. Most importantly, Core courses give students the opportunity to experiment with ideas, pursue their own inquiries, develop their own perspectives, and critique the shared opinions and social practices of our world through an understanding of their histories. In this way, the Core prepares students for a lifetime of critical and creative intelligence.

The Center for the Core Curriculum, located in 202 Hamilton, provides administrative support to faculty and students in Art Humanities, Contemporary Civilization, Frontiers of Science, Literature Humanities, and Music Humanities. The Center can be contacted at [core-curriculum@columbia.edu](mailto:core-curriculum@columbia.edu).

The Committee on the Core Curriculum manages the academic elements of the Core, with faculty representatives from Art Humanities, Contemporary Civilization, Frontiers of Science, Literature Humanities, Music Humanities, University Writing, and the Global Core, as well as administrators and student representatives from Columbia College and General Studies. In the 2024-25 academic year, the following members will comprise the Committee:

### Committee on the Core Curriculum

Josef Sorett  
Dean of Columbia College  
208 Hamilton; 212-854-2443  
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Ruben L. Gonzalez Jr.  
Professor of Chemistry  
Chair of Frontiers of Science  
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To Be Announced  
Chair of the Committee on Global Core

Lisa Hollibaugh  
Dean of Academic Affairs  
202 Hamilton Hall; 212-851-9814  
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# LITERATURE HUMANITIES

## Chair for Literature Humanities

Prof. Joseph A. Howley

Associate Professor of Classics

Paul Brooke Program Chair for Literature Humanities

[jah2220@columbia.edu](mailto:jah2220@columbia.edu)

## Literature Humanities Website

*HUMA CC1001* and *HUMA CC1002* “Literature Humanities” or “Lit Hum,” as it is popularly known, is a year-long course that offers Columbia College students the opportunity to engage in intensive study and discussion of significant works. A part of the Core Curriculum since 1937, *Literature Humanities* is not a survey with a fixed syllabus, but an ever-evolving series of carefully selected readings that reward both first encounters and long study. Whether classwork focuses attention on the formal elements of the text, its importance to literary history, or on its significance to contemporary culture and issues, the goal is to consider a range of perspectives across time and cultures that can enhance our understanding of the world and foster a deeper sense of empathy, while also developing crucial skills in close reading, critical thinking, writing, and academic discussion through the analysis of literary works.

Instructors from a range of departments and disciplines meet with groups of approximately twenty-two students for four hours a week in order to discuss texts by Enheduanna, Homer, Sappho, Aeschylus, Plato, Vergil, Augustine, Ibn ‘Arabi, Marie de France, Dante, Montaigne, Shakespeare, Sor Juana Inés de la Cruz, Austen, Woolf, Morrison, and Rankine, as well as Hebrew Scriptures, Gospels, and Gilgamesh.

## REGISTRATION PROCEDURE

All information concerning registration in *HUMA CC1001-HUMA CC1002* is included in the registration materials sent to students. All first-year students are preregistered in *Literature Humanities*. Students can change their section during their registration period prior to the start of the semester and the change of program period during the first two weeks of the semester.

All Core Curriculum courses, including *Literature Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Literature Humanities* after the Core drop deadline, which is also the end of the Change-of-Program period (p. 4). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### **HUMA CC1001 Literature Humanities I. 4.00 points.**

Taught by members of the Departments of Classics; English and Comparative Literature; French; German; Italian; Middle

Eastern, South Asian, and African Studies; Philosophy; Religion; Slavic Languages; and Latin American and Iberian Cultures; as well as members of the Society of Fellows. Major works by over twenty authors, ranging in time, theme, and genre, from Homer to Virginia Woolf. Students are expected to write at least two papers, to complete two examinations each semester, and to participate actively in class discussions

### Fall 2024: HUMA CC1001

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1001	001/11642	M W 8:10am - 10:00am 309 Hamilton Hall	Nancy Workman	4.00	20/21
HUMA 1001	002/11643	M W 8:10am - 10:00am 301 Hamilton Hall	Adrian Guo-Silver	4.00	22/21
HUMA 1001	003/11644	M W 8:10am - 10:00am 707 Hamilton Hall	Ben Hooyman	4.00	20/21
HUMA 1001	004/11645	M W 12:10pm - 2:00pm 507 Philosophy Hall	Katrina Dzyak	4.00	22/21
HUMA 1001	005/11646	M W 12:10pm - 2:00pm Sat Alfred Lerner Hall	Daniel Saenz	4.00	20/21
HUMA 1001	006/11647	M W 12:10pm - 2:00pm 303 Hamilton Hall	Ben Hooyman	4.00	21/21
HUMA 1001	007/11648	M W 12:10pm - 2:00pm 301 Hamilton Hall	Tylar Colleluori	4.00	22/21
HUMA 1001	008/11649	M W 12:10pm - 2:00pm 109 Hartley Hall	Naomi Michalowicz	4.00	22/21
HUMA 1001	009/11650	M W 12:10pm - 2:00pm 307 Pupin Laboratories	Margaret Corn	4.00	22/21
HUMA 1001	010/11651	M W 12:10pm - 2:00pm 963 Ext Schermerhorn Hall	Aya Labanieh	4.00	22/21
HUMA 1001	011/11652	M W 2:10pm - 4:00pm 111 Carman Hall	James Adams	4.00	21/21
HUMA 1001	012/11653	M W 2:10pm - 4:00pm 302 Hamilton Hall	Carlos Nugent	4.00	22/21
HUMA 1001	013/11654	M W 2:10pm - 4:00pm 253 Engineering Terrace	Dustin Stewart	4.00	22/21
HUMA 1001	014/11655	M W 2:10pm - 4:00pm 301 Hamilton Hall	Tylar Colleluori	4.00	22/21
HUMA 1001	015/11656	M W 2:10pm - 4:00pm 109 Hartley Hall	Naomi Michalowicz	4.00	21/21
HUMA 1001	016/11657	M W 10:10am - 12:00pm 109 Hartley Hall	Yana Skorobogatov	4.00	21/21
HUMA 1001	017/11658	M W 2:10pm - 4:00pm 607 Hamilton Hall	Sarah bin Tyeer	4.00	21/21

HUMA 1001	018/11659	M W 4:10pm - 6:00pm 301 Hamilton Hall	Karen Van Dyck	4.00	21/21			253 Engineering Terrace			
HUMA 1001	019/11660	M W 4:10pm - 6:00pm 109 Hartley Hall	Anna Borgarello	4.00	21/21	HUMA 1001	039/11680	T Th 10:10am - 12:00pm 402 Hamilton Hall	Pier Mattia Tommasino	4.00	20/21
HUMA 1001	020/11661	M W 4:10pm - 6:00pm 509 Hamilton Hall	Jacqueline Garcia Suarez	4.00	20/21	HUMA 1001	040/11681	T Th 12:10pm - 2:00pm 301 Hamilton Hall	Rebecca Kastleman	4.00	22/21
HUMA 1001	021/11662	M W 4:10pm - 6:00pm 306 Hamilton Hall	Lorenzo Mecozzi	4.00	21/21	HUMA 1001	041/11682	T Th 12:10pm - 2:00pm 309 Hamilton Hall	Alec Joyner	4.00	21/21
HUMA 1001	022/11663	M W 4:10pm - 6:00pm 511 Hamilton Hall	Alex Pekov	4.00	21/21	HUMA 1001	042/11683	T Th 12:10pm - 2:00pm 111 Carman Hall	Mia Florin- Sefton	4.00	22/21
HUMA 1001	023/11664	M W 4:10pm - 6:00pm 302 Hamilton Hall	Scott Harris	4.00	20/21	HUMA 1001	043/11684	T Th 12:10pm - 2:00pm 109 Hartley Hall	Begona Alberdi	4.00	22/21
HUMA 1001	024/11665	M W 4:10pm - 6:00pm 707 Hamilton Hall	Jeffrey Wayno	4.00	22/21	HUMA 1001	044/11685	T Th 12:10pm - 2:00pm 206 Broadway Residence Hall	Nadrah Mohammed	4.00	20/21
HUMA 1001	025/11666	M W 6:10pm - 8:00pm 306 Hamilton Hall	Katrina Dzyak	4.00	17/21	HUMA 1001	045/11686	T Th 12:10pm - 2:00pm 302 Fayerweather	Sailakshmi Ramgopal	4.00	22/21
HUMA 1001	026/11667	M W 6:10pm - 8:00pm 109 Hartley Hall	Anna Borgarello	4.00	18/21	HUMA 1001	046/11687	T Th 2:10pm - 4:00pm 402 Hamilton Hall	Austin Graham	4.00	21/21
HUMA 1001	027/11668	M W 6:10pm - 8:00pm 301 Hamilton Hall	Lilith Todd	4.00	17/21	HUMA 1001	047/11688	T Th 2:10pm - 4:00pm 206 Broadway Residence Hall	Caio Ferreira	4.00	21/21
HUMA 1001	028/11669	T Th 8:10am - 10:00am 306 Hamilton Hall	Louis Moffa	4.00	22/21	HUMA 1001	048/11689	T Th 2:10pm - 4:00pm 212d Lewisohn Hall	Zoe Henry	4.00	22/21
HUMA 1001	029/11670	T Th 8:10am - 10:00am 309 Hamilton Hall	Jilian Pizzi	4.00	21/21	HUMA 1001	049/11690	T Th 2:10pm - 4:00pm 309 Hamilton Hall	Hamid Dabashi	4.00	21/21
HUMA 1001	030/11671	T Th 8:10am - 10:00am 613 Hamilton Hall	Giulia Ricca	4.00	21/21	HUMA 1001	050/11691	T Th 2:10pm - 4:00pm 306 Hamilton Hall	Edward Mendelson	4.00	22/21
HUMA 1001	031/11672	T Th 10:10am - 12:00pm 607 Martin Luther King Building	Eliza Zingesser	4.00	14/21	HUMA 1001	051/11692	T Th 2:10pm - 4:00pm 616 Hamilton Hall	Bianca Calabresi	4.00	22/21
HUMA 1001	032/11673	T Th 10:10am - 12:00pm 111 Carman Hall	Eleanor Johnson	4.00	21/21	HUMA 1001	052/11693	T Th 4:10pm - 6:00pm 302 Hamilton Hall	Sophia Pedatella	4.00	21/21
HUMA 1001	033/11674	T Th 10:10am - 12:00pm 302 Hamilton Hall	Nicholas Dames	4.00	22/21	HUMA 1001	053/11694	T Th 4:10pm - 6:00pm 201 80 Claremont	Emma Hitchcock	4.00	22/21
HUMA 1001	034/11675	T Th 10:10am - 12:00pm 109 Hartley Hall	Begona Alberdi	4.00	22/21	HUMA 1001	054/11695	T Th 4:10pm - 6:00pm 306 Uris Hall	Tamara Hache	4.00	21/21
HUMA 1001	035/11676	T Th 10:10am - 12:00pm 206 Broadway Residence Hall	Caio Ferreira	4.00	22/21	HUMA 1001	055/11696	T Th 4:10pm - 6:00pm 318 Hamilton Hall	Mia Florin- Sefton	4.00	22/21
HUMA 1001	036/11677	T Th 10:10am - 12:00pm 507 Philosophy Hall	Hannah Weaver	4.00	21/21	HUMA 1001	056/11697	T Th 4:10pm - 6:00pm 309 Hamilton Hall	Giuseppe Gerbino	4.00	22/21
HUMA 1001	037/11678	T Th 10:10am - 12:00pm 325 Pupin Laboratories	Laura DiNardo	4.00	22/21	HUMA 1001	057/11698	T Th 4:10pm - 6:00pm 206 Broadway Residence Hall	Katherine Manansala	4.00	21/21
HUMA 1001	038/11679	T Th 10:10am - 12:00pm	Robert O'Meally	4.00	21/21	HUMA 1001	059/11700	T Th 6:10pm - 8:00pm 309 Hamilton Hall	Eduardo Andres Vergara Torres	4.00	19/21



HUMA 1001	060/11701	T Th 6:10pm - 8:00pm 306 Hamilton Hall	Valeria Spacciante	4.00	21/21	HUMA 1002	011/10769	M W 2:10pm - 4:00pm 111 Carman Hall	James Adams	4.00	17/21
HUMA 1001	066/18767	M W 4:10pm - 6:00pm 303 Hamilton Hall	Joseph Romano	4.00	19/21	HUMA 1002	012/10770	M W 2:10pm - 4:00pm 707 Hamilton Hall	Carlos Nugent	4.00	22/21
HUMA 1001	067/18768	T Th 12:10pm - 2:00pm 301m Fayerweather	Eli Mandel	4.00	21/21	HUMA 1002	013/10771	M W 2:10pm - 4:00pm 477 Alfred Lerner Hall	Dustin Stewart	4.00	21/21
HUMA 1001	068/18769	T Th 2:10pm - 4:00pm 224 Pupin Laboratories	Maude Meisel	4.00	21/21	HUMA 1002	014/10772	M W 2:10pm - 4:00pm 402 Hamilton Hall	Tylar Colleluori	4.00	21/21
HUMA 1001	069/18770	T Th 4:10pm - 6:00pm 103 Knox Hall	Ishai Mishory	4.00	21/21	HUMA 1002	015/10773	M W 2:10pm - 4:00pm 568 Alfred Lerner Hall	Naomi Michalowicz	4.00	21/21

### **HUMA CC1002 Literature Humanities II. 4.00 points.**

Taught by members of the Departments of Classics; English and Comparative Literature; French; German; Italian; Middle Eastern, South Asian, and African Studies; Philosophy; Religion; Slavic Languages; and Spanish; as well as members of the Society of Fellows. Major works by over twenty authors, ranging in time, theme, and genre, from Homer to Virginia Woolf. Students are expected to write at least two papers, to complete two examinations each semester, and to participate actively in class discussions

#### **Spring 2025: HUMA CC1002**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment						
HUMA 1002	001/10759	M W 8:10am - 10:00am 309 Hamilton Hall	Nancy Workman	4.00	21/21	HUMA 1002	016/10774	M W 2:10pm - 4:00pm 255 International Affairs Bldg	Yana Skorobogatov	4.00	20/21
HUMA 1002	002/10760	M W 8:10am - 10:00am 402 Hamilton Hall	Adrian Guo-Silver	4.00	21/21	HUMA 1002	017/10775	M W 2:10pm - 4:00pm 608 Martin Luther King Building	Sarah bin Tyeer	4.00	17/21
HUMA 1002	003/10761	M W 8:10am - 10:00am 707 Hamilton Hall	Ben Hooyman	4.00	21/21	HUMA 1002	018/10776	M W 4:10pm - 6:00pm 301 Hamilton Hall	Karen Van Dyck	4.00	21/21
HUMA 1002	004/10762	M W 12:10pm - 2:00pm 412 Pupin Laboratories	Katrina Dzyak	4.00	21/21	HUMA 1002	019/10777	M W 4:10pm - 6:00pm 309 Hamilton Hall	Anna Borgarello	4.00	22/21
HUMA 1002	005/10763	M W 12:10pm - 2:00pm 201 80 Claremont	Daniel Saenz	4.00	20/21	HUMA 1002	020/10778	M W 4:10pm - 6:00pm 402 Hamilton Hall	Jacqueline Garcia Suarez	4.00	18/21
HUMA 1002	006/10764	M W 12:10pm - 2:00pm 325 Pupin Laboratories	Ben Hooyman	4.00	21/21	HUMA 1002	021/10779	M W 4:10pm - 6:00pm 109 Hartley Hall	Lorenzo Mecozzi	4.00	21/21
HUMA 1002	007/10765	M W 12:10pm - 2:00pm 402 Hamilton Hall	Tylar Colleluori	4.00	21/21	HUMA 1002	022/10780	M W 4:10pm - 6:00pm 306 Uris Hall	Alex Pekov	4.00	22/21
HUMA 1002	008/10766	M W 12:10pm - 2:00pm 568 Alfred Lerner Hall	Naomi Michalowicz	4.00	21/21	HUMA 1002	023/10781	M W 4:10pm - 6:00pm 302 Hamilton Hall	Scott Harris	4.00	21/21
HUMA 1002	009/10767	M W 12:10pm - 2:00pm 903 School Of Social Work	Benjamin VanWagoner	4.00	19/21	HUMA 1002	024/10782	M W 4:10pm - 6:00pm 707 Hamilton Hall	Jeffrey Wayno	4.00	21/21
HUMA 1002	010/10768	M W 12:10pm - 2:00pm 507 Philosophy Hall	Aya Labanieh	4.00	21/21	HUMA 1002	025/10783	M W 6:10pm - 8:00pm 402 Hamilton Hall	Katrina Dzyak	4.00	22/21
						HUMA 1002	026/10784	M W 6:10pm - 8:00pm 309 Hamilton Hall	Anna Borgarello	4.00	18/21
						HUMA 1002	027/10785	M W 6:10pm - 8:00pm 111 Carman Hall	Lilith Todd	4.00	21/21
						HUMA 1002	028/10786	T Th 8:10am - 10:00am 309 Hamilton Hall	Louis Moffa	4.00	22/21
						HUMA 1002	029/10787	T Th 8:10am - 10:00am 402 Hamilton Hall	Jilian Pizzi	4.00	20/21
						HUMA 1002	030/10788	T Th 8:10am - 10:00am 111 Carman Hall	Giulia Ricca	4.00	20/21
						HUMA 1002	031/10789	T Th 10:10am - 12:00pm	Eliza Zingesser	4.00	10/21

		616 Martin Luther King Building			
HUMA 1002	032/10790	T Th 10:10am - 12:00pm 304 Hamilton Hall	Eleanor Johnson	4.00	21/21
HUMA 1002	033/10791	T Th 10:10am - 12:00pm 301 Hamilton Hall	Nicholas Dames	4.00	22/21
HUMA 1002	034/10792	T Th 10:10am - 12:00pm 253 Engineering Terrace	Begona Alberdi	4.00	21/21
HUMA 1002	035/10793	T Th 10:10am - 12:00pm 206 Broadway Residence Hall	Caio Ferreira	4.00	22/21
HUMA 1002	036/10794	T Th 10:10am - 12:00pm 467 Ext Schermerhorn Hall	Hannah Weaver	4.00	21/21
HUMA 1002	037/10795	T Th 10:10am - 12:00pm 963 Ext Schermerhorn Hall	Laura DiNardo	4.00	21/21
HUMA 1002	038/10796	T Th 10:10am - 12:00pm 306 Hamilton Hall	Meg Armstrong	4.00	18/21
HUMA 1002	039/10797	T Th 10:10am - 12:00pm 402 Hamilton Hall	Pier Mattia Tommasino	4.00	21/21
HUMA 1002	040/10798	T Th 12:10pm - 2:00pm 206 Broadway Residence Hall	Rebecca Kastleman	4.00	22/21
HUMA 1002	041/10800	T Th 12:10pm - 2:00pm 301 Hamilton Hall	Alec Joyner	4.00	22/21
HUMA 1002	042/10801	T Th 12:10pm - 2:00pm 109 Hartley Hall	Mia Florin-Sefton	4.00	20/21
HUMA 1002	043/10802	T Th 12:10pm - 2:00pm 253 Engineering Terrace		4.00	22/21
HUMA 1002	044/10806	T Th 12:10pm - 2:00pm 111 Carman Hall	Nadrah Mohammed	4.00	21/21
HUMA 1002	045/10807	T Th 12:10pm - 2:00pm 302 Hamilton Hall	Mark Anderson	4.00	19/21
HUMA 1002	046/10808	T Th 2:10pm - 4:00pm 109 Hartley Hall	Austin Graham	4.00	21/21
HUMA 1002	047/10809	T Th 2:10pm - 4:00pm 206 Broadway Residence Hall	Caio Ferreira	4.00	22/21
HUMA 1002	048/10810	T Th 2:10pm - 4:00pm 568 Alfred Lerner Hall	Zoe Henry	4.00	21/21
HUMA 1002	049/10811	T Th 2:10pm - 4:00pm 309 Hamilton Hall	Hamid Dabashi	4.00	21/21
HUMA 1002	050/10812	T Th 2:10pm - 4:00pm 306 Hamilton Hall	Edward Mendelson	4.00	22/21

HUMA 1002	051/10813	T Th 2:10pm - 4:00pm 329 Uris Hall	Chris Kelly	4.00	22/21
HUMA 1002	052/10814	T Th 4:10pm - 6:00pm 306 Uris Hall	Sophia Pedatella	4.00	22/21
HUMA 1002	053/10815	T Th 4:10pm - 6:00pm 616 Martin Luther King Building	Emma Hitchcock	4.00	21/21
HUMA 1002	054/10816	T Th 4:10pm - 6:00pm 507 Philosophy Hall	Tamara Hache	4.00	22/21
HUMA 1002	055/10817	T Th 4:10pm - 6:00pm 425 Pupin Laboratories	Mia Florin-Sefton	4.00	21/21
HUMA 1002	056/10818	T Th 4:10pm - 6:00pm 609 Hamilton Hall	Emily Madison	4.00	21/21
HUMA 1002	057/10819	T Th 4:10pm - 6:00pm 313 Pupin Laboratories	Katherine Manansala	4.00	22/21
HUMA 1002	059/10820	T Th 6:10pm - 8:00pm 402 Hamilton Hall	Eduardo Andres Vergara Torres	4.00	19/21
HUMA 1002	060/10821	T Th 6:10pm - 8:00pm 111 Carman Hall	Valeria Spaccante	4.00	19/21
HUMA 1002	066/10822	M W 4:10pm - 6:00pm 313 Pupin Laboratories	Joseph Romano	4.00	21/21
HUMA 1002	067/10823	T Th 12:10pm - 2:00pm 607 Martin Luther King Building	Eli Mandel	4.00	21/21
HUMA 1002	068/10824	T Th 2:10pm - 4:00pm 307 Pupin Laboratories	Maude Meisel	4.00	21/21
HUMA 1002	069/10825	T Th 4:10pm - 6:00pm 109 Hartley Hall	Ishai Mishory	4.00	21/21
HUMA 1002	070/10826	T Th 10:10am - 12:00pm 303 Hamilton Hall	Clemence Boulouque	4.00	19/21

## CONTEMPORARY CIVILIZATION

### Chair for Contemporary Civilization

Prof. Carol Rovane

*Violin Family Professor of Philosophy*

[cr260@columbia.edu](mailto:cr260@columbia.edu)

### Contemporary Civilization Website

The purpose of *COCI CC1101-COCI CC1102* “*Contemporary Civilization*,” or “CC,” as it is popularly known, is to introduce students to a range of issues concerning the kinds

of communities—political, social, moral, and religious—that human beings construct, and the values that inform and define such communities. Founded in 1919 to prepare students to confront "the insistent problems of the present," *Contemporary Civilization* has evolved continuously while remaining a constant element of the Columbia College curriculum. The course asks students to read texts that offer a wide range of perspectives, to experiment with ideas, follow their own inquiries, and present their own perspectives about the issues that these texts raise. In doing so, students develop their skills as thinkers and communicators.

The aim of *Contemporary Civilization* is not to endorse or celebrate the often conflicting—and sometimes troubling—ideas of the authors studied in class, but rather to engage with them critically. By exploring a range of perspectives, students will gain a better sense of the ideas that have shaped the world they have inherited, develop the power to imagine experiences and understand opinions different from their own, and test their own values in a way that may strengthen them or prompt revision. The ultimate goal of *Contemporary Civilization* is to foster a community in which students can share their perplexity, deepen their understanding of the world and their place within it, recognize the limits of their own perspectives and experiences, and engage respectfully with one another across their differences.

Because *Contemporary Civilization* is a year-long course, readings are necessarily selective. Every three years, faculty revise the syllabus, and many instructors supplement readings with their own selections. The factors that lead to the adoption of a text include historical influence, the demonstrated ability of a text to provoke productive discussion, and the relevance of a text's ideas to the pressing problems of the present. Among the authors currently required in the course are Plato, Aristotle, Augustine, Aquinas, Christine de Pizan, Machiavelli, Descartes, Hobbes, Locke, Rousseau, Smith, Kant, Bentham, Wollstonecraft, Tocqueville, J.S. Mill, David Walker, Douglass, Sojourner Truth, Marx, Darwin, Nietzsche, Du Bois, Gandhi, Ambedkar, Fanon, Arendt, Foucault, the Combahee River Collective, Barbara Fields, Sadiya Hartman, Dipesh Chakrabarty, Kyle Powys White, as well as the Bible and The Qur'an.

## REGISTRATION PROCEDURE

All information concerning registration in *COCI CC1101-COCI CC1102* is included in the registration materials sent to students. Students normally take *Contemporary Civilization* in their second year at Columbia.

All Core Curriculum courses, including *Contemporary Civilization*, must be taken for a letter grade. Students may not drop or withdraw from *Contemporary Civilization* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### COCI CC1101 CONTEMP WESTERN CIVILIZATION I. 4.00 points.

Taught by members of the Departments of Anthropology, Classics, English and Comparative Literature, French, German, History, Latin American and Iberian Cultures, Middle Eastern, South Asian, and African Studies, Philosophy, Political Science, Religion, Slavic Languages, and Sociology; and members of the Society of Fellows. A study in their historical context of major contributions to the intellectual traditions that underpin contemporary civilization. Emphasis is on the history of political, social, and philosophical thought. Students are expected to write at least three papers to complete two examinations, and to participate actively in class discussions

#### Fall 2024: COCI CC1101

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COCI 1101	001/11349	M W 8:10am - 10:00am 308a Lewisohn Hall	Qian Cao	4.00	20/21
COCI 1101	002/11350	M W 8:10am - 10:00am 306 Hamilton Hall	Joseph Schittone	4.00	21/21
COCI 1101	003/11351	M W 8:10am - 10:00am 111 Carman Hall	Alice Gorton	4.00	22/21
COCI 1101	004/11352	M W 10:10am - 12:00pm 306 Hamilton Hall	Nadia Sariahmed	4.00	21/21
COCI 1101	005/11353	M W 10:10am - 12:00pm 309 Hamilton Hall	Dennis Tenen	4.00	21/21
COCI 1101	006/11354	M W 10:10am - 12:00pm 301 Hamilton Hall	Michael Stanislawski	4.00	20/21
COCI 1101	007/11356	M W 10:10am - 12:00pm 206 Broadway Residence Hall	Soraya Limare	4.00	21/21
COCI 1101	008/11357	M W 10:10am - 12:00pm 302 Hamilton Hall	Jonathan Peterson	4.00	22/21
COCI 1101	009/11358	M W 10:10am - 12:00pm 569 Alfred Lerner Hall	Aileen Forbes	4.00	14/21
COCI 1101	010/11359	M W 12:10pm - 2:00pm 306 Hamilton Hall	Nadia Sariahmed	4.00	22/21
COCI 1101	011/11361	M W 12:10pm - 2:00pm 111 Carman Hall	Natalia Alexander	4.00	21/21
COCI 1101	012/11362	M W 12:10pm - 2:00pm 309 Hamilton Hall	Nathan Feldman	4.00	21/21
COCI 1101	013/11363	M W 12:10pm - 2:00pm 201a Philosophy Hall	Jesse Chevan	4.00	22/21
COCI 1101	014/11365	M W 12:10pm - 2:00pm 302 Hamilton Hall	Isaac Stethem	4.00	21/21
COCI 1101	015/11368	M W 12:10pm - 2:00pm	Ellen Burns	4.00	20/21

		206 Broadway Residence Hall				COCI 1101 036/11410	T Th 10:10am - 12:00pm	Angela Giordani	4.00	21/21
COCI 1101 016/11370		M W 2:10pm - 4:00pm	Jennifer McDonald	4.00	20/21		569 Alfred Lerner Hall			
		206 Broadway Residence Hall				COCI 1101 037/11411	T Th 10:10am - 12:00pm	Conor Cullen	4.00	20/21
COCI 1101 017/11371		M W 2:10pm - 4:00pm	Akeel Bilgrami	4.00	18/21		Bwy Alfred Lerner Hall			
		411 Hamilton Hall				COCI 1101 038/11412	T Th 10:10am - 12:00pm	Alma Steingart	4.00	21/21
COCI 1101 018/11372		M W 2:10pm - 4:00pm	Nathan Feldman	4.00	22/21		477 Alfred Lerner Hall			
		309 Hamilton Hall				COCI 1101 039/11413	T Th 10:10am - 12:00pm	Gil Anidjar	4.00	20/21
COCI 1101 019/11373		M W 2:10pm - 4:00pm	Liam Dee	4.00	20/21		309 Hamilton Hall			
COCI 1101 020/11374		M W 2:10pm - 4:00pm	Whitney McIntosh	4.00	21/21	COCI 1101 040/11414	T Th 10:10am - 12:00pm	Turkuler Isiksel	4.00	22/21
		511 Hamilton Hall				COCI 1101 041/11415	T Th 10:10am - 12:00pm	Luke Lea	4.00	20/21
COCI 1101 021/11375		M W 2:10pm - 4:00pm	Jamil Sbitan	4.00	22/21		Sat Alfred Lerner Hall			
		201a Philosophy Hall				COCI 1101 042/11416	T Th 10:10am - 12:00pm	Ali Karjoo- Ravary	4.00	22/21
COCI 1101 022/11376		M W 2:10pm - 4:00pm	Roosevelt Montas	4.00	17/21		609 Martin Luther King Building			
		402 Hamilton Hall				COCI 1101 043/11417	T Th 10:10am - 12:00pm	Thomas Dodman	4.00	21/21
COCI 1101 023/11378		M W 4:10pm - 6:00pm	Richard John	4.00	15/21		412 Pupin Laboratories			
		111 Carman Hall				COCI 1101 044/11418	T Th 2:10pm - 4:00pm	Ryan Carr	4.00	21/21
COCI 1101 024/11380		M W 4:10pm - 6:00pm	Amogha Sahu	4.00	21/21		111 Carman Hall			
		206 Broadway Residence Hall				COCI 1101 045/11419	T Th 2:10pm - 4:00pm	Charly Coleman	4.00	20/21
COCI 1101 025/11382		M W 4:10pm - 6:00pm	Jesse Chevan	4.00	22/21		509 Hamilton Hall			
		306 Uris Hall				COCI 1101 046/11420	T Th 2:10pm - 4:00pm	Richard Billows	4.00	20/21
COCI 1101 026/11384		M W 4:10pm - 6:00pm	Branka Arsic	4.00	22/21		301 Hamilton Hall			
		309 Hamilton Hall				COCI 1101 047/11421	T Th 2:10pm - 4:00pm	Christopher Hoffman	4.00	22/21
COCI 1101 027/11386		M W 4:10pm - 6:00pm	Kathy Eden	4.00	22/21		253 Engineering Terrace			
		402 Hamilton Hall				COCI 1101 048/11422	T Th 2:10pm - 4:00pm	Conor Cullen	4.00	21/21
COCI 1101 028/11388		M W 4:10pm - 6:00pm	Larry Jackson	4.00	22/21		511 Hamilton Hall			
		609 Hamilton Hall				COCI 1101 049/11423	T Th 2:10pm - 4:00pm	Christopher Brown	4.00	17/21
COCI 1101 029/11389		M W 6:10pm - 8:00pm	Ethan Jacobs	4.00	14/21		424 Pupin Laboratories			
		309 Hamilton Hall				COCI 1101 050/11424	T Th 2:10pm - 4:00pm	Prashant Iyengar	4.00	21/21
COCI 1101 030/11390		M W 6:10pm - 8:00pm	Jacob Haagenson	4.00	21/21		109 Hartley Hall			
		111 Carman Hall				COCI 1101 051/11425	T Th 2:10pm - 4:00pm	Angela Giordani	4.00	19/21
COCI 1101 031/11395		M W 6:10pm - 8:00pm	Jennifer McDonald	4.00	21/21		Sat Alfred Lerner Hall			
		206 Broadway Residence Hall				COCI 1101 052/11426	T Th 2:10pm - 4:00pm	Joshua Whitford	4.00	21/21
COCI 1101 032/11399		T Th 8:10am - 10:00am	Shaunna Rodrigues	4.00	21/21		302 Hamilton Hall			
		301 Hamilton Hall				COCI 1101 053/11427	T Th 4:10pm - 6:00pm	Ryan Carr	4.00	21/21
COCI 1101 033/11401		T Th 8:10am - 10:00am	Samuel Abrams	4.00	21/21		111 Carman Hall			
		302 Hamilton Hall				COCI 1101 054/11428	T Th 4:10pm - 6:00pm	Johannah King- Slutzky	4.00	16/21
COCI 1101 034/11405		T Th 8:10am - 10:00am	Adam Kosto	4.00	11/21		402 Hamilton Hall			
		201 80 Claremont								
COCI 1101 035/11408		T Th 10:10am - 12:00pm	Shaunna Rodrigues	4.00	21/21					
		301 Hamilton Hall								



COCI 1101 055/11429	T Th 4:10pm - 6:00pm 301 Hamilton Hall	Grace Bickers	4.00	21/21		306 Hamilton Hall			
COCI 1101 056/11430	T Th 4:10pm - 6:00pm 507 Philosophy Hall	Liam Dee	4.00	20/21		COCI 1102 004/10626	M W 10:10am - 12:00pm 206 Broadway Residence Hall	Nadia Sariahmed	4.00 22/20
COCI 1101 057/11431	T Th 4:10pm - 6:00pm 306 Hamilton Hall	Eli Cumings	4.00	22/21		COCI 1102 005/10627	M W 10:10am - 12:00pm 253 Engineering Terrace	Dennis Tenen	4.00 21/21
COCI 1101 058/11432	T Th 4:10pm - 6:00pm 253 Engineering Terrace	Christopher Hoffman	4.00	22/21		COCI 1102 006/10628	M W 10:10am - 12:00pm 306 Hamilton Hall	Michael Stanislawski	4.00 18/20
COCI 1101 059/11433	T Th 4:10pm - 6:00pm 607 Hamilton Hall	Nathaniel Berman	4.00	20/21		COCI 1102 007/10629	M W 10:10am - 12:00pm 109 Hartley Hall	Soraya Limare	4.00 21/21
COCI 1101 060/11434	T Th 6:10pm - 8:00pm 301 Hamilton Hall	Gal Katz	4.00	21/21		COCI 1102 008/10630	M W 10:10am - 12:00pm 302 Hamilton Hall	Jonathan Peterson	4.00 20/20
COCI 1101 061/14164	T Th 6:10pm - 8:00pm 302 Hamilton Hall	Gautham Shiralagi	4.00	20/21		COCI 1102 009/10631	M W 10:10am - 12:00pm 402 Hamilton Hall	Jude Webre	4.00 21/21
COCI 1101 062/14165	T Th 6:10pm - 8:00pm 206 Broadway Residence Hall	Sinead Carolan	4.00	21/21		COCI 1102 010/10632	M W 12:10pm - 2:00pm 206 Broadway Residence Hall	Nadia Sariahmed	4.00 20/20
COCI 1101 065/21163	M W 2:10pm - 4:00pm 509 Hamilton Hall	Adam Reich	4.00	21/21		COCI 1102 011/10633	M W 12:10pm - 2:00pm 477 Alfred Lerner Hall	Natalia Alexander	4.00 21/21
COCI 1101 JE1/21647	M 4:00pm - 6:00pm Othr Other	Conor Cullen	4.00	10/13		COCI 1102 012/10634	M W 12:10pm - 2:00pm 253 Engineering Terrace	Nathan Feldman	4.00 19/20
COCI 1101 JE2/21723	W 9:00am - 12:00pm Othr Other	Oliver Simons	4.00	16/16		COCI 1102 013/10635	M W 12:10pm - 2:00pm 109 Hartley Hall	Jesse Chevan	4.00 21/21

## **COCI CC1102 CONTEMP WESTRN CIVILIZATION II.** **4.00 points.**

Taught by members of the Departments of Anthropology, Classics, English and Comparative Literature, French, German, History, Middle East and Asian Languages and Cultures, Philosophy, Political Science, Religion, Slavic Languages, and Sociology; and members of the Society of Fellows. A study in their historical context of major contributions to the intellectual traditions that underpin contemporary civilization. Emphasis is on the history of political, social, and philosophical thought. Students are expected to write at least three papers to complete two examinations, and to participate actively in class discussions

### **Fall 2024: COCI CC1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COCI 1102	JE1/21648	F 1:00pm - 3:00pm Othr Other	Oliver Simons	4.00	0/15

### **Spring 2025: COCI CC1102**

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
COCI 1102	001/10623	M W 8:10am - 10:00am 308a Lewisohn Hall	Qian Cao	4.00	20/21
COCI 1102	002/10624	M W 8:10am - 10:00am 301 Hamilton Hall	Joseph Schittone	4.00	21/20
COCI 1102	003/10625	M W 8:10am - 10:00am	Alice Gorton	4.00	21/21

COCI 1102 014/10636	M W 12:10pm - 2:00pm 316 Hamilton Hall	Isaac Stethem	4.00	20/20
COCI 1102 015/10637	M W 12:10pm - 2:00pm 608 Martin Luther King Building	Ellen Burns	4.00	21/20
COCI 1102 016/10638	M W 2:10pm - 4:00pm 224 Pupin Laboratories	Jennifer McDonald	4.00	20/20
COCI 1102 017/10639	M W 2:10pm - 4:00pm 607 Hamilton Hall	Akeel Bilgrami	4.00	20/21
COCI 1102 018/10640	M W 2:10pm - 4:00pm 253 Engineering Terrace	Nathan Feldman	4.00	20/20
COCI 1102 019/10641	M W 2:10pm - 4:00pm 222 Pupin Laboratories	Liam Dee	4.00	20/21
COCI 1102 020/10642	M W 2:10pm - 4:00pm 325 Pupin Laboratories	Whitney McIntosh	4.00	20/20
COCI 1102 021/10643	M W 2:10pm - 4:00pm 425 Pupin Laboratories	Jamil Sbitan	4.00	21/21
COCI 1102 022/10644	M W 2:10pm - 4:00pm	Jean Cohen	4.00	13/20

COCI 1102 023/10645	306 Hamilton Hall M W 4:10pm - 6:00pm	Richard John	4.00	19/21	COCI 1102 043/10665	507 Philosophy Hall T Th 10:10am - 12:00pm	Thomas Dodman	4.00	21/21
COCI 1102 024/10646	111 Carman Hall M W 4:10pm - 6:00pm	Amogha Sahu	4.00	22/20	COCI 1102 044/10666	307 Pupin Laboratories T Th 2:10pm - 4:00pm	Ryan Carr	4.00	19/20
COCI 1102 025/10647	253 Engineering Terrace M W 4:10pm - 6:00pm	Jesse Chevan	4.00	22/21	COCI 1102 045/10667	111 Carman Hall T Th 2:10pm - 4:00pm	Charly Coleman	4.00	18/21
COCI 1102 026/10648	501a International Affairs Bldg M W 4:10pm - 6:00pm	Ruairidh MacLeod	4.00	21/20	COCI 1102 046/10668	507 Philosophy Hall T Th 2:10pm - 4:00pm	Richard Billows	4.00	20/20
COCI 1102 027/10649	425 Pupin Laboratories M W 4:10pm - 6:00pm	Kathy Eden	4.00	21/21	COCI 1102 047/10669	316 Hamilton Hall T Th 2:10pm - 4:00pm	Christopher Hoffman	4.00	21/21
COCI 1102 028/10650	306 Hamilton Hall M W 4:10pm - 6:00pm	Larry Jackson	4.00	22/20	COCI 1102 048/10670	402 Hamilton Hall T Th 2:10pm - 4:00pm	Conor Cullen	4.00	21/20
COCI 1102 029/10651	507 Hamilton Hall M W 6:10pm - 8:00pm	Ethan Jacobs	4.00	20/21	COCI 1102 049/10671	C01 80 Claremont T Th 2:10pm - 4:00pm	Christopher Brown	4.00	22/21
COCI 1102 030/10652	306 Hamilton Hall M W 6:10pm - 8:00pm	Jacob Haagenson	4.00	20/20	COCI 1102 050/10672	306 Uris Hall T Th 2:10pm - 4:00pm	Prashant Iyengar	4.00	20/20
COCI 1102 031/10653	301 Hamilton Hall M W 6:10pm - 8:00pm	Jennifer McDonald	4.00	21/21	COCI 1102 051/10673	301 Hamilton Hall T Th 2:10pm - 4:00pm	Angela Giordani	4.00	20/21
COCI 1102 032/10654	206 Broadway Residence Hall T Th 8:10am - 10:00am	Shaunna Rodrigues	4.00	22/20	COCI 1102 052/10674	253 Engineering Terrace T Th 2:10pm - 4:00pm	Joshua Whitford	4.00	20/20
COCI 1102 033/10655	109 Hartley Hall T Th 8:10am - 10:00am	Samuel Abrams	4.00	21/21	COCI 1102 053/10675	302 Hamilton Hall T Th 4:10pm - 6:00pm	Ryan Carr	4.00	21/21
COCI 1102 034/10656	302 Hamilton Hall T Th 8:10am - 10:00am	Anthony Garruzzo	4.00	21/20	COCI 1102 054/10676	111 Carman Hall T Th 4:10pm - 6:00pm	Johannah King-Slutsky	4.00	16/20
COCI 1102 035/10657	306 Hamilton Hall T Th 10:10am - 12:00pm	Shaunna Rodrigues	4.00	22/21	COCI 1102 055/10677	607 Martin Luther King Building T Th 4:10pm - 6:00pm	Grace Bickers	4.00	21/21
COCI 1102 036/10658	109 Hartley Hall T Th 10:10am - 12:00pm	Angela Giordani	4.00	21/20	COCI 1102 056/10678	253 Engineering Terrace T Th 4:10pm - 6:00pm	Liam Dee	4.00	20/20
COCI 1102 037/10659	608 Martin Luther King Building T Th 10:10am - 12:00pm	Conor Cullen	4.00	22/21	COCI 1102 057/10679	302 Hamilton Hall T Th 4:10pm - 6:00pm	Anthony Garruzzo	4.00	22/21
COCI 1102 038/10660	569 Alfred Lerner Hall T Th 10:10am - 12:00pm	Matthew Engelke	4.00	19/20	COCI 1102 058/10680	306 Hamilton Hall T Th 4:10pm - 6:00pm		4.00	22/20
COCI 1102 039/10661	101 80 Claremont T Th 10:10am - 12:00pm	Gil Anidjar	4.00	22/21	COCI 1102 059/10681	402 Hamilton Hall T Th 4:10pm - 6:00pm	Nathaniel Berman	4.00	22/21
COCI 1102 040/10662	111 Carman Hall T Th 10:10am - 12:00pm	Andrew Nathan	4.00	19/20	COCI 1102 060/10682	309 Hamilton Hall T Th 6:10pm - 8:00pm	Gal Katz	4.00	20/20
COCI 1102 041/10663	302 Hamilton Hall T Th 10:10am - 12:00pm	Luke Lea	4.00	21/21	COCI 1102 061/10683	309 Hamilton Hall T Th 6:10pm - 8:00pm	Gautham Shiralagi	4.00	21/21
COCI 1102 042/10664	477 Alfred Lerner Hall T Th 10:10am - 12:00pm	Ali Karjoo-Ravary	4.00	21/20	COCI 1102 062/10684	306 Hamilton Hall T Th 6:10pm - 8:00pm	Sinead Carolan	4.00	15/20

COCI 1102 065/10688 M W 2:10pm - Adam 4.00 21/21  
4:00pm Reich  
306 Uris Hall

## ART HUMANITIES

### Chair of Art Humanities

Ioannis Mylonopoulos

Associate Professor of Art History and Archaeology

jm3193@columbia.edu

### Art Humanities Website

HUMA UN1121 “*Art Humanities*” has been a degree requirement for all College students and an integral part of the Core Curriculum since 1947. It helps students develop their visual literacy through looking at, thinking about, and engaging in critical discussion of the visual arts. It is not a historical survey, but an analytical study of a limited number of monuments and artists. The course focuses on the formal structure of works of architecture, sculpture, painting, and other media, as well as the historical contexts in which these works were made and understood. Among the topics on the syllabus are the Parthenon, Cordoba Mosque-Cathedral and Amiens Cathedral, and works by Raphael, Sofonisba, Anguissola, Michelangelo, Gian Lorenzo Bernini, Luisa Roldán, Rembrandt van Rijn, Clara Peeters, Jacques-Louis David, Angelica Kauffman, Francisco Goya, Claude Monet, Edouard Manet, Mary Cassatt, Berthe Morisot, Pablo Picasso, Romare Bearden, Frank Lloyd Wright, Le Corbusier, Andy Warhol, Jean-Michel Basquiat, and Cindy Sherman. In addition to discussion-based class meetings, all sections of Art Humanities make extensive use of the vast resources of New York City through field trips to museums, buildings, and monuments.

## REGISTRATION PROCEDURE

All information concerning registration in HUMA UN1121 MASTERPIECES OF WESTERN ART is included in the registration materials sent to students. It is the expectation of the College that all students complete *Art Humanities* by the end of their third year.

All Core Curriculum courses, including *Art Humanities*, must be taken for a letter grade. Students may not drop or withdraw from *Art Humanities* after the Core drop deadline (which is also the end of the [Change-of-Program period](#) (p. 4)). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### HUMA UN1121 MASTERPIECES OF WESTERN ART.

**3.00 points.**

Discussion and analysis of the artistic qualities and significance of selected works of painting, sculpture, and architecture from the Parthenon in Athens to works of the 20th century

Fall 2024: HUMA UN1121

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
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HUMA 1121	001/10799	M W 8:40am - 9:55am 604 Schermerhorn Hall	Marina Correa	3.00	22/22
HUMA 1121	002/10800	M W 8:40am - 9:55am 607 Schermerhorn Hall	Aaron Slodounik	3.00	22/22
HUMA 1121	003/10801	M W 8:40am - 9:55am 608 Schermerhorn Hall	Sait Kutay Sen	3.00	19/22
HUMA 1121	004/10802	M W 8:40am - 9:55am 832 Schermerhorn Hall	Martina Mims	3.00	21/22
HUMA 1121	005/10803	M W 10:10am - 11:25am 604 Schermerhorn Hall	Xiaohan Du	3.00	22/22
HUMA 1121	006/10804	M W 10:10am - 11:25am 607 Schermerhorn Hall	Ioannis Mylonopoulos	3.00	22/22
HUMA 1121	007/10805	M W 10:10am - 11:25am 608 Schermerhorn Hall	Zeynep Celik Alexander	3.00	20/22
HUMA 1121	008/10806	M W 10:10am - 11:25am 832 Schermerhorn Hall	Francesco Cassini	3.00	22/22
HUMA 1121	009/10807	M W 11:40am - 12:55pm 604 Schermerhorn Hall	Brandon Agosto	3.00	22/22
HUMA 1121	010/10808	M W 11:40am - 12:55pm 607 Schermerhorn Hall	Irina Oryshkevich	3.00	21/22
HUMA 1121	011/10809	M W 11:40am - 12:55pm 608 Schermerhorn Hall	Tara Kuruvilla	3.00	22/22
HUMA 1121	012/10810	M W 11:40am - 12:55pm 832 Schermerhorn Hall	Emily Spratt	3.00	20/22
HUMA 1121	013/10811	M W 1:10pm - 2:25pm 604 Schermerhorn Hall	Xiaohan Du	3.00	20/22
HUMA 1121	014/10812	M W 1:10pm - 2:25pm 607 Schermerhorn Hall	Susannah Blair	3.00	21/22
HUMA 1121	015/10813	M W 1:10pm - 2:25pm 608 Schermerhorn Hall	Tara Kuruvilla	3.00	22/22
HUMA 1121	016/10814	M W 1:10pm - 2:25pm 832 Schermerhorn Hall	Francesco Cassini	3.00	21/22
HUMA 1121	017/10815	M W 2:40pm - 3:55pm 604 Schermerhorn Hall	Lynnette Widder	3.00	22/22

HUMA 1121	018/10816	M W 2:40pm - 3:55pm 607 Schermerhorn Hall	Susannah Blair	3.00	22/22	HUMA 1121	035/10835	T Th 1:10pm - 2:25pm 608 Schermerhorn Hall	Hannah Pivo	3.00	22/22
HUMA 1121	019/10817	M W 2:40pm - 3:55pm 608 Schermerhorn Hall	Monica Bulger	3.00	21/22	HUMA 1121	036/10836	T Th 2:40pm - 3:55pm 604 Schermerhorn Hall	Branden Joseph	3.00	22/22
HUMA 1121	020/10818	M W 4:10pm - 5:25pm 604 Schermerhorn Hall	Eleonora Pistis	3.00	22/22	HUMA 1121	037/10837	T Th 2:40pm - 3:55pm 607 Schermerhorn Hall	Lucas Cohen	3.00	21/22
HUMA 1121	021/10819	M W 4:10pm - 5:25pm 607 Schermerhorn Hall	Laura Tibi	3.00	20/22	HUMA 1121	038/10838	T Th 2:40pm - 3:55pm 608 Schermerhorn Hall	Diana Mellon	3.00	21/22
HUMA 1121	022/10820	M W 4:10pm - 5:25pm 608 Schermerhorn Hall	Monica Bulger	3.00	21/22	HUMA 1121	039/10839	T Th 4:10pm - 5:25pm 604 Schermerhorn Hall	Matthew Teti	3.00	19/22
HUMA 1121	023/10821	M W 5:40pm - 6:55pm 604 Schermerhorn Hall	Cecilia Resende Santos	3.00	22/22	HUMA 1121	040/10840	T Th 4:10pm - 5:25pm 607 Schermerhorn Hall	Alex Marko	3.00	22/22
HUMA 1121	024/10822	M W 5:40pm - 6:55pm 607 Schermerhorn Hall	Emma Leidy	3.00	19/22	HUMA 1121	041/10841	T Th 4:10pm - 5:25pm 608 Schermerhorn Hall	Rebecca Yuste-Golob	3.00	22/22
HUMA 1121	025/10823	M W 5:40pm - 6:55pm 608 Schermerhorn Hall	Kent Minturn	3.00	22/22	HUMA 1121	042/10842	T Th 5:40pm - 6:55pm 604 Schermerhorn Hall	Muge Arseven	3.00	22/22
HUMA 1121	026/10825	T Th 8:40am - 9:55am 604 Schermerhorn Hall	Alessandra Di Croce	3.00	21/22	HUMA 1121	043/10843	T Th 5:40pm - 6:55pm 607 Schermerhorn Hall	Giulia Bertoni	3.00	21/22
HUMA 1121	027/10826	T Th 8:40am - 9:55am 607 Schermerhorn Hall	Page Knox	3.00	21/22	HUMA 1121	044/10844	T Th 5:40pm - 6:55pm 608 Schermerhorn Hall	Diana Mellon	3.00	21/22
HUMA 1121	028/10827	T Th 8:40am - 9:55am 608 Schermerhorn Hall	Leah Werier	3.00	22/22	HUMA 1121	045/10845	T Th 7:40pm - 8:55pm 604 Schermerhorn Hall	Muge Arseven	3.00	20/22
HUMA 1121	029/10829	T Th 8:40am - 9:55am 832 Schermerhorn Hall	Leslie Tait	3.00	22/22	<b>Spring 2025: HUMA UN1121</b>					
						<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>
HUMA 1121	030/10830	T Th 10:10am - 11:25am 604 Schermerhorn Hall	Meredith Gamer	3.00	22/22	HUMA 1121	001/14154	M W 8:40am - 9:55am 604 Schermerhorn Hall	Sait Kutay Sen	3.00	20/22
HUMA 1121	031/10831	T Th 10:10am - 11:25am 607 Schermerhorn Hall	Frederique Baumgartner	3.00	22/22	HUMA 1121	002/14161	M W 8:40am - 9:55am 607 Schermerhorn Hall	Aaron Slodounik	3.00	22/22
HUMA 1121	032/10832	T Th 10:10am - 11:25am 608 Schermerhorn Hall	Leah Werier	3.00	22/22	HUMA 1121	003/14162	M W 8:40am - 9:55am 608 Schermerhorn Hall	Rachel Hutcheson	3.00	21/22
HUMA 1121	033/10833	T Th 1:10pm - 2:25pm 604 Schermerhorn Hall	Daniel Smith	3.00	22/22	HUMA 1121	004/14164	M W 8:40am - 9:55am 832 Schermerhorn Hall	Martina Mims	3.00	22/22
HUMA 1121	034/10834	T Th 1:10pm - 2:25pm 607 Schermerhorn Hall	Lucas Cohen	3.00	21/22	HUMA 1121	005/14166	M W 10:10am - 11:25am 604 Schermerhorn Hall	Xiaohan Du	3.00	20/22



HUMA 1121	006/14167	M W 10:10am - 11:25am 607 Schermerhorn Hall	Sophia Merkin	3.00	22/22	HUMA 1121	023/14243	M W 5:40pm - 6:55pm 604 Schermerhorn Hall	Cecilia Resende Santos	3.00	22/22
HUMA 1121	007/14171	M W 10:10am - 11:25am 608 Schermerhorn Hall	Rachel Hutcheson	3.00	22/22	HUMA 1121	024/14245	M W 5:40pm - 6:55pm 607 Schermerhorn Hall	Emma Leidy	3.00	20/22
HUMA 1121	008/14174	M W 10:10am - 11:25am 832 Schermerhorn Hall	Caroline Wamsler	3.00	22/22	HUMA 1121	025/14247	M W 5:40pm - 6:55pm 608 Schermerhorn Hall	Kent Minturn	3.00	22/22
HUMA 1121	009/14179	M W 11:40am - 12:55pm 604 Schermerhorn Hall	Xiaohan Du	3.00	22/22	HUMA 1121	026/14248	T Th 8:40am - 9:55am 604 Schermerhorn Hall	Alessandra Di Croce	3.00	22/22
HUMA 1121	010/14180	M W 11:40am - 12:55pm 607 Schermerhorn Hall	Sophia Merkin	3.00	22/22	HUMA 1121	027/14249	T Th 8:40am - 9:55am 607 Schermerhorn Hall	Page Knox	3.00	22/22
HUMA 1121	011/14183	M W 11:40am - 12:55pm 608 Schermerhorn Hall	Tara Kuruvilla	3.00	22/22	HUMA 1121	028/14265	T Th 8:40am - 9:55am 608 Schermerhorn Hall	Leah Werier	3.00	22/22
HUMA 1121	012/14187	M W 11:40am - 12:55pm 832 Schermerhorn Hall	Brandon Agosto	3.00	21/22	HUMA 1121	029/14266	T Th 8:40am - 9:55am 832 Schermerhorn Hall	Leslie Tait	3.00	15/22
HUMA 1121	013/14190	M W 1:10pm - 2:25pm 604 Schermerhorn Hall	Francesco Cassini	3.00	22/22	HUMA 1121	030/14267	T Th 10:10am - 11:25am 604 Schermerhorn Hall	Diana Mellon	3.00	22/22
HUMA 1121	014/14195	M W 1:10pm - 2:25pm 607 Schermerhorn Hall	Susannah Blair	3.00	22/22	HUMA 1121	031/14268	T Th 10:10am - 11:25am 607 Schermerhorn Hall	Daniel Smith	3.00	22/22
HUMA 1121	015/14200	M W 1:10pm - 2:25pm 608 Schermerhorn Hall	Tara Kuruvilla	3.00	22/22	HUMA 1121	032/14269	T Th 10:10am - 11:25am 608 Schermerhorn Hall	Leah Werier	3.00	21/22
HUMA 1121	016/14219	M W 2:40pm - 3:55pm 604 Schermerhorn Hall	Francesco Cassini	3.00	19/22	HUMA 1121	033/14270	T Th 1:10pm - 2:25pm 604 Schermerhorn Hall	Susan Sivard	3.00	21/22
HUMA 1121	017/14224	M W 2:40pm - 3:55pm 607 Schermerhorn Hall	Susannah Blair	3.00	20/22	HUMA 1121	034/14271	T Th 1:10pm - 2:25pm 607 Schermerhorn Hall	Lucas Cohen	3.00	21/22
HUMA 1121	018/14229	M W 2:40pm - 3:55pm 608 Schermerhorn Hall	Monica Bulger	3.00	22/22	HUMA 1121	035/14273	T Th 1:10pm - 2:25pm 608 Schermerhorn Hall	Emily Spratt	3.00	11/22
HUMA 1121	019/14230	M W 2:40pm - 3:55pm 832 Schermerhorn Hall	Sophia D'Addio	3.00	21/22	HUMA 1121	036/14274	T Th 2:40pm - 3:55pm 604 Schermerhorn Hall	Muge Arseven	3.00	22/22
HUMA 1121	020/14231	M W 4:10pm - 5:25pm 604 Schermerhorn Hall	Irina Oryshkevich	3.00	22/22	HUMA 1121	037/14276	T Th 2:40pm - 3:55pm 607 Schermerhorn Hall	Lucas Cohen	3.00	22/22
HUMA 1121	021/14237	M W 4:10pm - 5:25pm 607 Schermerhorn Hall	Laura Tibi	3.00	19/22	HUMA 1121	038/14278	T Th 2:40pm - 3:55pm 608 Schermerhorn Hall	Diana Mellon	3.00	22/22
HUMA 1121	022/14240	M W 4:10pm - 5:25pm 608 Schermerhorn Hall	Monica Bulger	3.00	21/22	HUMA 1121	039/14280	T Th 4:10pm - 5:25pm 604 Schermerhorn Hall	Muge Arseven	3.00	21/22

HUMA 1121	040/14282	T Th 4:10pm - 5:25pm 607 Schermerhorn Hall	Matthew Teti	3.00	4/22
HUMA 1121	041/14284	T Th 4:10pm - 5:25pm 608 Schermerhorn Hall	Alex Marko	3.00	18/22
HUMA 1121	042/14286	T Th 4:10pm - 5:25pm 832 Schermerhorn Hall	Catherine Zhu	3.00	20/22
HUMA 1121	043/14376	T Th 5:40pm - 6:55pm 604 Schermerhorn Hall	Valerie Zinner	3.00	19/22
HUMA 1121	044/14377	T Th 5:40pm - 6:55pm 607 Schermerhorn Hall	Ioanna Theocharopoulou	3.00	20/22
HUMA 1121	045/14378	T Th 7:40pm - 8:55pm 604 Schermerhorn Hall	Valerie Zinner	3.00	20/22

# MUSIC HUMANITIES

## Chair of Music Humanities

Prof. Benjamin Steege  
[bas39@columbia.edu](mailto:bas39@columbia.edu)

## Music Humanities Website

The focus of *Music Humanities* is on the many forms of the Western musical imagination in art music, through works studied in their historical and cultural contexts. The specific goals of the course are to awaken and encourage active, critical, and comparative listening practices, to provide tools to respond verbally to a variety of musical idioms, and to create engagement with the debates about the character and purposes of music that have occupied composers and musical thinkers since ancient times. The extraordinary richness of musical life in New York is an integral part of the course.

The course moves chronologically from the Middle Ages to the present, examining the choices and assumptions of composers, their patrons, audiences, and performers, and exploring what we can and can't know about how music of the past may have sounded. Students' critical perceptions and articulate responses to the music, and to the source readings that are a hallmark of the Core, will be a vital part of the class.

## REGISTRATION PROCEDURE

All information concerning registration in HUMA UN1123 Music Humanities is included in the registration materials sent to students. It is the expectation of the College that all students complete *Music Humanities* by the end of their third year.

All Core Curriculum courses, including *Music Humanities*, must be taken for a letter grade. Students may not drop or withdraw

from *Music Humanities* after the Core drop deadline (which is also the end of the Change-of-Program period (p. 4)). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### HUMA UN1123 Music Humanities. 3.00 points.

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

#### Fall 2024: HUMA UN1123

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
HUMA 1123	001/10753	M W 8:40am - 9:55am 404 Dodge Building	Kristy Barbacane	3.00	25/25
HUMA 1123	002/10757	M W 8:40am - 9:55am 405 Dodge Building	Gabrielle Ferrari	3.00	24/25
HUMA 1123	003/10758	M W 8:40am - 9:55am 716 Hamilton Hall	Calder Hannan	3.00	25/25
HUMA 1123	004/10759	M W 10:10am - 11:25am 404 Dodge Building	Mariusz Kozak	3.00	25/25
HUMA 1123	005/10760	M W 10:10am - 11:25am 405 Dodge Building	Gabrielle Ferrari	3.00	25/25
HUMA 1123	006/10761	M W 10:10am - 11:25am 716 Hamilton Hall	Galen DeGraf	3.00	22/25
HUMA 1123	007/10762	M W 1:10pm - 2:25pm 404 Dodge Building	Mariusz Kozak	3.00	25/25
HUMA 1123	008/10763	M W 1:10pm - 2:25pm 716 Hamilton Hall	Audrey Amsellem	3.00	24/25
HUMA 1123	009/10764	M W 2:40pm - 3:55pm 404 Dodge Building	Hannah Kendall	3.00	25/25
HUMA 1123	010/10765	M W 2:40pm - 3:55pm 405 Dodge Building	Thomas Wetmore	3.00	23/25
HUMA 1123	011/10766	M W 2:40pm - 3:55pm 716 Hamilton Hall	Audrey Amsellem	3.00	25/25
HUMA 1123	012/10767	M W 4:10pm - 5:25pm 404 Dodge Building	Hannah Kendall	3.00	24/25
HUMA 1123	013/10768	M W 4:10pm - 5:25pm 405 Dodge Building	Kathryn Cooke	3.00	25/25
HUMA 1123	014/10769	M W 4:10pm - 5:25pm 716 Hamilton Hall	Diana Rodriguez	3.00	25/25
HUMA 1123	015/10770	M W 5:40pm - 6:55pm 404 Dodge Building	Ralph Whyte	3.00	23/25
HUMA 1123	016/10771	M W 5:40pm - 6:55pm 405 Dodge Building	David Farrow	3.00	25/25
HUMA 1123	017/10772	M W 5:40pm - 6:55pm 716 Hamilton Hall	Manuel Garcia Orozco	3.00	25/25
HUMA 1123	018/10773	T Th 8:40am - 9:55am 404 Dodge Building	Knar Abrahamyan	3.00	24/25

HUMA 1123	029/10785	T Th 3:55pm - 716 Hamilton Hall	Ivanova	3.00	24/25	HUMA 1123	015/10733	M W 5:40pm - 6:55pm 404 Dodge Building	Cristina Gonzalez Rojo	3.00	25/25
HUMA 1123	030/10785	T Th 4:10pm - 5:25pm 404 Dodge Building	Elaine Sisman	3.00	25/25	HUMA 1123	016/10734	M W 5:40pm - 6:55pm 405 Dodge Building	Manuel Garcia Orozco	3.00	24/25
HUMA 1123	031/10786	T Th 4:10pm - 5:25pm 405 Dodge Building	Saad Haddad	3.00	25/25	HUMA 1123	017/10735	M W 5:40pm - 6:55pm 716 Hamilton Hall	Russell O'Rourke	3.00	25/25
HUMA 1123	032/10787	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Ryan Pratt	3.00	25/25	HUMA 1123	018/10736	T Th 8:40am - 9:55am 404 Dodge Building	Madeleine Turner	3.00	25/25
HUMA 1123	033/10788	T Th 5:40pm - 6:55pm 404 Dodge Building	Marilyn McCoy	3.00	24/25	HUMA 1123	019/10737	T Th 8:40am - 9:55am 405 Dodge Building	Scott Douglass	3.00	25/25
HUMA 1123	034/10789	T Th 5:40pm - 6:55pm 405 Dodge Building	Ashkan Behzadi	3.00	23/25	HUMA 1123	020/10738	T Th 8:40am - 9:55am 716 Hamilton Hall	Nandini Banerjee- Datta	3.00	25/25
HUMA 1123	035/10790	T Th 5:40pm - 6:55pm 716 Hamilton Hall	Justin Gregg	3.00	24/25	HUMA 1123	021/10739	T Th 10:10am - 11:25am 404 Dodge Building	Madeleine Turner	3.00	25/25
HUMA 1123	JE1/21646	T 4:00pm - 6:00pm Othr Other	Audrey Amsellem	3.00	7/7	HUMA 1123	022/10740	T Th 10:10am - 11:25am 405 Dodge Building	Walter Frisch	3.00	25/25
<b>Spring 2025: HUMA UN1123</b>						HUMA 1123	023/10741	T Th 10:10am - 11:25am 716 Hamilton Hall	Nandini Banerjee- Datta	3.00	25/25
<b>Course Number</b>	<b>Section/Call Number</b>	<b>Times/Location</b>	<b>Instructor</b>	<b>Points</b>	<b>Enrollment</b>	HUMA 1123	024/10742	T Th 11:40am - 12:55pm 405 Dodge Building	Knar Abrahamyan	3.00	25/25
HUMA 1123	001/10719	M W 8:40am - 9:55am 404 Dodge Building	Amanda Morrill	3.00	24/25	HUMA 1123	025/10743	T Th 1:10pm - 2:25pm 404 Dodge Building	Christopher Washburne	3.00	25/25
HUMA 1123	002/10720	M W 8:40am - 9:55am 405 Dodge Building	Calder Hannan	3.00	24/25	HUMA 1123	026/10744	T Th 1:10pm - 2:25pm 716 Hamilton Hall	Gabrielle Ferrari	3.00	23/25
HUMA 1123	003/10721	M W 8:40am - 9:55am 716 Hamilton Hall	Velia Ivanova	3.00	25/25	HUMA 1123					
HUMA 1123	004/10722	M W 10:10am - 11:25am	Mariusz Kozak	3.00	25/25						

HUMA 1123	027/10745	T Th 2:40pm - 3:55pm 404 Dodge Building	Joshua Navon	3.00	25/25
HUMA 1123	028/10746	T Th 2:40pm - 3:55pm 405 Dodge Building	Hannah Kendall	3.00	24/25
HUMA 1123	029/10747	T Th 2:40pm - 3:55pm 716 Hamilton Hall	Gabrielle Ferrari	3.00	25/25
HUMA 1123	030/10748	T Th 4:10pm - 5:25pm 404 Dodge Building	Sasha Doster	3.00	25/25
HUMA 1123	031/10749	T Th 4:10pm - 5:25pm 405 Dodge Building	Hannah Kendall	3.00	24/25
HUMA 1123	032/10750	T Th 4:10pm - 5:25pm 716 Hamilton Hall	Phoenix Collins-Sadriyoun	3.00	24/25
HUMA 1123	033/10751	T Th 5:40pm - 6:55pm 404 Dodge Building	Marilyn McCoy	3.00	24/25
HUMA 1123	034/10752	T Th 5:40pm - 6:55pm 405 Dodge Building	David Farrow	3.00	24/25
HUMA 1123	035/10753	T Th 5:40pm - 6:55pm 716 Hamilton Hall	Diana Rodriguez	3.00	25/25

## EXEMPTION FROM MUSIC HUMANITIES

Although all Columbia students are expected to take *Music Humanities*, there are some students who enter with exceptional musical backgrounds that may qualify them for exemption. Exemption from *Music Humanities* may be obtained by passing an Exemption Exam. In the case of transfer students, exemption may also be obtained by filing a course substitution request.

### Exemption Exam

The Exemption Exam is offered on the first Friday of the fall semester by the Music Department (621 Dodge Hall). Students who matriculate in the spring semester should take the exam in the following fall term. Students may take the exam only once during their first year at Columbia. If they do not pass the exam, they must enroll in a section of *Music Humanities*.

### Course Substitution

In addition to the Exemption Exam, students with approved transfer credit have the option of requesting exemption on the basis of a similar music course passed with a grade of B or higher at another college or university. This exemption must be requested during the student's first semester at Columbia. Petitions submitted in subsequent semesters will not be considered by the Center for the Core Curriculum.

## FRONTIERS OF SCIENCE

### Chair of Frontiers of Science

Prof. Ruben Gonzalez

[rlg2118@columbia.edu](mailto:rlg2118@columbia.edu)

### Frontiers of Science Website

*SCNC CC1000 FRONTIERS OF SCIENCE* and *SCNC CC1100 FRONTIERS OF SCIENCE-DISC* is a one-semester course that integrates modern science into the Core Curriculum. The course includes lectures and seminar sections. On Mondays throughout the semester, each of Columbia's leading scientists present a mini-series of lectures. During the rest of the week, senior faculty and Columbia post-doctoral science fellows (research scientists selected for their teaching abilities) lead seminar sections limited to twenty-two students to discuss the lecture and its associated readings, and to debate the implications of the most recent scientific discoveries. *Frontiers of Science* satisfies one of the three required courses of the science requirement for Columbia College.

## REGISTRATION PROCEDURE

All information concerning registration in *SCNC CC1000 FRONTIERS OF SCIENCE* is included in the registration materials sent to students. All first-year students are preregistered in *Frontiers of Science*. Prospective science majors may petition the Committee on Science Instruction to be allowed to postpone taking *Frontiers of Science* until their sophomore year, if they are enrolled in the following courses during their first-year in the College:

1. Literature Humanities (HUMA CC1001);
2. A mathematics course;
3. A language course at the elementary II level or above;
4. One of the following science major sequences:

CHEM UN2045 & CHEM UN2046	INTENSVE ORGANIC CHEMISTRY and INTENSVE ORG CHEM- FOR 1ST YEAR (formerly CHEM W3045-CHEM W3046)
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PHYS UN1601 & PHYS UN1602	PHYSICS I:MECHANICS/ RELATIVITY and PHYSICS II: THERMO, ELEC # MAG
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PHYS UN2801 & PHYS UN2802	ACCELERATED PHYSICS I and ACCELERATED PHYSICS II
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Students wishing to petition to postpone should do so in the [Berick Center for Student Advising](#) located in 403 Lerner.

All Core Curriculum courses, including *Frontiers of Science*, must be taken for a letter grade. Students may not drop or withdraw from *Frontiers of Science* after the Core drop deadline (which is also the end of the [Change-of-Program period](#) (p. 4)). For more information, see *Registration—Dropping Core Courses*.

## COURSES OF INSTRUCTION

### SCNC CC1000 FRONTIERS OF SCIENCE. 4.00 points.

Corequisites: SCNC CC1100

Corequisites: SCNC CC1100 The principal objectives of Frontiers of Science are to engage students in the process of discovery by exploring topics at the forefront of science and to inculcate or reinforce the specific habits of mind that inform a scientific perspective on the world. Sample topics include the brain and behavior, global climate change, relativity, and biodiversity, among others. Taught by members of natural science departments and Columbia Science Fellows

#### Fall 2024: SCNC CC1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SCNC 1000	001/10992	M 10:30am - 12:00pm 147 Horace Mann Hall	Ivana Hughes	4.00	579/600

#### Spring 2025: SCNC CC1000

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
SCNC 1000	001/10702	M 10:30am - 12:00pm 147 Horace Mann Hall	Ivana Hughes	4.00	566/600

## UNIVERSITY WRITING

### Director of the Undergraduate Writing Program

Dr. Nicole B. Wallack  
[nw2108@columbia.edu](mailto:nw2108@columbia.edu)

### Undergraduate Writing Program Office

310 Philosophy  
 212-854-3886  
[uwp@columbia.edu](mailto:uwp@columbia.edu)

### Undergraduate Writing Website

ENGL CC1010 UNIVERSITY WRITING is a one-semester seminar designed to facilitate students' entry into the intellectual life of the university by teaching them to become more capable and independent academic readers and writers. The course emphasizes habits of mind and skills that foster students' capacities for critical analysis, argument, revision, collaboration, meta-cognition, and research. Students read and discuss essays from a number of fields, complete regular informal reading and writing exercises, compose several longer essays, and devise a research-based project of their own design.

## COURSES OF INSTRUCTION

### ENGL CC1010 UNIVERSITY WRITING. 3.00 points.

ENGL CC/GS1010: University Writing, is a one-semester seminar designed to facilitate students' entry into the intellectual life of the university by teaching them to become more capable and independent academic readers and writers. The course emphasizes habits of mind and skills that foster students' capacities for critical analysis, argument, revision, collaboration,

meta-cognition, and research. Students read and discuss essays from a number of fields, complete regular informal reading and writing exercises, compose several longer essays, and devise a research-based project of their own design. Courses of Instruction ENGL CC1010 University Writing. 3 points. ENGL CC/GS1010: University Writing (3 points) focuses on developing students' reading, writing, and thinking, drawing from readings on a designated course theme that carry a broad appeal to people with diverse interests. No University Writing class presumes that students arrive with prior knowledge in the theme of the course. We are offering the following themes this year: UW: Contemporary Essays, CC/GS1010.001-.099 UW: Readings in American Studies, CC/GS1010.1xx UW: Readings in Gender and Sexuality, CC/GS1010.2xx UW: Readings in Film and Performing Arts, CC/GS1010.3xx UW: Readings in Urban Studies, CC/GS1010.4xx (will be sharing 400s with Human Rights) UW: Readings in Climate Humanities, CC/GS1010.5xx (will be sharing 500s with Data # Society) UW: Readings in Medical Humanities, CC/GS1010.6xx UW: Readings in Law # Justice, CC/GS1010.7xx UW: Readings in Race and Ethnicity, CC/GS1010.8xx University Writing for International Students, CC/GS1010.9xx For further details about these classes, please visit: <http://www.college.columbia.edu/core/uwp>

#### Fall 2024: ENGL CC1010

Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment
ENGL 1010	003/17578	M W 8:40am - 9:55am 201d Philosophy Hall	Alina Shubina	3.00	14/14
ENGL 1010	007/16633	M W 10:10am - 11:25am 408a Philosophy Hall	Julia DeBenedictis	3.00	14/14
ENGL 1010	022/16640	M W 4:10pm - 5:25pm 307 Mathematics Building	James Gao	3.00	14/14
ENGL 1010	024/16642	M W 4:10pm - 5:25pm 305 Uris Hall	Julia Walton	3.00	14/14
ENGL 1010	031/16105	T Th 10:10am - 11:25am 652 Schermerhorn Hall	Abigail Melick	3.00	14/14
ENGL 1010	038/16652	T Th 11:40am - 12:55pm 408a Philosophy Hall	Sophia Featherstone	3.00	14/14
ENGL 1010	042/16106	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Abigail Melick	3.00	14/14
ENGL 1010	053/17577	T Th 5:40pm - 6:55pm 201b Philosophy Hall	Ashley Leader	3.00	13/14
ENGL 1010	054/20923	T Th 4:10pm - 5:25pm 508 Lewisohn Hall	Kristie Schlauff	3.00	14/14
ENGL 1010	055/20924	T Th 11:40am - 12:55pm	Valeria Tsygankova	3.00	12/14



ENGL 1010 056/20926	606 Lewisohn Hall T Th 5:40pm - 6:55pm	Kristie Schlauraff	3.00	14/14	ENGL 1010 514/16115	M W 1:10pm - 2:25pm 307 Mathematics Building	Kirkwood Adams	3.00	14/14
ENGL 1010 109/16107	508 Lewisohn Hall M W 11:40am - 12:55pm	Jessica Campbell	3.00	14/14	ENGL 1010 518/16116	M W 2:40pm - 3:55pm 408a Philosophy Hall	Lauren Horst	3.00	14/14
ENGL 1010 113/16108	652 Schermerhorn Hall M W 1:10pm - 2:25pm	Jessica Campbell	3.00	14/14	ENGL 1010 519/16638	M W 2:40pm - 3:55pm 307 Mathematics Building	Margaret Banks	3.00	13/14
ENGL 1010 115/16109	502 Northwest Corner M W 1:10pm - 2:25pm	Austin Mantele	3.00	14/14	ENGL 1010 521/16117	M W 4:10pm - 5:25pm 408a Philosophy Hall	Lauren Horst	3.00	13/14
ENGL 1010 129/16646	502 Northwest Corner T Th 8:40am - 9:55am	Alexander Burchfield	3.00	13/14	ENGL 1010 534/16650	T Th 10:10am - 11:25am 408a Philosophy Hall	Calleja Welsh	3.00	12/14
ENGL 1010 133/16649	307 Mathematics Building T Th 10:10am - 11:25am	Gabrielle Davis	3.00	14/14	ENGL 1010 537/17730	201d Philosophy Hall T Th 11:40am - 12:55pm	Ruilin Fan	3.00	14/14
ENGL 1010 205/16631	201d Philosophy Hall M W 10:10am - 11:25am	Chloe Tsolakoglou	3.00	14/14	ENGL 1010 539/16118	307 Mathematics Building T Th 1:10pm - 2:25pm	Kirkwood Adams	3.00	14/14
ENGL 1010 210/16634	602 Northwest Corner M W 11:40am - 12:55pm	Srija U	3.00	14/14	ENGL 1010 543/16119	652 Schermerhorn Hall T Th 2:40pm - 3:55pm	Aled Roberts	3.00	12/14
ENGL 1010 220/16639	305 Uris Hall M W 2:40pm - 3:55pm	Sumant Rao	3.00	14/14	ENGL 1010 544/16653	305 Uris Hall T Th 2:40pm - 3:55pm	Sophia Houghton	3.00	13/14
ENGL 1010 306/16635	502 Northwest Corner M W 10:10am - 11:25am	Kaleb Kemp	3.00	13/14	ENGL 1010 547/16654	502 Northwest Corner T Th 2:40pm - 3:55pm	Molly Pyne-Jaeger	3.00	13/14
ENGL 1010 317/16111	502 Northwest Corner M W 2:40pm - 3:55pm	Austin Mantele	3.00	14/14	ENGL 1010 628/16645	201b Philosophy Hall T Th 8:40am - 9:55am	Sarah Wingerter	3.00	13/14
ENGL 1010 323/16641	114 Knox Hall M W 4:10pm - 5:25pm	Morgan Holmes	3.00	14/14	ENGL 1010 630/16647	201d Philosophy Hall T Th 8:40am - 9:55am	Ramathi Bandaranayake	3.00	14/14
ENGL 1010 325/17697	652 Schermerhorn Hall M W 4:10pm - 5:25pm	Miranda Mazariegos	3.00	14/14	ENGL 1010 634/17583	305 Uris Hall T Th 10:10am - 11:25am	Michael D'Addario	3.00	14/14
ENGL 1010 327/16644	305 Uris Hall M W 5:40pm - 6:55pm	Peter Huhne	3.00	14/14	ENGL 1010 638/17584	305 Uris Hall T Th 11:40am - 12:55pm	Michael D'Addario	3.00	14/14
ENGL 1010 349/16112	201d Philosophy Hall T Th 4:10pm - 5:25pm	Emily Weitzman	3.00	14/14	ENGL 1010 650/16655	502 Northwest Corner T Th 4:10pm - 5:25pm	Alice Clapie	3.00	14/14
ENGL 1010 416/16637	304 Hamilton Hall M W 2:40pm - 3:55pm	Elizabeth Furlong	3.00	14/14	ENGL 1010 704/16120	201b Philosophy Hall M W 10:10am - 11:25am	Elizabeth Cargile	3.00	13/14
ENGL 1010 436/16113	201b Philosophy Hall T Th 11:40am - 12:55pm	Therese Cox	3.00	14/14	ENGL 1010 708/16121	201b Philosophy Hall M W 11:40am - 12:55pm	Elizabeth Cargile	3.00	14/14
ENGL 1010 512/16114	201d Philosophy Hall M W 1:10pm - 2:25pm	Aled Roberts	3.00	13/14	ENGL 1010 711/16632	M W 11:40am - 12:55pm	Kaagni Harekal	3.00	14/14

		407 Mathematics Building					408a Philosophy Hall			
ENGL 1010 741/16122		T Th 1:10pm - 2:25pm	Wally Suphap	3.00	14/14	ENGL 1010 038/13840	T Th 11:40am - 12:55pm	Abigail Melick	3.00	14/14
		408a Philosophy Hall					201d Philosophy Hall			
ENGL 1010 746/16123		T Th 2:40pm - 3:55pm	Wally Suphap	3.00	14/14	ENGL 1010 042/13856	T Th 1:10pm - 2:25pm	Abigail Melick	3.00	14/14
		408a Philosophy Hall					201d Philosophy Hall			
ENGL 1010 802/16630		M W 8:40am - 9:55am	Lauren Brown	3.00	14/14	ENGL 1010 053/13886	T Th 4:10pm - 5:25pm	Ashley Leader	3.00	14/14
		201b Philosophy Hall					652 Schermerhorn Hall			
ENGL 1010 832/16648		T Th 10:10am - 11:25am	Mariam Syed	3.00	13/14	ENGL 1010 055/18136	T Th 5:40pm - 6:55pm	Emily Suazo	3.00	14/14
		201d Philosophy Hall					201a Philosophy Hall			
ENGL 1010 845/16124		T Th 2:40pm - 3:55pm	Celine Aenlle-Rocha	3.00	13/14	ENGL 1010 056/18916	T Th 5:40pm - 6:55pm	Julia Walton	3.00	13/14
		201b Philosophy Hall					412 Pupin Laboratories			
ENGL 1010 848/16125		T Th 4:10pm - 5:25pm	Celine Aenlle-Rocha	3.00	14/14	ENGL 1010 105/13535	M W 10:10am - 11:25am	Jessica Campbell	3.00	14/14
		201b Philosophy Hall					201d Philosophy Hall			
ENGL 1010 901/16127		M W 8:40am - 9:55am	Erag Ramizi	3.00	14/14	ENGL 1010 108/13556	M W 11:40am - 12:55pm	Austin Mantele	3.00	14/14
		652 Schermerhorn Hall					502 Northwest Corner			
ENGL 1010 926/16128		M W 5:40pm - 6:55pm	Ana Margarida Coelho de Assis	3.00	13/14	ENGL 1010 135/13835	T Th 10:10am - 11:25am	Gabrielle Davis	3.00	14/14
		201d Philosophy Hall					201d Philosophy Hall			
ENGL 1010 935/16130		T Th 11:40am - 12:55pm	Elizabeth Walters	3.00	14/14	ENGL 1010 203/13510	M W 10:10am - 11:25am	Srija U	3.00	14/14
		502 Northwest Corner					408a Philosophy Hall			
ENGL 1010 940/16131		T Th 1:10pm - 2:25pm	Elizabeth Walters	3.00	14/14	ENGL 1010 207/13550	M W 10:10am - 11:25am	Leia Bradley	3.00	14/14
		502 Northwest Corner				ENGL 1010 220/13761	M W 2:40pm - 3:55pm	Sumant Rao	3.00	14/14
Spring 2025: ENGL CC1010							652 Schermerhorn Hall			
Course Number	Section/Call Number	Times/Location	Instructor	Points	Enrollment					
ENGL 1010 011/13586		M W 11:40am - 12:55pm	Leia Bradley	3.00	14/14	ENGL 1010 318/13705	M W 2:40pm - 3:55pm	Austin Mantele	3.00	14/14
		305 Uris Hall					502 Northwest Corner			
ENGL 1010 015/13621		M W 1:10pm - 2:25pm	Julia DeBenedictis	3.00	14/14	ENGL 1010 330/13825	T Th 8:40am - 9:55am	Kaleb Kemp	3.00	14/14
		305 Uris Hall					652 Schermerhorn Hall			
ENGL 1010 019/13757		M W 2:40pm - 3:55pm	Chloe Tsolakoglou	3.00	13/14	ENGL 1010 340/13849	T Th 1:10pm - 2:25pm	Emily Weitzman	3.00	14/14
		305 Uris Hall					201b Philosophy Hall			
ENGL 1010 021/13765		M W 2:40pm - 3:55pm	Geoffrey Lokke	3.00	12/14	ENGL 1010 346/13866	T Th 2:40pm - 3:55pm	Emily Weitzman	3.00	14/14
		507 Lewisohn Hall					201b Philosophy Hall			
ENGL 1010 022/13766		M W 4:10pm - 5:25pm	Joseph Bubar	3.00	14/14	ENGL 1010 348/13873	T Th 2:40pm - 3:55pm	Miranda Mazariegos	3.00	14/14
		307 Mathematics Building					507 Lewisohn Hall			
ENGL 1010 027/13779		M W 5:40pm - 6:55pm	Allison Fowler	3.00	14/14	ENGL 1010 352/13884	T Th 4:10pm - 5:25pm	Alexander Burchfield	3.00	14/14
		408a Philosophy Hall					305 Uris Hall			
ENGL 1010 031/18509		T Th 8:40am - 9:55am	James Gao	3.00	14/14					

ENGL 1010 354/13888	T Th 5:40pm - 6:55pm 652 Schermerhorn Hall	Peter Huhne	3.00	14/14
ENGL 1010 410/13577	M W 11:40am - 12:55pm 408a Philosophy Hall	Finn Anderson	3.00	14/14
ENGL 1010 423/17674	M W 4:10pm - 5:25pm 305 Uris Hall	Elizabeth Furlong	3.00	14/14
ENGL 1010 436/13837	T Th 11:40am - 12:55pm 305 Uris Hall	Therese Cox	3.00	14/14
ENGL 1010 441/13855	T Th 1:10pm - 2:25pm 652 Schermerhorn Hall	Kirkwood Adams	3.00	14/14
ENGL 1010 445/13864	T Th 2:40pm - 3:55pm 502 Northwest Corner	Therese Cox	3.00	14/14
ENGL 1010 506/13539	M W 10:10am - 11:25am 502 Northwest Corner	Ruilin Fan	3.00	13/14
ENGL 1010 512/13606	M W 1:10pm - 2:25pm 201d Philosophy Hall	Lauren Horst	3.00	14/14
ENGL 1010 513/13612	M W 1:10pm - 2:25pm 408a Philosophy Hall	Aled Roberts	3.00	14/14
ENGL 1010 514/13617	M W 1:10pm - 2:25pm 307 Mathematics Building	Molly Pyne-Jaeger	3.00	14/14
ENGL 1010 517/13703	M W 2:40pm - 3:55pm 201d Philosophy Hall	Lauren Horst	3.00	14/14
ENGL 1010 524/17688	M W 4:10pm - 5:25pm 505 Lewisohn Hall	Margaret Banks	3.00	14/14
ENGL 1010 539/13841	T Th 11:40am - 12:55pm 408a Philosophy Hall	Aled Roberts	3.00	14/14
ENGL 1010 544/13858	T Th 1:10pm - 2:25pm 307 Mathematics Building	Calleja Welsh	3.00	14/14
ENGL 1010 549/13875	T Th 2:40pm - 3:55pm 327 Seeley W. Mudd Building	Sophia Houghton	3.00	14/14
ENGL 1010 602/13378	M W 8:40am - 9:55am 201b Philosophy Hall	Ramathi Bandaranayake	3.00	14/14
ENGL 1010 629/13818	T Th 8:40am - 9:55am 502 Northwest Corner	Sarah Wingerter	3.00	14/14
ENGL 1010 633/13833	T Th 10:10am - 11:25am	Michael D'Addario	3.00	14/14

ENGL 1010 637/13839	T Th 11:40am - 12:55pm 502 Northwest Corner	Michael D'Addario	3.00	14/14
ENGL 1010 704/13523	M W 10:10am - 11:25am 201b Philosophy Hall	Elizabeth Cargile	3.00	14/14
ENGL 1010 709/13559	M W 11:40am - 12:55pm 201b Philosophy Hall	Elizabeth Cargile	3.00	14/14
ENGL 1010 747/13869	T Th 2:40pm - 3:55pm 408a Philosophy Hall	Wally Suphap	3.00	14/14
ENGL 1010 750/13879	T Th 4:10pm - 5:25pm 408a Philosophy Hall	Wally Suphap	3.00	14/14
ENGL 1010 816/13623	M W 1:10pm - 2:25pm 652 Schermerhorn Hall	Lauren Brown	3.00	14/14
ENGL 1010 825/17694	M W 4:10pm - 5:25pm 507 Lewisohn Hall	Tyler Grand Pre	3.00	14/14
ENGL 1010 834/13834	T Th 10:10am - 11:25am 408a Philosophy Hall	Mariam Syed	3.00	14/14
ENGL 1010 843/13857	T Th 1:10pm - 2:25pm 305 Uris Hall	Celine Aenlle-Rocha	3.00	14/14
ENGL 1010 901/13365	M W 8:40am - 9:55am 652 Schermerhorn Hall	Erag Ramizi	3.00	14/14
ENGL 1010 926/13776	M W 5:40pm - 6:55pm 201d Philosophy Hall	Ana Margarida Coelho de Assis	3.00	14/14
ENGL 1010 932/13832	T Th 10:10am - 11:25am 652 Schermerhorn Hall	Elizabeth Walters	3.00	14/14

## WRITING CENTER

The Undergraduate Writing Program sponsors The Writing Center in 310 Philosophy, which offers individual writing instruction and consultations to undergraduate and graduate students enrolled in Columbia University courses. Students may visit the center to work on any writing project, academic or non-academic, and at any stage in the writing process. Students may use the Writing Center's online scheduling system to make appointments and view drop-in hours.

## FOREIGN LANGUAGE REQUIREMENT

### General Information:

Academic Affairs  
[cc-academic@columbia.edu](mailto:cc-academic@columbia.edu)

### The Foreign Language Requirement Website

The foreign language requirement forms part of Columbia College's mission to prepare students to be tomorrow's conscientious and informed citizens. Knowledge of another's language and literature is the most important way to begin to know a country and people. The study of a foreign language:

1. Introduces students to world cultures, also making them aware of their own culture within that context;
2. Informs students of the differences in structure, grammar, and syntax that distinguish languages from each other, and clarifies the intimate links between language and cultural meaning;
3. Contributes to the development of students' critical, analytical, and writing skills.

The requirement may be satisfied in one of the following ways:

1. Satisfactory completion of the second term of an intermediate language sequence.
2. Demonstration of an equivalent competence through the appropriate score on the SAT II Subject Test or Advanced Placement Tests.
3. Demonstration of an equivalent competence through the College's own placement tests (consult the department through which the language is offered).
4. The successful completion of an advanced level foreign language or literature course that requires 2102 or the equivalent as a prerequisite. This course must be taken for a letter grade.
5. Students whose native language is not English are not required to take an additional foreign language or an achievement test if they have completed the secondary school requirement in the native language.

Because success in learning a foreign language is dependent on the full engagement of the students enrolled in a language course, all terms of language instruction/conversation courses, whether being used toward fulfillment of the foreign language requirement or not, must be taken in order and for a letter grade. These courses may not be taken for a grade of Pass/D/Fail.

Students wishing to satisfy the requirement in any other language should consult with their advising dean. In some instances, equivalent language courses offered at Barnard College and in the School of General Studies may be used to satisfy the requirement, however, students should speak with the Columbia department to ensure that courses from these schools are approved for the requirement.

Any student who wishes to submit a language course taken at another institution in fulfillment of the language requirement must pass a departmental placement examination.

In order to ensure that students achieve foreign-language proficiency without a significant break in progress, this requirement must be completed before a student can be eligible to study abroad, even if the language of instruction of the study-abroad program is English. For students seeking to study abroad in other languages, more advanced foreign-language study is usually required (see *Special Programs*).

The following languages are offered in the College toward satisfaction of the requirement:

- **Akkadian**  
*Language Resource Center*
- **Arabic**  
*Middle Eastern, South Asian, and African Studies*
- **Armenian**  
*Middle Eastern, South Asian, and African Studies*
- **Bengali**  
*Language Resource Center*
- **Bosnian-Croatian-Serbian**  
*Slavic Languages*
- **Catalan**  
*Latin American and Iberian Cultures*
- **Chinese**  
*East Asian Languages and Cultures*
- **Czech**  
*Slavic Languages*
- **Dutch**  
*Germanic Languages* (p. 345)
- **Filipino**  
*Language Resource Center*
- **Finnish**  
*Germanic Languages*
- **French**  
*French and Romance Philology*
- **German**  
*Germanic Languages*
- **Greek, Classical and Modern**  
*Classics*
- **Hebrew**  
*Middle Eastern, South Asian, and African Studies*
- **Hindi-Urdu**  
*Middle Eastern, South Asian, and African Studies*
- **Hungarian**  
*Italian*
- **Italian**  
*Italian*
- **Japanese**  
*East Asian Languages and Cultures*
- **Korean**  
*East Asian Languages and Cultures*
- **Latin**  
*Classics*
- **Persian**

*Middle Eastern, South Asian, and African Studies*

- **Polish**  
*Slavic Languages*
- **Portuguese**  
*Latin American and Iberian Cultures*
- **Pulaar**  
*Middle Eastern, South Asian, and African Studies*
- **Punjabi**  
*Middle Eastern, South Asian, and African Studies*
- **Romanian**  
*Language Resource Center*
- **Russian**  
*Slavic Languages*
- **Sanskrit**  
*Middle Eastern, South Asian, and African Studies*
- **Spanish**  
*Latin American and Iberian Cultures*
- **Swahili**  
*Middle Eastern, South Asian, and African Studies*
- **Swedish**  
*Germanic Languages*
- **Tamil**  
*Middle Eastern, South Asian, and African Studies*
- **Tibetan**  
*East Asian Languages and Cultures*
- **Turkish, Modern**  
*Middle Eastern, South Asian, and African Studies*
- **Ukrainian**  
*Slavic Languages*
- **Vietnamese**  
*East Asian Languages and Cultures*
- **Wolof**  
*Middle Eastern, South Asian, and African Studies*
- **Yiddish**  
*Germanic Languages*
- **Yoruba**  
*Language Resource Center*
- **Zulu**  
*Language Resource Center*

# GLOBAL CORE REQUIREMENT

Committee on Global Core

[globalcore@columbia.edu](mailto:globalcore@columbia.edu)

General Information, Academic Affairs  
[cc-academic@columbia.edu](mailto:cc-academic@columbia.edu)

[Global Core Requirement Website](#)

The Global Core requirement asks students to engage directly with the variety of civilizations and the diversity of traditions that, along with the West, have formed the world and continue to interact in it today. Courses in the Global Core typically explore the cultures of Africa, Asia, the Americas, and the Middle East in an historical context. These courses are organized around a set of primary materials produced in these traditions and may draw from texts or other forms of media, as well as from oral sources or performance, broadly defined.

Global Core courses fall into two categories, and can be, on occasion, a hybrid of the two types: those with a comparative, multidisciplinary, or interdisciplinary focus on specific cultures or civilizations, tracing their existence across a significant span of time, and may include Europe and/or the U.S.; and those that address a common theme or set of analytic questions comparatively (and may include Europe and the U.S.). The Global Core requirement consists of courses that examine areas not the primary focus of Literature Humanities and Contemporary Civilization and that, like other Core courses, are broadly introductory, interdisciplinary, and temporally and/or spatially expansive.

Students must complete two courses from the approved list of Global Core courses for a letter grade.

## Global Core Navigator

The [Global Core Navigator](#) is a sortable list which allows students to search for approved Global Core courses based on academic approach, region, temporal period, and academic department.

## FALL 2025

Last updated on March 28, 2025.

### African- American Studies

AFAS UN1001	INTRO TO AFRICAN-AMER STUDIES
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### Classics

CLCV UN3059	WORLDS OF ALEXANDER THE GREAT
CLGM GU4600	Multilingual America: Translation, Migration, Gender

### Center for the Study of Ethnicity and Race

CSER UN3926	LATIN MUSIC AND IDENTITY
CSER UN3928	COLONIZATION/ DECOLONIZATION

### Committee on Global Thought

CGTH UN3402	YOUTH-INTERCONNECTED WRLD
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### Dance

DNCE BC3567	DANCES OF INDIA
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### East Asian Languages and Culture

ASCE UN1367	INTRO EA CIV: VIETNAM
AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS



EAAS UN3322	EAST ASIAN CINEMA
AHUM UN3830	COLL ON MODERN EAST ASIA TEXTS
<b>History</b>	
HIST UN2618	THE MODERN CARIBBEAN
HIST UN2719	HISTORY OF THE MOD MIDDLE EAST
HIST UN2764	EAST AFRICAN HISTORY
<b>Jewish Studies</b>	
JWST GU4145	Topics in Israeli Cinema
<b>Latin American and Iberian Cultures</b>	
PORT UN3490	BRAZILIAN SOCIETY # CIV (ENG)
<b>Middle Eastern, South Asian, and African Studies</b>	
AHUM UN1399	COLLOQUIUM ON MAJOR TEXTS: MIDDLE EAST/INDIA
ASCM UN2357	INTRO TO INDIAN CIVILIZATION
CLME UN3928	ARABIC PRISON WRITING
CLME GU4226	ARABIC AUTOBIOGRAPHY GLOBAL DIMENSIONS
<b>Music</b>	
AHMM UN3321	MUSICS OF INDIA # WEST ASIA
<b>Reid Hall in Paris</b>	
WMST OC3550	WOMEN # SOCIETY - SEX-TRADE ECONOMY
<b>Religion</b>	
RELI UN2305	ISLAM
RELI UN2306	INTRO TO JUDAISM
RELI UN2308	BUDDHISM: EAST ASIAN
RELI UN2309	HINDUISM
RELI GU4999	GLOBAL INDIGENOUS RELIGIOUS HISTORIES
<b>Theatre</b>	
THTR UN3154	THEATRE TRAD GLOBAL CONTEXT

## SUMMER 2025

Last updated on March 14, 2025.

### Art History and Archaeology

AHUM S2604	ARTS OF CHINA JAPAN KOREA
AHUM S2901	MASTERPIECES-INDIAN ART # ARCH

### Classics

CLCV UN3058	Worlds of Alexander the Great
GRKM OC3936	Columbia Summer Global Core: The Athens Experience (This course is offered in Athens, Greece.)

### Film

FILM S4215	CONTEMPORARY GLOBAL DOCUMENTAR
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### History

HIST S3596	HIST OF LATINOS/AS IN THE U.S.
HIST UN3779	AFRICA AND FRANCE

### Italian

CLIA GU4699	Mediterranean Humanities I (Effective beginning Summer 2025. Students may only receive Global Core credit for either CLIA GU4499 or CLIA GU4699; not both.)
CLIA OC4600	Mediterranean Humanities II in Venice (This course will be offered in Venice, Italy. Effective beginning Summer 2025. Students may only receive Global Core credit for either CLIA GU4500 or CLIA OC4600; not both.)

### Middle Eastern, South Asian, and African Studies

MDES UN1001	CRITICAL THEORY: A GLOBAL PERSPECTIVE
AHUM UN1399	COLLOQUIUM ON MAJOR TEXTS: MIDDLE EAST/INDIA

### Music

AHMM UN3320	MUSIC IN EAST ASIA
AHMM S3321	MUSICS OF INDIA # WEST ASIA

### Religion

RELI S2305	ISLAM
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### Slavic Languages

CLSL GU4013	Jewish Worlds in Eastern Europe: A Journey
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## SPRING 2025

Last updated on January 15, 2025.

### Anthropology

ANTH UN1008	THE RISE OF CIVILIZATION
ANTH UN3465	WOMEN, GENDER POL-MUSLIM WORLD
ANTH UN3947	TEXT, MAGIC, PERFORMANCE

### Art History and Archaeology

AHUM UN2604	ARTS OF CHINA, JAPAN AND KOREA
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### Center for the Core Curriculum

LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
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### Classics

CLCV UN2441	EGYPT IN CLASSICAL WORLD
CLCV UN3069	Society and Power in the Hellenistic Age (Effective beginning Spring 2025)
CLGM UN3920	WORLD RESPONDS TO THE GREEKS

CLGM GU4600 Multilingual America: Translation, Migration, Gender

### Comparative Literature and Society

CLGM UN3110 THE OTTOMAN PAST IN THE GREEK PRESENT

### Dance

DNCE BC2565 WORLD DANCE HISTORY

### East Asian Languages and Cultures

ASCE UN1361 INTRO EAST ASIAN CIV: JPN

ASCE UN1363 INTRO TO EAST ASIAN CIV: KOREA

AHUM UN1400 COLLOQUIUM ON MAJOR TEXTS

EAAS UN2844 CULTURE, MENTAL HEALTH, AND HEALING IN EAST ASIA (formerly EAAS UN3844; new course number effective Spring 2025)

EAAS UN3322 EAST ASIAN CINEMA

EARL UN3310 The Body and/in Performance: Dance # Drama in Tibet # China (Effective beginning Spring 2025)

EAAS UN3720 Women in Vietnamese society, history and literature (Effective beginning Spring 2025)

EAAS GU4565 TIBET IN THE WORLD: CULTURAL PRODUCTION AND SOCIAL CHANGE

EAAS GU4134 Sex, Power, Performance: Gender in Chinese Literature (Effective beginning Spring 2025)

HSEA GU4847 MODERN JAPAN

### Economics

ECON GU4325 ECONOMIC DEVELOPMENT OF JAPAN

### French and Romance Philology

FREN OC3719 VIOLENCE BY AND AGAINST WOMEN (This course is offered in Reid Hall, Paris.)

### Germanic Languages

GERM UN3780 BERL/ ISTANBUL:MIGRATN,CLTR,VA

### History

HIST UN1004 ANCIENT HISTORY OF EGYPT

HIST UN1942 The Year 1000: A World History

HIST BC2699 Latin American Civilization II (Effective beginning Spring 2025. Same as HIST UN2661. Students may receive credit for either HIST UN2661 or HIST BC2699, but not both.)

HIST UN2444 THE VIETNAM WAR

HIST UN3608 Women and Gender in Latin America and the Caribbean (Effective beginning Spring 2025)

HSEA UN3898 THE MONGOLS IN HISTORY

HIST GU4811 Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond

### Italian

CLIA GU4500 Mediterranean Humanities II

### Jewish Studies

JWST GU4158 Zionist Thought: Center and Periphery (Effective beginning Spring 2025)

JWST GU4601 The History of Mizrahi Jews (Effective beginning Spring 2025)

### Latin American and Iberian Cultures

SPJS UN3303 JEWISH CULTURE IN TRANSL IN MED IBERIA

SPAN UN3349 HISPANIC CULTURES I (SP)

SPAN UN3361 ARTISTIC HUMANITY

SPAN UN3350 HISPANIC CULTURES II (SP)

SPAN UN3489 Staging Revolt: Masses, Multitudes # Political Performance in the Hispanic World (Effective beginning Spring 2025)

SPAN UN3894 Law, Literature, and Gender in the Hispanic World (Effective beginning Spring 2025)

### Middle Eastern, South Asian, and African Studies

AHUM UN1399 COLLOQUIUM ON MAJOR TEXTS: MIDDLE EAST/INDIA

MDES UN1630 Introduction to South Asia (Effective beginning Spring 2025)

MDES UN2650 GANDHI # HIS INTERLOCUTORS

MDES UN3260 RETHINKING MIDDLE EAST POLITICS

MDES UN3930 Iraq: War, Love, and Exile

MDES GU4259 War Narrative: The Arab World

MDES GU4637 Cinema and Colonialism in South Asia

### Music

AHMM UN3320 MUSIC IN EAST ASIA

MUSI GU4438 Music and Global Africa (Effective beginning Spring 2025)

### Religion

RELI UN2309 HINDUISM

RELI UN3314 QURAN

RELI GU4999 GLOBAL INDIGENOUS RELIGIOUS HISTORIES

### Slavic Languages

SLCL GU4002 Folklore Past and Present

GEOR GU4042 Expressive Culture of Soviet and Independent Georgia

### Urban Studies

URBS UN3351	URBAN ELSEWHERE: EXPLORING A WORLD OF CITIES
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## FALL 2024

Last updated on September 10, 2024.

### African- American Studies

AFAS UN1001	INTRO TO AFRICAN-AMER STUDIES
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### Anthropology

ANHS GU4001	THE ANCIENT EMPIRES
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### Art History and Archaeology

AHIS UN2622	Introduction to East Asian Art: China, Japan, and Korea
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### Center for the Core Curriculum

AFCV UN1020	AFRICAN CIVILIZATION
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV

### Center for the Study of Ethnicity and Race

CSER UN1010	INTRO TO COMP ETHNIC STUDIES
CSER UN3922	RACE#REPRESENTATION IN ASIAN AMER CINEMA
CSER UN3926	LATIN MUSIC AND IDENTITY
CSER UN3928	COLONIZATION/ DECOLONIZATION

### Classics

CPLS UN3454	STAGING THE EARLY MOD MEDITERR
CLCV UN3535	IDENTITY # SOCIETY ANC EGYPT (Effective beginning Fall 2024)
CSGM UN3567	THESSALONIKI DOWN THE AGES
GRKM UN3935	Hellenism and the Topographical Imagination

### Committee on Global Thought

CGTH UN3401	Seminar in Global Thought: Inquiries into an Interconnected World
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### Dance- Barnard

DNCE BC3567	DANCES OF INDIA
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### East Asian Languages and Cultures

ASCE UN1002	INTRO MAJOR TPCS: EAST ASIAN
ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
ASCE UN1365	INTRO EAST ASIAN CIV: TIBET
ASCE UN1367	INTRO EA CIV: VIETNAM
AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS
EAAS UN3710	FICTION, FILM, AND MODERN VIETNAM (Effective beginning Fall 2024)

AHUM UN3830	COLL ON MODERN EAST ASIA TEXTS
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EAAS UN3927	CHINA IN THE MODERN WORLD
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EAAS GU4534	Medieval Travel Writing
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HSEA GU4880	HISTORY OF MODERN CHINA I
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HSEA GU4968	Japan 1968: student protest movements in global historical perspective
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### English and Comparative Literature

ENGL UN3794	Trees
CLEN GU4199	LITERATURE AND OIL

### Film Studies

FILM UN2294	WORLD CINEMA: LATIN AMERICA
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### French and Romance Philology

CLFR OC3821	CITY DIPLOMACY (Offered abroad in Reid Hall, Paris.)
FREN GU4022	How to Love: Medieval French and Arabic

### History

HIST UN2618	THE MODERN CARIBBEAN
HIST UN2660	LATIN AMERICAN CIVILIZATION I
HIST UN2709	Medieval Middle East
HIST UN2719	HISTORY OF THE MOD MIDDLE EAST
HSWM UN2761	GENDER # SEXUALITY IN AFRICA
HSME UN2810	HISTORY OF SOUTH ASIA I
HIST GU4681	The Nahuas Through Their Sources

### Italian

CLIA GU4499	Mediterranean Humanities I
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### Jewish Studies

JWST GU4145	Topics in Israeli Cinema
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### Latin American and Iberian Cultures

SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)
PORT UN3490	BRAZILIAN SOCIETY # CIV (ENG)

### Linguistics

LING UN3102	Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC
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### Middle Eastern, South Asian, and African Studies

MDES UN1003	Premodern Islamic Worlds
MDES UN1030	“Game of Thrones”: On Epics and Empires
AHUM UN1399	COLLOQUIUM ON MAJOR TEXTS: MIDDLE EAST/INDIA
MDES UN2042	South Asia at the Crossroads of Empires

ASCM UN2357	INTRO TO INDIAN CIVILIZATION
CLME UN3928	ARABIC PRISON WRITING
CLME GU4226	ARABIC AUTOBIOGRAPHY GLOBAL DIMENSIONS
<b>Music</b>	
MUSI UN2020	SALSA, SOCA # REGGAE
AHMM UN3321	MUSICS OF INDIA # WEST ASIA
<b>Physics</b>	
SCNC UN3001	Nuclear Weapons and Nuclear Testing: Marshall Islands
<b>Religion</b>	
RELI UN2306	INTRO TO JUDAISM
RELI UN2308	BUDDHISM: EAST ASIAN
RELI UN2405	CHINESE RELIGIOUS TRADITIONS
<b>Slavic Languages</b>	
RUSS UN3230	Tricksters in World Culture: Mockery, Subversion, Rebellion
SLCL UN3100	FOLKLORE PAST # PRESENT
CLSL GU4012	Holocaust Literature: Critical Thinking in Dark Times
<b>Theatre</b>	
THTR UN3154	THEATRE TRAD GLOBAL CONTEXT
<b>Women's Studies (Reid Hall, Paris)</b>	
WMST OC3550	WOMEN # SOCIETY - SEX-TRADE ECONOMY

## ALL APPROVED COURSES: MORNINGSIDE CAMPUS

*Not all courses are taught each academic year. Below is the full list of all courses offered on the Morningside Heights campus that are approved for the Global Core Requirement, regardless of semester offered. Last updated on March 14, 2025.*

### African-American Studies

AFAS UN1001	INTRO TO AFRICAN-AMER STUDIES
AFAS UN1003	Blackness and Frenchness: A Radical Genealogy (Effective beginning Spring 2023)

### Anthropology

ANTH UN1008	THE RISE OF CIVILIZATION
ANTH UN1130	Africa and the Anthropologist
ANTH UN2007	Indian and Nigerian Film Cultures (Effective beginning Fall 2017 semester)
ANTH V2013	Africa in the 21st Century: Aesthetics, Culture, Politics
ANTH V2014	Archaeology and Africa: Changing Perceptions of the African Past
ANTH V2020	Chinese Strategies: Cultures in Practice

ANTH V2027	Changing East Asia Foodways
ANTH UN2031	Corpse Life: Anthropological Histories of the Dead [Previously Archaeologies of Death and (Effective beginning Fall 2017)]
ANTH V2035	Introduction to the Anthropology of South Asia
ANTH V2100	Muslim Societies
ANTH UN2141	Frontier Imaginaries (Effective beginning Spring 2022)
ANTH UN3300	Pre-Columbian Histories of Native America
ANTH UN3465	WOMEN, GENDER POL-MUSLIM WORLD
ANTH V3525	Introduction to South Asian History and Culture
ANTH UN3821	Native America
ANTH V3892	CONTEMP CENT ASIA:STATES # SOC
ANTH UN3933	ARABIA IMAGINED
ANTH UN3947	TEXT, MAGIC, PERFORMANCE
ANHS GU4001	THE ANCIENT EMPIRES
ANTH G4065	Archaeology of Idols
<b>Art History and Archaeology</b>	
AHIS UN2119	ROME BEYOND ROME (Effective beginning Spring 2018)
AHIS UN2600	THE ARTS OF CHINA
AHIS UN2500	ARTS OF AFRICA
AHUM UN2604	ARTS OF CHINA, JAPAN AND KOREA
AHIS UN2614	Chinese Painting of the Song Dynasty (960-1279) (Effective beginning Summer 2021)
AHIS UN2622	Introduction to East Asian Art: China, Japan, and Korea (Effective beginning Fall 2024)
AHUM UN2800	Arts of Islam, 700-1000 CE (Effective beginning Fall 2017 semester)
AHUM UN2802	Arts of Islam: Realignment of Empire and State (ca. 1000-1400) (Effective Spring 2017)
AHUM UN2901	MASTERPIECES-INDIAN ART # ARCH
AHIS W3500	Yoruba and the Diaspora (Effective beginning Fall 2014; formerly AHIS W3898)
AHIS UN3501	African Art: The Next Generation. Focus: Congo (Effective Spring 2017)
AHIS UN3503	Contemporary Arts of Africa (Effective beginning Fall 2020)
AHIS W3832	Sacred Landscapes of the Ancient Andes (Effective beginning Spring 2016)

AHIS Q4570	Andean Art and Architecture (formerly AHIS G4085)
AHIS GU4584	Critical Approaches to Persianate Painting (effective beginning Spring 2019)
<b>Center for the Core Curriculum</b>	
AFCV UN1020	AFRICAN CIVILIZATION
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
<b>Center for the Study of Ethnicity and Race</b>	
CSER UN1010	INTRO TO COMP ETHNIC STUDIES
CSER W3510	Novels of Immigration, Relocation, and Diaspora (Also offered as ENGL GU4650, effective Spring 2017)
CSER UN3922	RACE#REPRESENTATION IN ASIAN AMER CINEMA
CSER UN3926	LATIN MUSIC AND IDENTITY
CSER UN3928	COLONIZATION/ DECOLONIZATION
CSER W3961	(Wealth and Poverty in America)
<b>Classics</b>	
CLCV UN2441	EGYPT IN CLASSICAL WORLD (Effective beginning Spring 2018)
CLCV UN3059	WORLDS OF ALEXANDER THE GREAT (Effective beginning Spring 2017)
CLCV UN3069	Society and Power in the Hellenistic Age (Effective beginning Spring 2025)
CLCV W3111	Plato and Confucius: Comparative Ancient Philosophies (Effective beginning Spring 2015)
CLCV W3244	Global Histories of the Book (Effective beginning Fall 2015)
CLCV UN3535	IDENTITY # SOCIETY ANC EGYPT (Effective beginning Fall 2024)
CSGM UN3567	THESSALONIKI DOWN THE AGES (Effective Spring 2017)
CLGM UN3920	WORLD RESPONDS TO THE GREEKS (formerly "The World Responds to the Greeks: Greece Faces East")
GRKM UN3935	Hellenism and the Topographical Imagination (formerly GRKM UN3920 "The World Responds to the Greeks")
CLCV GU4411	Egypt in the Classical World (Egypt in the Classical World Effective beginning Spring 2020)
CLGM GU4600	Multilingual America: Translation, Migration, Gender (Effective beginning Fall 2021)
<b>Colloquia and Interdepartmental Seminars</b>	
INSM UN3920	NOBILITY/CIVILITY: EAST/ WEST I

INSM UN3921	Nobility and Civility II
INSM C3940	Science Across Cultures
INSM W3950	Friendship in Asian and Western Civilization
<b>Comparative Literature and Society</b>	
CLGM UN3110	THE OTTOMAN PAST IN THE GREEK PRESENT (Effective beginning Spring 2018 )
CPLS UN3333	EAST/WEST FRAMETALE NARRATIVES
CPLS UN3454	STAGING THE EARLY MOD MEDITERR
CLGM UN3920	WORLD RESPONDS TO THE GREEKS
CPLS W3945	Transnational Memory Politics and the Culture of Human Rights (Effective beginning Spring 2014)
CPLS W3955	The West in Global Thought
CPLS UN3956	Postcolonial Narrative and the Limits of the Human
CPLS W4100	Andalusian Symbiosis: Islam and the West (Effective beginning Fall 2014)
CPLS GU4111	World Philology (Effective Spring 2017)
<b>Committee on Global Thought</b>	
CGTH UN3401	Seminar in Global Thought: Inquiries into an Interconnected World (Effective beginning Fall 2018)
CGTH UN3402	YOUTH-INTERCONNECTED WRLD (Effective beginning Spring 2019)
<b>Dance- Barnard</b>	
DNCE BC3550	Dance in Africa (Effective beginning Fall 2022)
DNCE BC3567	DANCES OF INDIA (Effective beginning Fall 2018)
DNCE BC2565	WORLD DANCE HISTORY (Effective beginning Spring 2019)
DNCE BC2665	World Dance History (Effective Summer 2023. Students may only receive credit for either DNCE BC2665 or DNCE BC2565; not both.)
<b>East Asian Languages and Cultures</b>	
ASCE UN1002	INTRO MAJOR TPCS: EAST ASIAN
ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
ASCE UN1361	INTRO EAST ASIAN CIV: JPN
ASCE UN1363	INTRO TO EAST ASIAN CIV: KOREA
ASCE UN1365	INTRO EAST ASIAN CIV: TIBET
ASCE UN1367	INTRO EA CIV: VIETNAM (Effective beginning Fall 2017)



AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS	EARL W4127	Mediations, Perceptions, Words: Poetry in Buddhist Literature (Effective beginning Spring 2016)
EAAS UN2342	Mythology of East Asia	EAAS GU4134	Sex, Power, Performance: Gender in Chinese Literature (Effective beginning Spring 2025)
EAAS UN2844	CULTURE, MENTAL HEALTH, AND HEALING IN EAST ASIA (formerly EAAS UN3844; new course number effective Spring 2025)	EAAS GU4160	CULTURES IN COLONIAL KOREA (Effective beginning Spring 2014; formerly EAAS G4160)
EAAS UN3114	Chinese Theater and Drama Traditions (Effective beginning Spring 2023)	HSEA GU4222	China's Global Histories: People, Space, and Power (Effective beginning Fall 2019)
EAAS UN3116	Supernatural in East Asia (Effective beginning Spring 2020)	EAAS GU4277	Japanese Anime and Beyond: Gender, Power and Transnational Media
EAAS UN3121	Minority Literature in Modern China (Offered Fall 2018 as a one-time course)	EARL GU4310	LIFE WRIT/TIBET BUDDHIST LIT
EAAS UN3122	Modern Chinese Poetry in a Global Context (Offered Spring 2020 as a one-time course. Effective beginning Spring 2022- Course number changed to EAAS GU4111)	EARL GU4312	TIBETAN SACRED SPACE(IN COMPARATIVE CONT (Effective beginning Spring 2018 semester)
EARL UN3310	The Body and/in Performance: Dance # Drama in Tibet # China (Effective beginning Spring 2025)	EAAS GU4233	Sonic Modernity in East Asia (Effective beginning Spring 2020)
EAAS UN3322	EAST ASIAN CINEMA (Effective Spring 2017)	EAAS GU4412	History of Writing in a Cosmopolitan East Asia (Effective beginning Fall 2023)
EAAS UN3338	CULTRL HIST-JAPANESE MONSTERS (Effective Fall 2019)	EAAS GU4445	Proletarian Asia - working-class culture from 1930s to present (Effective beginning Spring 2022)
EAAS V3350	Japanese Fiction and Film (Effective beginning Fall 2014)	HSEA GU4542	The History of the Samurai (Effective beginning Spring 2023 semester)
EAAS UN3710	FICTION, FILM, AND MODERN VIETNAM (Effective beginning Fall 2024)	EAAS GU4534	Medieval Travel Writing (Effective beginning Fall 2024)
EAAS UN3720	Women in Vietnamese society, history and literature (Effective beginning Spring 2025)	EAAS GU4565	TIBET IN THE WORLD: CULTURAL PRODUCTION AND SOCIAL CHANGE (Effective beginning Spring 2022)
AHUM UN3830	COLL ON MODERN EAST ASIA TEXTS (Colloquium on Modern East Asian Texts)	EARL GU4575	Tibet in Eurasian Circulatory History (Effective beginning Fall 2023)
EAAS UN3844	CULTURE, MENTAL HEALTH, AND HEALING IN EAST ASIA (Effective beginning Fall 2019. New course number EAAS UN2844; effective Spring 2025 semester.)	HSEA GU4816	Comparing Indigeneities (Effective beginning Spring 2020)
HSEA Q3870	Japan Before 1600 (Effective beginning Spring 2015; formerly HSEA W4870)	HSEA GU4822	Troubled Islands of the Indo Pacific (Effective beginning Spring 2017)
EAAS UN3927	CHINA IN THE MODERN WORLD	HSEA GU4847	MODERN JAPAN (Effective beginning Fall 2017)
EAAS GU4017	Ethnography and Representation in Tibet (Effective beginning Fall 2020)	HSEA W4866	Competing Nationalisms in East Asia: Representing Chinese and Tibetan Relations in History (Effective beginning Fall 2015)
EAAS GU4111	Modern Chinese Poetry in a Global Context (was formerly EAAS UN3122)	HSEA GU4880	HISTORY OF MODERN CHINA I

HSEA GU4968 Japan 1968: student protest movements in global historical perspective (Effective beginning Fall 2024)

### Economics

ECON GU4325 ECONOMIC DEVELOPMENT OF JAPAN

### English and Comparative Literature

CLEN UN3360 Theaters of Gods and Heroes (Effective beginning Spring 2020)

ENGL UN3489 Black Lives in Pre-Modern Britain

CLEN S3682 Human Rights in World Literature and Visual Culture (formerly CLEN S3851)

ENGL UN3794 Trees (Effective beginning Fall 2023)

CLEN S3829 Fantastic Fictions: Postmodern Asian American Literature (Effective beginning Summer 2020)

ENGL UN3851 INDIAN WRITING IN ENGLISH (Effective beginning Spring 2019)

CLEN UN3933 POSTCOLONIAL LITERATURE (Effective beginning Fall 2018)

ENTA UN3948 African Drama

CLEN GU4199 LITERATURE AND OIL (Effective beginning Fall 2020)

CLEN W4200 Caribbean Diaspora Literature

ENGL GU4650 Novels of Immigration, Relocation, Diaspora (formerly ENGL W3510)

CLEN GU4644 REVOLUTION IN/ON THE CARIBBEAN (Effective beginning Fall 2018)

ENTA GU4729 GLOBAL ANGLOPHONE DRAMA (Effective beginning Spring 2022)

### Film Studies

FILM UN2292 Topics in World Cinema: China (Effective beginning Spring 2018)

FILM UN2294 WORLD CINEMA: LATIN AMERICA (Effective beginning Fall 2018)

FILM S2295Q World Cinema: Mexico (Effective beginning Summer 2017)

FILM UN2296 ARAB # AFRICAN FILMMAKING (Effective Fall 2019)

FILM GU4020 Brazilian Cinema: Cinema Novo and Beyond (Effective beginning Fall 2021)

FILM S4215D Contemporary Global Documentary (Effective beginning Summer 2019)

FILM GU4294 World Cinema: Latin America (Effective beginning Summer 2021)

### French and Romance Philology

CLFR UN3716 Francophone Romance : Love and Desire in French Colonial and Post-Colonial Literatures

FREN UN3822 Blackness in French: From Harlem to Paris and Beyond (Effective beginning Summer 2021)

CLFR GU4002 French Theory in a Global Context (Effective beginning Spring 2022)

CLFR GU4020 Contemporary Migrations in the French & North African Context (Effective beginning Summer 2020)

FREN GU4022 How to Love: Medieval French and Arabic (Effective beginning Fall 2024)

CLFR GU4321 The Maghreb in Transition: Society # Culture in North Africa Since 1990 (Effective beginning Summer 2021)

CLFR GU4440 Remapping Algeria: Poetics and Politics of Space (Effective beginning Spring 2021)

CLFR GU4421 The Caribbean Digital (Effective beginning Fall 2020)

CLFR GU4716 FRANCOPHONE ROMANCE LOVE, SEX, INTIMACY IN THE FRENCH COLONIAL WORLD (Effective beginning Fall 2019)

### Germanic Languages

GERM UN3780 BERL/ ISTANBUL:MIGRATN,CLTR,VAL

### History

HIST UN1942 The Year 1000: A World History (Effective beginning Spring 2024)

HIST UN1004 ANCIENT HISTORY OF EGYPT

HIST W1054 Introduction to Byzantine History (Effective beginning Spring 2016)

HIST UN2003 Empire # Nation-Building East Central Europe (Effective beginning Fall 2020)

HIST UN2176 REVOLUTION # EMPIRE: HAITI # FRANCE, 1789-1820 (Effective beginning Summer 2022)

HIST UN2336 Everyday Communism (Effective beginning Spring 2020)

HIST UN2377 WORLD HISTORY SINCE WW II (Effective Spring 2017)

HIST UN2444 THE VIETNAM WAR (Effective beginning Spring 2017)

HIST UN2580 US - EAST ASIA RELATIONS (Effective beginning Fall 2017 )

HIST UN2618 THE MODERN CARIBBEAN

HIST UN2657 Medieval Jewish Cultures (formerly HIST W3657)

HIST UN2660 LATIN AMERICAN CIVILIZATION I

HIST UN2661	LATIN AMERICAN CIVILIZATION II
HIST BC2699	Latin American Civilization II (Effective beginning Spring 2025. Same as HIST UN2661. Students may receive credit for either HIST UN2661 or HIST BC2699, but not both)
HIST UN2701	THE OTTOMAN EMPIRE (formerly HIST W3701)
History UN2709 (Effective beginning Fall 2024)	
HIST UN2719	HISTORY OF THE MOD MIDDLE EAST (formerly HIST W3719)
HSWM UN2761	GENDER # SEXUALITY IN AFRICA (Effective beginning Fall 2018)
HIST UN2764	EAST AFRICAN HISTORY
HIST UN2772	West African History
HIST W2803	The Worlds of Mughal India (Effective beginning Spring 2014; formerly HIST W3803)
HSME UN2810	HISTORY OF SOUTH ASIA I (formerly HSME W3810)
HSME UN2811	South Asia: Empire and Its Aftermath (formerly HIST UN2811)
HIST W2880	Gandhi's India (formerly HIST W3800)
HIST UN2881	VIETNAM IN THE WORLD (Effective beginning Spring 2019)
HIST Q2900	History of the World to 1450 CE (formerly HIST W3902)
HIST W2903	History of the World from 1450 CE to the Present (Effective beginning Fall 2013; formerly HIST W2903)
HIST W2943	Cultures of Empire (formerly HIST W3943)
HIST UN3152	Byzantine Encounters in the Mediterranean and the Middle East (Taught on Morningside going forward, effective Spring 2017)
HIST UN3298	Popular Culture in Modern African History (Effective beginning Fall 2019)
HIST Q3400	Native American History (formerly HIST W4404)
HIST S3596	HIST OF LATINOS/AS IN THE U.S. (Effective beginning Summer 2022)
HIST W3678	Indigenous Worlds in Early Latin America (formerly HIST W4678)
HIST UN3766	African Futures (Effective beginning Fall 2017)
HIST UN3779	AFRICA AND FRANCE
HSEA UN3898	THE MONGOLS IN HISTORY

HIST Q3933	Empires and Cultures of the Early Modern Atlantic World (Effective only for Spring 2014; formerly HIST W4103)
HIST UN3601	Jews in the Later Roman Empire, 300-600 CE (Effective beginning Fall 2014; formerly HIST W4601; renumbered to HIST UN3601, effective Fall 2018)
HIST UN3608	Women and Gender in Latin America and the Caribbean (Effective beginning Spring 2025)
HIST GU4301	Politics and Justice in Latin America through Crime Fiction (Effective beginning Fall 2021)
HIST GU4660	Indigenous Worlds in Early Latin America (Effective beginning Fall 2021)
HIST GU4681	The Nahuas Through Their Sources (Effective beginning Fall 2024)
HIST GU4811	Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond (Effective beginning Spring 2017 semester)
<b>Italian</b>	
ITAL GU4022	THE QUR'AN IN EUROPE (Effective beginning Fall 2017)
CLIA GU4499	Mediterranean Humanities I (Effective beginning Fall 2022. Students may only receive Global Core credit for either CLIA GU4499 or CLIA GU4699; not both.)
CLIA GU4500	Mediterranean Humanities II (Effective beginning Fall 2021. Students may only receive Global Core credit for either CLIA GU4500 or CLIA GU4600; not both.)
CLIA GU4699	Mediterranean Humanities I (Effective beginning Summer 2025. Students may only receive Global Core credit for either CLIA GU4499 or CLIA GU4699; not both.)
<b>Jewish Studies</b>	
JWST UN3538	Jews in the City in the Islamic Middle East (Effective beginning Spring 2021)
JWST GU4145	Introduction to Israeli Cinema (Effective beginning Spring 2020)
JWST GU4148	Jewish Histories of the Modern Middle East (Effective beginning Fall 2023)

JWST GU4149	A History of Jewish-Muslim Encounters: From the Beginning of Islam Until Today (Effective beginning Fall 2023)	AHUM UN1399	COLLOQUIUM ON MAJOR TEXTS: MIDDLE EAST/INDIA (formerly AHUM UN3399, new course number effective Fall 2018)
JWST GU4158	Zionist Thought: Center and Periphery (Effective beginning Spring 2025)	MDES UN1630	Introduction to South Asia (Effective beginning Spring 2025)
JWST GU4601	The History of Mizrahi Jews (Effective beginning Spring 2025)	ASCM V2001	Introduction to Major Topics in the Civilizations of the Middle East and India
<b>Latin American and Caribbean Studies</b>		ASCM UN2003	INTRO TO ISLAMIC CIVILIZATION
LCRS UN3500	Latin American Cities (Effective beginning Spring 2017)	MDES UN2006	What is Islam? (Effective beginning Spring 2022)
<b>Latin American and Iberian Cultures</b>		ASCM UN2008	CONTEMP ISLAMIC CIVILIZATION
SPJS UN3303	JEWISH CULTURE IN TRANSL IN MED IBERIA ((Effective beginning Fall 2017 semester))	MDES UN2042	South Asia at the Crossroads of Empires (Effective beginning Fall 2023)
SPAN UN3349	HISPANIC CULTURES I (SP)	MDES UN2012	Finding Happiness: Readings in Arab-Islamic Texts (Effective beginning Fall 2022)
PORT UN3350	LUSOPHONE AFR/AFRO-BRAZ CULTRS	MDES UN2030	Major Debates in the Study of Africa
SPAN UN3350	HISPANIC CULTURES II (SP)	MDES W2041	Introduction to Indian Philosophy (Effective beginning Spring 2015)
SPAN UN3361	ARTISTIC HUMANITY (Effective beginning Spring 2017)	ASCM UN2357	INTRO TO INDIAN CIVILIZATION
SPAN UN3489	Staging Revolt: Masses, Multitudes # Political Performance in the Hispanic World (Effective beginning Spring 2025)	MDES UN2641	CINEMAS OF INDIA (Effective beginning Fall 2020)
PORT UN3490	BRAZILIAN SOCIETY # CIV (ENG) (Effective beginning Fall 2017 semester)	MDES UN2650	GANDHI # HIS INTERLOCUTORS (Gandhi and His Interlocutors; Effective beginning Spring 2015)
SPAN UN3490	Latin American Humanities I: From Pre-Columbian Civilizations to the Creation of New Nations	MDES UN3000	THEORY AND CULTURE
SPAN W3491	Latin American Humanities II: From Modernity to the Present [In English]	CLME W3032	Colonialism: Film, Fiction, History & Theory
PORT UN3601	Race, Medicine and Literature in 19th-Century Brazil (Effective beginning Fall 2020)	HSME UN3044	From Colonial to Global Health (Effective beginning Fall 2017 semester)
SPAN UN3894	Law, Literature, and Gender in the Hispanic World (Effective beginning Spring 2025)	MDES UN3047	MESAAS # History: Court Cultures 350-1750 (Effective beginning Spring 2021)
<b>Linguistics</b>		MDES UN3121	Literature and Cultures of Struggle in South Africa (Effective beginning Spring 2017)
LING UN3102	Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC (Effective beginning Fall 2019)	MDES UN3130	E AFRICA # THE SWAHILI COAST
<b>Middle Eastern, South Asian, and African Studies</b>		CLME UN3221	ARABIC LITERATURE AS WORLD LITERATURE (Effective beginning Fall 2017 semester- course number changed to CLME GU4272 beginning Spring 2020)
MDES UN1001	CRITICAL THEORY: A GLOBAL PERSPECTIVE (Effective beginning Spring 2018)	MDES UN3260	RETHINKING MIDDLE EAST POLITCS (Effective beginning Spring 2017)
MDES UN1030	"Game of Thrones": On Epics and Empires (Effective beginning Fall 2021)		
MDES UN1003	Premodern Islamic Worlds (Effective beginning Fall 2024)		

CLME UN3266	Decolonizing the Arabian Nights (Was formerly MDES GU4266 "Decolonizing the Arabian Nights". New course number effective beginning Spring 2022.)
MDES UN3335	Introduction to Armenian Studies (Effective beginning Fall 2023)
MDES UN3421	Islamic Central Asia (Effective beginning Fall 2020)
MDES UN3445	SOCIETIES/CULTRS: INDIAN OCEAN (Effective beginning Fall 2013)
CLME UN3928	ARABIC PRISON WRITING
MDES UN3930	Iraq: War, Love, and Exile (Effective beginning Spring 2021)
CLME GU4031	Cinema and Society In Asia and Africa
MDES G4052	Locating Africa in the Early 20th Century World
MDES GU4150	Introduction to African Philosophy (Effective beginning Spring 2017)
CLME GU4225	New Millenium Challenges in Arabic Literary Production (Effective beginning Spring 2019- formerly "Arabic Literary Production"; New title effective Fall 2019)
CLME GU4226	ARABIC AUTOBIOGRAPHY GLOBAL DIMENSIONS (Effective beginning Spring 2018)
CLME GU4229	Afro-Mediterranean Cultural Geographies: Ifriqiya-Tunis ((Effective beginning Fall 2018))
CLME GU4231	COLD WAR ARAB CULTURE
CLME GU4241	SUFISM: PRIMARY TEXTS/ CONTEXTS
CLME G4261	Popular Islam: Asia and Africa
MDES GU4259	War Narrative: The Arab World (Effective beginning Fall 2019)
CLME GU4262	THEMES IN THE ARABIC NOVEL (Effective beginning Fall 2018)
MDES GU4266	Decolonizing the Arabian Nights (Effective beginning Fall 2021. Effective Spring 2022- new course number CLME UN3266)
CLME GU4272	ARABIC LITERATURE AS WORLD LITERATURE (was formerly CLME UN3221- change of course number effective Spring 2020)
MDES G4326	The Armenian Genocide and the Holocaust: Memory and Representation
MDES GU4360	Armenians and the Modern World (Effective beginning Spring 2024)

MDES GU4634	Sound and Listening Cultures of the Indian Subcontinent (effective beginning Spring 2023)
MDES GU4637	Cinema and Colonialism in South Asia (Effective beginning Spring 2018)
MDES GU4945	Contested Histories: A Medieval Jewish Empire? (Effective beginning Spring 2024)
<b>Music</b>	
MUSI UN2020	SALSA, SOCA # REGGAE
MUSI V2430	Listening and Sound in Cross-Cultural Perspective (Effective beginning Fall 2014; formerly MUSI W4430)
AHMM UN3320	MUSIC IN EAST ASIA
AHMM UN3321	MUSICS OF INDIA # WEST ASIA
MUSI GU4113	Medieval Mediterranean Love Songs (Effective beginning Spring 2024)
MUSI GU4438	Music and Global Africa (Effective beginning Spring 2025)
MUSI GU4466	Sound and Image in Modern East Asian Music (Effective Spring 2017)
<b>Physics</b>	
SCNC UN3001	Nuclear Weapons and Nuclear Testing: Marshall Islands (Effective beginning Spring 2021)
<b>Philosophy</b>	
PHIL UN3000	BUDDHIST PHILOSOPHY (Effective beginning Fall 2022)
<b>Religion</b>	
RELI UN1612	Religion and the History of Hip Hop (Effective beginning Spring 2020)
RELI UN2205	BUDDHISM: INDO-TIBETAN (effective Fall 2016)
RELI UN2305	ISLAM
RELI UN2306	INTRO TO JUDAISM (Effective beginning Fall 2018)
RELI UN2405	CHINESE RELIGIOUS TRADITIONS (formerly RELI UN2307)
RELI UN2308	BUDDHISM: EAST ASIAN
RELI UN2309	HINDUISM
RELI UN2335	RELI IN BLACK AMERICA:AN INTRO (formerly RELI V2645)
RELI UN3303	Judaism and Translation in the Medieval and Early Modern Mediterranean (effective Spring 2017)
RELI UN3407	Muslims in Diaspora (Effective beginning Spring 2016; formerly RELI V3307)
RELI UN3314	QURAN (Effective beginning Fall 2023)



RELI UN3425	Judaism and Courtly Literature in Medieval and Early Modern Iberia and Italy (Effective beginning Fall 2016 )
RELI Q3511	Tantra in South Asia, East Asia & the West (Effective beginning Spring 2015; formerly RELI V3411)
RELI UN3521	Muslim Masculinities (Effective beginning Spring 2019)
RELI GU4214	African and North African Philosophy: An Introduction (Effective beginning Summer 2021)
RELI GU4215	Hinduism Here (Effective beginning Fall 2019)
RELI GU4204	Religions of the Iranian World (Effective Spring 2020)
RELI GU4304	Krishna (Effective beginning Fall 2017)
RELI GU4314	Bhakti Poets (Effective beginning Spring 2022)
RELI GU4322	EXPLORING THE SHARIA: ISLAMIC LAW (Effective beginning Fall 2018)
RELI GU4418	On African Theory: Religion, Philosophy, Anthropology (Effective beginning Spring 2019)
RELI GU4999	GLOBAL INDIGENOUS RELIGIOUS HISTORIES (Effective beginning Fall 2020)
<b>Slavic Languages</b>	
SLCL UN3001	SLAVIC CULTURES
SLCL UN3100	FOLKLORE PAST # PRESENT (Effective beginning Fall 2021 semester- New course number SLCL GU4002- effective beginning Spring 2025)
RUSS UN3230	Tricksters in World Culture: Mockery, Subversion, Rebellion (Effective beginning Fall 2022)
SLCL GU4002	Folklore Past and Present (formerly SLCL UN3001- New course number effective beginning Spring 2025))
CLSL GU4012	Holocaust Literature: Critical Thinking in Dark Times (Effective beginning Fall 2023)
CLSL GU4013	Jewish Worlds in Eastern Europe: A Journey (Effective beginning Summer 2024)
CLRS GU4022	Russia and Asia: Orientalism, Eurasianism, Internationalism
GEOR GU4042	Expressive Culture of Soviet and Independent Georgia (Effective beginning Spring 2017)
CLRS W4190	Race, Ethnicity, and Narrative, in the Russian/Soviet Empire

**Sociology**

SOCI UN3324	Global Urbanism
<b>Theatre</b>	
THTR UN3154	THEATRE TRAD GLOBAL CONTEXT (formerly THTR UN3000)
<b>Urban Studies</b>	
URBS UN3351	URBAN ELSEWHERE: EXPLORING A WORLD OF CITIES (Effective beginning Spring 2021)

## ALL APPROVED COURSES: OFFERED ABROAD

*Not all courses are taught each academic year. Below is the full list of all courses offered abroad through Columbia-sponsored programs that are approved for the Global Core Requirement, regardless of semester offered. For more information, consult the [Office of Global Programs](#). Last updated on March 14, 2025.*

**Columbia Athens Global Center**

GRKM OC3936	Columbia Summer Global Core: The Athens Experience (Effective beginning Summer 2025)
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**Center for the Study of Ethnicity and Race**

CSER OC3928	Colonization/Decolonization (Effective beginning Summer 2017; taught in Mexico City)
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**Columbia in Amman and Paris: Middle Eastern and North African Studies (MENA) Program**

MENA OC4100	Migration, Displacement and Diaspora in the French and North African Context (taught in Paris, effective beginning Summer 2017) (formerly Maghreb-Mashrek: East and West)
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**Columbia in Amman and Tunis: Middle Eastern and North African Studies**

MENA OC4101	Culture/ History Seminar of the Middle East-North Africa Summer Program in Amman & Tunis (Effective beginning Summer 2019)
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**Columbia Global Seminar in Istanbul**

Not offered during the Spring 2018 semester	
CLGM OC3920	The World Responds to the Greeks: Modernity, Postmodernity, Globality (Effective beginning Spring 2015; taught in Istanbul)

**Columbia in London- Queen Mary University**

CLEN OC3500	LONDON IN POSTCOLONIAL FICTION: 'WE ARE HERE BECAUSE YOU WERE THERE' (Effective beginning Fall 2018))
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**Latin American and Caribbean Studies (Global Scholars Program)**

LCRS OC3501	Latin American Cities (Effective beginning Summer 2017)
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**Columbia Summer Program in Tunis and Istanbul:  
Democracy and Constitutional Engineering**

Not offered during the Spring 2018 semester

POLS OC3545	Comparative Democratic Processes (Effective beginning Summer 2015; taught in Istanbul)
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**Columbia Summer Program in Venice**

CLIA OC4600	Mediterranean Humanities II in Venice (Effective beginning Summer 2025. Students may only receive Global Core credit for either CLIA GU4500 or CLIA OC4600; not both.)
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**Slavic Languages - Office of Global Programs**

Not offered during the Spring 2018 semester

CLSL OC4001	The Muslim and the Christian in Balkan Narratives ((Effective beginning Summer 2016; taught in Istanbul))
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**Reid Hall in Paris**

AHIS OC4652	The Black Voices of Black Model: New Perspectives for the Histories of Art (Effective beginning Summer 2019)
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CLEN OC3245 Black Americans and the City of Light: A  
Seminar (effective Summer 2020)

FILM OC4225	Arab & African Filmmaking (Effective beginning Summer 2019)
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FREN OC3330 Paris Noir (same as FREN OC3817-Black  
Paris- course number effective beginning Summer 2021)

FILM GU4330	(Effective beginning Summer 2024- to be offered in Reid Hall, Paris)
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FREN OC3719	VIOLENCE BY AND AGAINST WOMEN (Effective beginning Spring 2019)
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FREN OC3817	Black Paris (Effective Spring 2017; taught in Paris)
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CLFR OC3821	CITY DIPLOMACY (Effective beginning Spring 2021)
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FREN OC3821	"Blackness" in French: from Harlem to Paris and Beyond (Effective beginning Summer 2018))
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HIST UN3136 France and the African Diaspora (Effective  
beginning Summer 2024- To be offered in Reid Hall, Paris)

WMST OC3550	WOMEN # SOCIETY - SEX- TRADE ECONOMY (Effective Spring 2016, will not be offered Spring 2018; taught in Paris)
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FMST GU4325 Waves on New Shores: New Cinema in  
France, Japan, and Brazil (effective beginning Summer 2022)

## SCIENCE REQUIREMENT

General Information: Academic Affairs, [cosi@columbia.edu](mailto:cosi@columbia.edu)

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.

**All students in Columbia College must complete three courses in fulfillment of the science requirement. The three courses must be distributed across the three categories detailed below: Science A, Science B, and Science C.**

**Each of the three courses must carry at least 3 points of credit. All courses used to satisfy the science requirement must be taken for a letter grade.**

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, if the two courses together will fulfill both Science B and Science C. 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.

**Transfer students** may be able to apply transfer credit for science coursework taken elsewhere to the Science requirement. One of the three required science courses must be taken at Columbia, and the coursework taken to fulfill the three-semester science requirement must be distributed across the categories of Science B and Science C.

**Unless otherwise indicated, students may not use Barnard College courses to fulfill the Columbia College science requirement.**

### SCIENCE A

Students who enter the College as first-year students are required to take [SCNC CC1000](#) Frontiers of Science during their first or second semester (whichever term in which they are not taking [ENGL CC1010](#) University Writing)

## SCIENCE B

All College students must complete at least one course offered by one of the following seven Columbia University science departments. (Unless otherwise indicated, students may not use Barnard College courses to fulfill the Columbia College science requirement.)

*Courses in the list that are designed for non-science majors are noted with an asterisk.*

### Astronomy

ASTR UN1234	UNIVERSAL TIMEKEEPER (*)
ASTR UN1403	EARTH, MOON, AND PLANETS (*)
ASTR UN1404	STARS, GALAXIES # COSMOLOGY (*)
ASTR UN1420	Galaxies and Cosmology (*)
ASTR UN1453	ANOTHER EARTH (*)
ASTR UN1610	THEOR-UNIVERS:BABYLON-BIG BANG
ASTR BC1753	LIFE IN THE UNIVERSE (*)
ASTR BC1754	Stars, Galaxies, and Cosmology (*)
ASTR UN1836	STARS AND ATOMS (*)
Recommended Sequences:	
ASTR UN1403 & ASTR UN1404	EARTH, MOON, AND PLANETS and STARS, GALAXIES # COSMOLOGY (*)
ASTR UN1403 & ASTR UN1420	EARTH, MOON, AND PLANETS and Galaxies and Cosmology (*)
ASTR UN1403 & ASTR UN1836	EARTH, MOON, AND PLANETS and STARS AND ATOMS (*)
ASTR UN1404 & ASTR BC1753	STARS, GALAXIES # COSMOLOGY and LIFE IN THE UNIVERSE (*)
ASTR BC1753 & ASTR UN1404	LIFE IN THE UNIVERSE and STARS, GALAXIES # COSMOLOGY (*)
ASTR BC1753 & ASTR BC1754	LIFE IN THE UNIVERSE and Stars, Galaxies, and Cosmology (*)
Any 3-point ASTR course numbered 2000 or higher	

### Biology

BIOL UN1130	GENES AND DEVELOPMENT (*)
BIOL UN2300	Interpreting Scientific Evidence (*)
Any 3- or 4-point BIOL course numbered 2000 or higher	

### Chemistry

CHEM UN1403	GENERAL CHEMISTRY I-LECTURES (*)
CHEM UN1404	GENERAL CHEMISTRY II-LECTURES (*)
CHEM UN1500	GENERAL CHEMISTRY LABORATORY (*)

CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE) (*)
CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB (*)
SCNC UN1800	ENERGY # ENERGY CONSERVATION (* this course is offered through the Chemistry department)
SCNC UN1900	Water (*this course is offered through the Chemistry department)

Any CHEM course numbered 3000 or higher

### Earth and Environmental Sciences

EESC UN1001	DINOSAURS AND HISTORY OF LIFE (* students will only receive credit for one of these courses: 1001, 1004, 1401)
EESC UN1003	Climate and Society: Case Studies (*)
EESC S1004	Dinosaurs and the History of Life (* students will only receive credit for one of these courses: 1001, 1004, 1401)
EESC UN1009	GLOBAL WARMING FOR GLOBAL LEADERS (*)
EESC UN1011	Earth: Origin, Evolution, Processes, Future (* students will only receive credit for one of these courses: 1011, 1411)
EESC UN1030	OCEANOGRAPHY (*)
EESC UN1053	Planet Earth (*)
EESC UN1201	Environmental Risks and Disasters (*)
EESC UN1401	DINOSAUR # HISTORY OF LIFE-LEC (* students will only receive credit for one of these courses: 1001, 1004, 1401)
EESC UN1411	Earth: Origin, Evolution, Processes, Future: Lectures (* students will only receive credit for one of these courses: 1011, 1411)
EESC UN1600	EARTH RESOURCES # SUSTAIN DEV (*)
EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT
Any EESC course numbered 3000 or higher	
<b>Ecology, Evolution, and Environmental Biology</b>	
EEEB UN1001	Biodiversity (*)
EEEB UN1010	HUMAN ORIGINS # EVOLUTION (*)
EEEB UN1011	BEHAVIOR BIOL-LIVING PRIMATES (*)

EEEB S1115Q	The Life Aquatic (*)
<b>Recommended Sequences:</b>	
EEEB UN1001 & EEEB UN3087	Biodiversity and CONSERVATION BIOLOGY (*)
EEEB UN1010 & EEEB UN1011	HUMAN ORIGINS # EVOLUTION and BEHAVIOR BIOL-LIVING PRIMATES (*)
EEEB UN2001	ENVIRONMENTAL BIOLOGY I
EEEB UN2002	ENVIRONMENTAL BIOLOGY II
EEEB UN2201	
EEEB UN3087	CONSERVATION BIOLOGY
FSEB UN1020	Food and the Body (* this course is offered through the Ecology, Evolution, and Environmental Biology department)
Any EEEB course numbered 3000 or higher except UN3919, GU4321, and GU4700	
<b>Physics</b>	
PHYS UN1001	PHYSICS FOR POETS (*)
PHYS UN1018	WEAPONS OF MASS DESTRUCTION (*)
PHYS UN1111	ORIGINS AND MEANING (*)
PHYS UN1201	GENERAL PHYSICS I
PHYS UN1202	GENERAL PHYSICS II
PHYS UN1401	INTRO TO MECHANICS # THERMO
PHYS UN1402	INTRO ELEC/MAGNETISM # OPTICS
PHYS UN1403	INTRO-CLASSCL # QUANTUM WAVES
PHYS UN1601	PHYSICS I:MECHANICS/ RELATIVITY
PHYS UN1602	PHYSICS II: THERMO, ELEC # MAG
Any 3-point PHYS course numbered 2000 or higher	
<b>Psychology</b>	
PSYC UN1001	THE SCIENCE OF PSYCHOLOGY (*)
PSYC UN1010	Mind, Brain and Behavior (*)
PSYC UN1021	Science of Psychology: Explorations and Applications (*)
Any PSYC course in the 2200- or 2400-level may be used to fulfill the science requirement	
All 3- and 4-point courses numbered in the 32xx, 34xx, 42xx, and 44xx can partially fulfill the science requirement	
With prior departmental approval, some additional courses may also be used to partially fulfill the science requirement	
PLEASE NOTE: 2600-level and some other psychology courses, including PSYC BC1001 INTRODUCTION TO PSYCHOLOGY and other Barnard psychology courses, <b>may</b> <b>not</b> be used to fulfill the science requirement	

## SCIENCE C

All College students must complete one course from the following list of courses, which includes the courses in Science Category B plus a number of courses in other Columbia University academic departments and programs. (Unless otherwise indicated, students may not use Barnard College courses to fulfill the Columbia College science requirement.)

*Courses in the list that are designed for non-science majors are noted with an asterisk.*

### Astronomy

ASTR UN1234	UNIVERSAL TIMEKEEPER (*)
ASTR UN1403	EARTH, MOON, AND PLANETS (*)
ASTR UN1404	STARS, GALAXIES # COSMOLOGY (*)
ASTR UN1420	Galaxies and Cosmology (*)
ASTR UN1453	ANOTHER EARTH (*)
ASTR BC1753	LIFE IN THE UNIVERSE (*)
ASTR BC1754	Stars, Galaxies, and Cosmology (*)
ASTR UN1836	STARS AND ATOMS (*)
<b>Recommended Sequences:</b>	
ASTR UN1403 & ASTR UN1404	EARTH, MOON, AND PLANETS  and STARS, GALAXIES # COSMOLOGY (*)
ASTR UN1403 & ASTR UN1420	EARTH, MOON, AND PLANETS  and Galaxies and Cosmology (*)
ASTR UN1403 & ASTR UN1836	EARTH, MOON, AND PLANETS  and STARS AND ATOMS (*)
ASTR UN1404 & ASTR BC1753	STARS, GALAXIES # COSMOLOGY and LIFE IN THE UNIVERSE (*)
ASTR BC1753 & ASTR UN1404	LIFE IN THE UNIVERSE and STARS, GALAXIES # COSMOLOGY (*)
ASTR BC1753 & ASTR BC1754	LIFE IN THE UNIVERSE and Stars, Galaxies, and Cosmology (*)

Any 3-point ASTR course numbered 2000 or higher

### Biology

BIOL UN1130	GENES AND DEVELOPMENT (*)
BIOL UN2300	Interpreting Scientific Evidence (*)
Any 3- or 4-point BIOL course numbered 2000 or higher	

### Chemistry

CHEM UN1403	GENERAL CHEMISTRY I- LECTURES (*)
CHEM UN1404	GENERAL CHEMISTRY II- LECTURES (*)
CHEM UN1500	GENERAL CHEMISTRY LABORATORY (*)

CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE) (*)
CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB (*)
SCNC UN1800	ENERGY # ENERGY CONSERVATION (* this course is offered through the Chemistry department)
SCNC UN1900	Water (*this course is offered through the Chemistry department)

Any CHEM course numbered 3000 or higher

### Computer Science

COMS W1001	Introduction to Information Science (*)
COMS W1002	COMPUTING IN CONTEXT (*)
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI

COMS W1007

COMS W2132 Intermediate Computing in Python

Any 3-point COMS course numbered 3000 or higher

### Earth and Environmental Engineering

EAEE E2100 A BETTER PLANET BY DESIGN (\*)

### Earth and Environmental Sciences

EESC UN1001	DINOSAURS AND HISTORY OF LIFE (* students will only receive credit for one of these courses: 1001, 1004, 1401)
EESC UN1003	Climate and Society: Case Studies (*)
EESC S1004	Dinosaurs and the History of Life (* students will only receive credit for one of these courses: 1001, 1004, 1401)
EESC UN1009	GLOBAL WARMING FOR GLOBAL LEADERS (*)
EESC UN1011	Earth: Origin, Evolution, Processes, Future (* students will only receive credit for one of these courses: 1011, 1411)
EESC UN1030	OCEANOGRAPHY (*)
EESC UN1053	Planet Earth (*)
EESC UN1201	Environmental Risks and Disasters (*)
EESC UN1401	DINOSAUR # HISTORY OF LIFE-LEC (* students will only receive credit for one of these courses: 1001, 1004, 1401)
EESC UN1411	Earth: Origin, Evolution, Processes, Future: Lectures (* students will only receive credit for one of these courses: 1011, 1411)

EESC UN1600	EARTH RESOURCES # SUSTAIN DEV (*)
EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

Any EESC course numbered 3000 or higher

### Ecology, Evolution, and Environmental Biology

EEEB UN1001	Biodiversity (*)
EEEB UN1010	HUMAN ORIGINS # EVOLUTION (*)
EEEB UN1011	BEHAVIOR BIOL-LIVING PRIMATES (*)
EEEB S1115Q	The Life Aquatic (*)

### Recommended Sequences:

EEEB UN1001 & EEB UN3087	Biodiversity and CONSERVATION BIOLOGY (*)
EEEB UN1010 & EEB UN1011	HUMAN ORIGINS # EVOLUTION and BEHAVIOR BIOL-LIVING PRIMATES (*)
EEEB UN2001	ENVIRONMENTAL BIOLOGY I
EEEB UN2002	ENVIRONMENTAL BIOLOGY II
EEEB UN2201	
EEEB UN3087	CONSERVATION BIOLOGY
FSEB UN1020	Food and the Body (* this course is offered through the Ecology, Evolution, and Environmental Biology department)

Any EEBB course numbered 3000 or higher except UN3919, GU4321, and GU4700

### Electrical Engineering

ELEN E1101	THE DIGITAL INFORMATION AGE (*)
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### Food Studies

FSPH UN1100	FOOD, PUBLIC HEALTH # PUBLIC POLICY (*)
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### History and Applied Math

HSAM UN2901	DATA:PAST, PRESENT AND FUTURE
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### Linguistics

LING UN3103	Language, Brain and Mind (Beginning Fall 2024 semester)
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### Mathematics

MATH UN1003	COLLEGE ALGEBRA-ANLYTC GEOMTRY (*)
PHIL UN3411	SYMBOLIC LOGIC (*)
PHIL GU4424	MODAL LOGIC (*)

Any 3- or 4-point MATH course numbered 1100 or higher

CSPH GU4801	MATH LOGIC I
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CSPH GU4802	Math Logic II: Incompleteness
<b>Physics</b>	
PHYS UN1001	PHYSICS FOR POETS (*)
PHYS UN1018	WEAPONS OF MASS DESTRUCTION (*)
PHYS UN1111	ORIGINS AND MEANING (*)
PHYS UN1201	GENERAL PHYSICS I
PHYS UN1202	GENERAL PHYSICS II
PHYS UN1401	INTRO TO MECHANICS # THERMO
PHYS UN1402	INTRO ELEC/MAGNETISM # OPTCS
PHYS UN1403	INTRO-CLASSCL # QUANTUM WAVES
PHYS UN1601	PHYSICS I:MECHANICS/ RELATIVITY
PHYS UN1602	PHYSICS II: THERMO, ELEC # MAG
Any 3-point PHYS course numbered 2000 or higher	
<b>Psychology</b>	
PSYC UN1001	THE SCIENCE OF PSYCHOLOGY (*)
PSYC UN1010	Mind, Brain and Behavior (*)
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Any PSYC course in the 2200- or 2400-level may be used to fulfill the science requirement	
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PLEASE NOTE: 2600-level and some other psychology courses, including PSYC BC1001 INTRODUCTION TO PSYCHOLOGY and other Barnard psychology courses, <b>may not</b> be used to fulfill the science requirement	
<b>Science</b>	
SCNC UN1212	Foundations of Science (*)
<b>Statistics</b>	
STAT UN1001	INTRO TO STATISTICAL REASONING (*)
STAT UN1010	Statistical Thinking For Data Science (*)
Any 3-point STAT course except STAT 3997	

## SUMMER SESSION COURSES

Students who wish to take summer courses to fulfill the Science requirement may do so through the Summer Session offered by the School of Professional Studies (SPS).

For policies regarding summer study, see the [Academic Regulations—Summer Study](#) section of this Bulletin.

For a list of summer courses approved for the science requirement, students should consult the annually updated [List of Approved Summer Courses](#).

# PHYSICAL EDUCATION REQUIREMENT

**General Information**  
Physical Education Department  
Dodge Physical Fitness Center  
212-854-3439

[Physical Education Website](#)  
All Columbia College students must complete a two-semester Physical Education requirement and pass a swim test in order to graduate.

Students may register for only one Physical Education course in a single semester. Students may elect to take additional semesters of Physical Education for academic credit after the minimum requirement of 2 credits has been fulfilled, up to a maximum of 4 points of credit for Physical Education courses that can count towards the B.A. degree.

Dance courses at Barnard College can be taken to fulfill the two-semester Physical education requirement.

Grades for Physical Education courses are generally based on attendance and participation. To pass a course, students must fulfill the attendance and participation requirements outlined by each section and available on the physical education website. **Students who are absent more than the permissible number of times are withdrawn from the course, unless they complete and file a drop form by the official deadline to drop a course.**

If students will miss a class meeting in order to observe a major religious holiday, they are responsible for arranging make-up classes with the instructor or departmental representative prior to the holiday.

## The Swim Test Requirement

The swim test requirement can be fulfilled either by passing a swim test or by taking a one-semester PHED swimming course for beginners.

Students may request a waiver for the swim test for reasons of disability or for reasons of religious observance. A waiver related to a disability that precludes swimming must be certified by Columbia Health. A waiver related to religious observance that precludes swimming must be approved by the director of the Physical Education program. All requests for waivers and accommodations are reviewed by the director of the Physical Education program.

## INTERCOLLEGIATE ATHLETICS

### Intercollegiate Athletes and the Physical Education and Swim Test Requirement

To fulfill the two-semester Physical Education requirement, a rostered student-athlete who intends to participate in an intercollegiate sport should register for the appropriate section of PHED UN1005 INTERCOLLEGIATE ATHLETICS.

Intercollegiate athletes may earn up to 4 points of credit of PHED UN1005 toward the degree.

Student-athletes who leave the team in mid-term but still wish to receive academic credit must notify the Physical Education Office and be placed in another physical education course to complete the attendance requirement.

Student-athletes are responsible for fulfilling the swim requirement according to the guidance noted above.

### Eligibility for Intercollegiate Athletics

Any student in the College who is pursuing the undergraduate program or a combined program toward a first degree is eligible for intercollegiate athletics. To be eligible for athletic activities, the student must make appropriate progress toward the degree as defined by the NCAA, the Ivy League, and Columbia University. These criteria are monitored by the Center for Student Advising and certified by the Office of the Registrar.

Questions about athletic eligibility should be referred to the appropriate advising dean or the compliance office in the Department of Intercollegiate Athletics and Physical Education.

For more information, visit [www.gocolumbiaions.com](http://www.gocolumbiaions.com).

# ACADEMIC REGULATIONS

## ATTENDANCE IN COURSES

Attendance in all class meetings, laboratory periods and other required events for a course is a basic expectation of all students enrolled in the course, whether or not attendance is noted as a requirement on a course syllabus.

Instructors may take attendance into account in assessing a student's performance in a course. In many courses, particularly those with the requirement of regular participation, multiple absences could lead to a failing grade for the course, even before the conclusion of the semester.

Students are accountable for absences that result from enrolling in a course after the semester begins.

For related information about attendance, see [Columbia University Policies—Religious Holidays](#).

## POINTS OF CREDIT PER TERM

Every Columbia College student must complete 124 points of academic credit to earn the B.A. degree from Columbia College. To complete this number of credits over 8 semesters, students will need to complete an average of 15.5 credits per semester, which typically represents 4 to 5 academic courses (each of 3 or more credits) per term.

A student's "academic program" is the full complement of courses in which the student is registered in an academic term—the combination of subjects, topics, and credits that a student plans to complete in a given semester.

**A full-time course load is defined as an academic program carrying 12-18 points per semester.**

- All Columbia College students are required to be full-time students and must therefore be registered for a minimum of 12 points of credit per term. Columbia College students are not permitted to enroll as part-time students.
- Any student who has not registered for at least 12 points of credit by the end of the [Change of Program period](#) may be withdrawn from Columbia College.
- An exception to this policy can be made for students in their final term who need fewer than 12 points of credit to complete their degree requirements, with the understanding that they will still be viewed as full-time students and will be responsible for full-time tuition and fees and for all other rules that apply to full-time students. Students in this scenario may petition the Committee on Academic Standing to register for fewer than 12 points and should consult with their advising deans in the [Berick](#)

[Center for Student Advising](#). If they are approved to take fewer than 12 points of credit, they will still be considered full-time students of Columbia College and be responsible for all relevant tuition and fees.

- Students may not enroll in more than 18 points of credit unless they petition the Committee on Points in the Berick Center for Student Advising and receive permission to do so.
- Students in their first semester at Columbia (i.e., first-year students and new transfer students in their first semester) may not petition to register for more than 18 points.

## LENGTH OF CANDIDACY

**Students are expected to earn the Bachelor of Arts (B.A.) degree at Columbia College in eight Fall and Spring semesters.**

Students may continue to take required coursework for the B.A. degree past the eighth semester only with permission from the Committee on Academic Standing, after first discussing such requests with their advising deans in the [Berick Center for Student Advising](#). Study beyond the eighth term is granted only for students who have found themselves in emergent circumstances beyond their control which have prevented them from completing the degree in eight terms.

**Note: Study beyond the eighth term is not granted for the purposes of changing a major or of completing a second program of study (e.g., a minor, special program, or second major).**

## PROGRESS TOWARD THE DEGREE

At the end of each Fall and Spring semester, the Committee on Academic Standing reviews the records of all students enrolled in Columbia College to determine whether students are in good academic standing or whether academic action is warranted—including academic warning, academic probation, suspension and dismissal.

### Good Academic Standing

To be considered in good academic standing, students achieve the following in each academic term:

- Complete a minimum of 12 points of credit of academic coursework;
- Achieve a term minimum grade point average of 2.0 (a "C" average);
- Achieve a cumulative grade point average of 2.0 (a "C" average);
- Make expected progress in the required Core Curriculum courses;

- Make expected progress in the coursework toward a declared major; and
- Make adequate progress in the number of cumulative credits required to be earned in eight semesters—i.e., the minimum of 124 credits for the Bachelor of Arts degree.
  - Students are expected to complete their degrees in eight semesters. Students who do not make adequate progress toward the degree may be placed on academic probation.
  - Adequate progress toward the degree is defined according to cumulative earned credits, as noted by the number of credits listed in the column of the chart below titled “Threshold for Academic Probation.”:

Semester	Points for typical progress	Threshold for academic probation
1	12	<12
2	31	<24
3	46	<38
4	62	<52
5	77	<70
6	93	<88
7	108	<106
8	124	

## Academic Warning and Probation

**Students may be placed on academic warning for the following reasons:**

- earning a term grade point average of 2.0, or just over 2.0, such that there is concern that the student may lose good academic standing if performance does not improve.
- earning a cumulative grade point average of 2.0, or just over 2.0, such that there is concern that the student may lose good academic standing if performance does not improve.

Students may also be placed on academic warning for completing fewer cumulative points than expected for the number of terms completed at Columbia College, such that it will be difficult for the student to complete the degree in eight semesters. Students in this situation should still be able to graduate in eight semesters without having to take more than the maximum of 18 points of coursework per semester.

The action of academic warning does not remain on a student’s record.

**Students may be placed on academic probation for the following reasons:**

- completing fewer than the required minimum of 12 points of credit in a term;
- earning a term grade point average average below 2.0;
- earning a cumulative grade point average average below 2.0;

- failing a Core Curriculum class; or
- failing to complete Frontiers of Science, Literature Humanities (both semesters), or University Writing in their first year.

Students may also be placed on academic probation for failing to make satisfactory progress toward the degree, according to the thresholds noted in the table above.

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

The action of academic probation remains on a student’s record for internal use only. The status of academic probation is not noted on students’ transcripts.

**Students may not appeal the actions of academic warning or academic probation.**

Students and parents/guardians are notified when students are placed on academic probation. The advising deans in the [Berick Center for Student Advising](#) provide support to help students who are on academic action return to good standing.

## Academic Suspension/Dismissal

Students who fail to improve after being on academic probation, as well as students with extremely poor records during a single term, may be suspended and required to withdraw from Columbia College for at least one year. Conditions for readmission are specified at the time of suspension. If a student is readmitted after having been suspended and again fails to achieve satisfactory grades or to make normal progress toward the degree, the student may be dismissed from the College.

Students are notified by email and express mail of the actions of suspension or dismissal, and they will have a limited time in which to appeal the decision.

The decision of the appeals committee is final.

The actions of academic suspension or academic dismissal remain on students’ records and are recorded on the students’ transcripts.

Parents and/or guardians are notified when students are suspended or dismissed for academic reasons.

International students with F-1 or J-1 status are not allowed to remain in the United States while suspended or dismissed from the University. Any international student who is dismissed or suspended should immediately contact the [International Students and Scholars Office \(ISSO\)](#) to discuss available options.

## GRADUATION

The B.A. degree can be awarded three times during the year: in February, in May, and in October. Under special circumstances, a B.A. degree scheduled to be awarded in May may be awarded in June instead.

Columbia College holds its Class Day exercises in May. This ceremony is presided over by the Dean of Columbia College, and each graduating senior is individually acknowledged and congratulated by the Dean.

The University holds its Commencement ceremony for all schools of Columbia University in May (see [Academic Calendar](#)). This ceremony is presided over by the President of Columbia University, and the President officially confers the Bachelor of Arts degree upon all students graduating from Columbia College.

## Application or Renewal of Application for the Degree

In order to receive the Bachelor of Arts degree from Columbia College, students who are on track to complete all requirements for the degree must apply for the degree.

General deadlines for applying for graduation are September 1 for October degrees; November 1 for February degrees; and December 1 for May degrees. When a deadline falls on a weekend or holiday, the deadline moves to the next business day.

The application for the degree is available on the Registrar's website. Students may complete the [degree application form](#) electronically and submit it to [diplomas@columbia.edu](mailto:diplomas@columbia.edu). Alternative instructions for submitting the application for the degree are noted on the form.

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

Diplomas are mailed to students after the degree has been officially conferred. There is no charge for the preparation and conferral of an original diploma. Students' names will be printed exactly as they appear on their transcript. Students are advised to check their transcript and email the Office of the University Registrar at [registrar@columbia.edu](mailto:registrar@columbia.edu) if corrections are needed.

If students wish to change the name noted on the transcript, they must submit the [Name Change Affidavit](#). The affidavit must be notarized and filed by the deadline to submit the application for degree.

If a graduate's Columbia diploma is lost or damaged, there will be a charge of \$100 for a replacement diploma. Note that replacement diplomas carry the signatures of current University officials. Applications for replacement diplomas are available through the [Office of the University Registrar](#).

Additional Information:

- [Application for Degree or Certificate — University Registrar](#)
- [Graduation and Diplomas — University Registrar](#)

- [Commencement Week](#)
- [GradZone](#)

## REGULATIONS FOR TRANSFER STUDENTS

All academic regulations noted in this *Bulletin* apply to students who transfer into Columbia College as sophomores or as juniors, with the following special considerations for their status as transfer students:

### Transfer Credit toward the Degree

Every Columbia College student must complete 124 points of academic credit to earn the B.A. degree from Columbia College. In order to receive the Columbia College degree, transfer students must complete a minimum of 60 points while enrolled in the College - which can include credits earned on Columbia-sponsored study abroad programs.

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

Transfer students receive credit for non-Columbia courses that are substantially similar to Columbia College courses only when the grades received are C- or better. Once a transfer student is admitted, a credit review is conducted by the [Berick Center for Student Advising](#) and a tentative credit evaluation is sent to the student. A final credit evaluation is conducted once the student has matriculated at Columbia College and has submitted a final official transcript for coursework taken elsewhere.

Class standing for students transferring to Columbia College is determined prior to matriculation and is based on the number of terms and credits completed at the home institution. Twelve credits is the equivalent of one full-time term. **A transfer student's class standing will remain in place for the duration of the student's time in Columbia College, regardless of future credits earned.** Once they have matriculated, transfer students may be assigned additional advanced standing like Advanced Placement, International Baccalaureate and other standardized examination credit, but their class status will remain the same. This policy remains in place even when students are eligible to graduate in less than eight terms.

### Transfer Credit toward Academic Requirements

Course descriptions and syllabi may be requested by Columbia College in order for certain courses to be considered for transfer credit and/or for certain courses to be considered for exemption to Columbia College requirements. Transfer students should



consult with their advising deans in the [Berick Center for Student Advising](#), where all appropriate approvals will be coordinated with the relevant academic departments.

The Core Curriculum is the cornerstone of undergraduate academic life at Columbia. Even those transferring in with advanced credit should expect to take most of the coursework in the Core Curriculum, if not all of it. Students are very rarely exempt from the shared Core classes like Literature Humanities, Contemporary Civilization, Art Humanities and Music Humanities.

## Degree Completion

**Transfer students are expected to complete the requirements for the B.A. degree in eight undergraduate Fall and Spring semesters, inclusive of terms completed at other colleges or universities before entering Columbia. Transfer students cannot petition for extended time to complete the degree.**

Some majors may be difficult for transfer students to complete due to the number of credits required, the specific course sequencing, and the number of terms remaining for transfer students to complete all requirements for the Core Curriculum and for the major. There is no guarantee that a transfer student can complete every major offered. Transfer students must declare a major that they are capable of completing in the time available to them while at Columbia College.

Study beyond the eighth term is not granted for the purposes of changing a major or of completing a second program of study (i.e., a minor or a special program or a second major).

Transfer students should be especially careful when planning their academic schedules and are strongly urged to seek out guidance from their advising deans in the [Berick Center for Student Advising](#) and the relevant departmental [Directors of Undergraduate Studies](#).

## EXAMINATIONS

### Midterm Examinations

Midterm examinations are given during the course of each term. Although the term “midterm exam” might suggest one exam that occurs halfway through the term, a midterm exam can be given anytime between the beginning and the end of the term. Midterm examinations are scheduled by each instructor, based on the pedagogical structure of a course. Therefore, while many midterm exams may be scheduled around the midpoint of a term (e.g., late October or mid-March), midterm exams may also fall earlier or later in the term (what we might call instead a “term-time exam”), and a course may require multiple exams during the course of the semester. Students should consult the syllabus of each course in which they are registered for the schedule of required midterm exams.

**Midterm exams missed for travel are not excused**, unless the travel is approved by Athletics for a Varsity athletics team (with advance notice given to the instructor) or if the travel is for a

personal emergency (with notice given to the instructor as early as possible). Travel plans should be scheduled for dates that fall on holidays or on weekends.

### Final Examinations

Final examinations are given at the end of each term. During the first weeks of a Fall or Spring term, the Registrar’s Office issues a Projected University Examination Schedule which presents the likely schedule of final examinations for the semester. The Registrar’s Office will then issue the definitive University-wide Final Exam Schedule typically in early to mid-November for a Fall term and early to mid-April for a Spring term.

**Final exams missed for travel are not excused.** Travel plans should be scheduled for dates that fall on holidays, on weekends, or after final exams. Students should wait to confirm plans to leave campus for winter break until they have confirmation of their weekly course schedule (including discussion sections and labs) and of their final exam schedule, in order to ensure that they will be present for all final exams.

Students can view the Projected University Examination Schedule and the University-wide Final Exam Schedule in their Student Services Online ([SSOL](#)) accounts by clicking on “Schedule,” then “My Exam Schedule.” Students who have trouble locating a class on either list should contact the instructor to make sure the class has an exam.

### Rescheduling Final Exams

#### • Instructor Final Exam Conflicts

Under certain rare circumstances, it may be necessary for an instructor to reschedule a final exam. Any change to the day or time assigned by the Master University Examination Schedule must be agreed upon by the instructor and the students enrolled in the class. All students unable to take the exam at the new agreed-upon time must be given a make-up exam at a time that they are able to attend.

#### • Student Final Exam Conflicts

Students may request a change of schedule for a final exam under either of the following two circumstances:

1. if a student is enrolled in two or more classes whose final exams are scheduled by the Master University Examination Schedule to be held at the same time; and/or
2. if a student has three exams scheduled on any given calendar day (*i.e.*, between 9:00 a.m. and 10:00 p.m. on the same calendar date).

Students in either circumstance should meet with their advising deans in the [Berick Center for Student Advising](#) *as soon as possible after the final exam schedule is published* in order to initiate the process for arranging a make-up exam.

Failure to Complete a Final Exam

If a student does not take a final exam, or begins but does not complete a final exam, a grade of zero or F may be factored for that portion of the final grade. Make-up examinations are not guaranteed for any student who does not take or does not finish a final exam.

Incompletes

Students facing medical, personal, or family emergencies at the time of a final exam or at the due date of a final paper or project may petition the Committee on Academic Standing for permission to complete the final exam, paper, or project at a later date. Students will receive a temporary mark of IN (Incomplete) until the work is completed. For more information, see the [Grades](#) section of this *Bulletin*.

GRADES

The grading system used by Columbia College is as follows:

A+, A, A-	Excellent
B+, B, B-	Good
C+, C, C-	Fair
D	Poor but passing
F	Failure to pass (a final grade, not subject to reexamination)

Other notations may appear on students' transcripts as well:

P	A grade of Pass (P) used to cover a letter grade of C- or higher, if a student has elected the Pass/D/Fail grading option for the course. Restrictions on this option are detailed below.
W	A voluntary withdrawal from a course, initiated by the student. The deadline to withdraw from a course varies among the undergraduate schools.

Additionally, the following notations can be used by instructors for students of Columbia College or General Studies:

AR	A temporary mark submitted by an instructor if a student is experiencing extraordinary circumstances and more time is needed to determine the final grade for the class.
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AR YC	A temporary mark submitted by an instructor for the Fall term grade in a continuous year-long course. When the final grade is calculated at the end of the academic year, the AR <sup>YC</sup> should be changed to a grade so that the Fall and Spring grades for the two semesters are identical.
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Report of Grades

Grades are available to view on [SSOL](#) on the first business day after they are submitted by the instructor. Paper and electronic transcripts may be ordered via [SSOL](#). Students who find discrepancies in, or have questions about their records should contact their academic advisor.

Grade Point Average Calculation

The Registrar calculates a cumulative grade point average for external purposes, such as official transcripts. The Registrar also calculates term and cumulative grade point averages for internal purposes, such as determining eligibility for the Dean's List.

When the Registrar computes a student's Columbia College grade point average, only grades earned while enrolled in Columbia College in the Fall and Spring terms (including Columbia-owned study abroad programs) and in Columbia-owned summer programs (including the Columbia School of Professional Studies Summer Sessions and Columbia-owned summer study abroad programs) are counted. Courses are weighted according to the number of credits.

The following scale is used:

Grade	GPA Equivalent
A+	4.33
A	4.0
A-	3.67
B+	3.33
B	3.0
B-	2.67
C+	2.33
C	2.0
C-	1.67
D	1.0
F	0

The Pass/D/Fail Option

The purposes of the Pass/D/Fail option are to encourage students to take courses of interest to them outside of their field of specialization and to permit those who have not decided upon a major to test their talents in a particular field that may be of interest.

**The Pass/D/Fail option cannot be utilized for courses taken in fulfillment of the Core Curriculum or, for the most part, for courses taken in fulfillment of a major.** Students can use the Pass/D/Fail option for elective coursework and, in a few cases, for the introductory course in a major or minor (see departmental guidelines for details).

Students elect the Pass/D/Fail option for a course through their SSOL accounts, and students can select or deselect the Pass/D/Fail option up until the deadline that occurs on the last day of classes of a Fall or Spring term.

- Instructors assign all students in their class letter grades. Instructors are not informed if a student in their class elects to use the Pass/D/Fail option for the class.
- If a student has elected the Pass/D/Fail option for a class and receives a letter grade of C- or higher in the course, the letter grade will be covered by a mark of P. The mark of P is not included in the calculation of grade point averages.
- If a student has elected the Pass/D/Fail option for a class and receives a letter grade of D or F, the D or F remains on the transcript and is included in the calculation of grade point averages.

In order to encourage students to engage fully in the courses they elect to take for a grade of Pass/D/Fail, students are allowed to uncover a grade of P in SSOL until the end of the Change of Program period of the following semester.

- Students have until the end of the Change of Program period in the Spring semester to uncover the grade of a course taken in the previous Fall term, and until the end of the change of program period in the Fall semester to uncover the grade of a course taken in the previous Spring or Summer term.
- Seniors who graduate in May have until June 1 to uncover the grade of a course taken in their final Spring semester.
- Students who wish to uncover a grade of P can do so during these time periods through their SSOL accounts.

## The Grade of D

As noted above, the grade of D is considered “poor but passing”—i.e., poor understanding of the course material and therefore unsatisfactory progress in the curriculum. Therefore, no more than six points of credit earned with the grade of D may be credited toward the degree in any academic year – the academic year being inclusive of the Fall, Spring, and Summer terms. No more than 12 points of credit earned with the grade of D may be cumulatively credited toward the 124 credits required for the degree credit. These credits will be given only for courses taken at Columbia; transfer credit will not be awarded for courses taken elsewhere with a grade of D.

In general, courses completed with a grade of D will not count toward a major or minor. The decision of whether a course with

a grade of D may be used to satisfy the requirements for a major or minor is made by the director of undergraduate studies of the relevant department or program.

In any given semester, the grade of D precludes the attainment of Dean’s List status (see Academic Honors, Prizes, and Fellowships—Dean’s List).

## The Mark of W (Withdrawal)

Students may **drop** a course from their academic programs by the fifth week of a Fall or Spring term, as long as they remain registered in a minimum of 12 points of coursework. If a student drops a course under these conditions, the course will be removed from the student’s transcript.

After the drop deadline and until the Monday of the last full week of classes of a Fall or Spring term, if a student has a compelling reason to stop taking a course, the student can **withdraw** from the course. If a student withdraws from a course, the course will remain on the student’s transcript with a mark of W, indicating official withdrawal from that course after the drop deadline. This notation is permanent and will remain on the transcript even if the student repeats the course. No points of academic credit are earned for classes with a mark of W.

Students must complete a minimum of 12 points of coursework in a term to be considered in good academic standing. If a student withdraws from a course and then completes fewer than 12 credits, the student may face academic action, such as academic probation, suspension, or dismissal. Students who do not make adequate progress toward the degree – i.e., an average of 15.5 points per term – may also face academic probation, suspension, or dismissal.

It is therefore important for students to consult their advising deans when considering the option of withdrawing from a course. If the option to withdraw still seems to be the best course of action, students should submit a completed Columbia College Acknowledgement of Course Withdrawal form to their advising deans. A withdrawal will be official only after these steps are taken; failure to attend classes does not constitute dropping or withdrawing from a course, nor does a student’s communication to the instructor of intent to withdraw. Students who stop attending classes without dropping or officially withdrawing are assigned the letter grade earned by factoring a zero or F for any missing work.

In any given semester, the mark of W precludes the attainment of Dean’s List status (see Academic Honors, Prizes, and Fellowships—Dean’s List).

## The Mark of AR (Administrative Referral)

The AR is a temporary notation for the transcript when an instructor needs additional time and/or additional consultation in order to determine a student’s final grade for a course. The instructor should then consult the student’s advising dean in the Berick Center for Student Advising, for help in determining

an appropriate final grade. The instructor has ultimate authority over the final grade awarded.

The AR notation is also used while a student applies for an Incomplete. If the Incomplete is approved, the instructor will submit a mark of AR for the student.

## The Mark of IN (Incomplete)

The IN is a temporary notation for the transcript approved by the Committee on Academic Standing for students who, due to serious extenuating circumstances, cannot complete their coursework or are unable to take a final examination by the end of the term. An IN is typically granted only in cases of severe illness (as certified by a healthcare practitioner or by Columbia Health) or extreme personal or family emergencies.

**Students may not arrange unofficial incompletes or extended deadlines simply through consultation with their instructors; any incomplete must be officially approved by the Committee on Academic Standing.**

- Students will be granted an IN only by first speaking with their advising deans and then filing a petition with the Committee on Academic Standing. Petition forms are available in the [Berick Center for Student Advising](#).
- To be granted an IN, students should have completed all work for the relevant class with the exception of the final paper, project or exam. If a student has additional uncompleted work in the class in addition to the final paper, project, or exam, an IN may not be granted.
- For classes that require a final paper or project, petitions must be submitted no later than the last day of classes. For classes that require a final examination, petitions must be submitted no later than the day before the exam.

If an instructor is willing to entertain an incomplete, pending approval by the Committee on Academic Standing, the instructor should submit a temporary grade of AR, along with a contingency grade that represents the grade that the student would earn if the final grade were calculated at the time of grade submissions—i.e., the grade that the student would earn if the missing work were included in the calculation with a zero.

Students who are granted an IN are assigned a deadline for completion of the incomplete paper or project or a date by which a deferred examination must be taken. Those who fail to meet the assigned deadline or who miss the deferred examination will receive the contingency grade indicated by the instructor. All other marks of IN that remain unresolved by the end of one calendar year will be converted to the contingency grade or will be converted to a grade of F.

Students who receive the grade of IN, approved in advance by the Committee on Academic Standing, may be considered for Dean's List only after all IN grades are changed to letter grades (see [Academic Honors, Prizes, and Fellowships—Dean's List](#)).

Questions about incompletes may be directed to the advising deans in the [Berick Center for Student Advising](#).

## The Mark of R (Registration Credit)

The mark of R (Registration Credit) is given when a student, with the approval of the course instructor and the Committee on Academic Standing, regularly attends and participates in a course without the requirement to submit work for evaluation (i.e., auditing a course).

The R credit option is available only to Columbia College seniors under the following conditions:

1. The course(s) will be taken in the last two terms of the student's attendance in Columbia College.
2. The course(s) will not count toward the 124 points of credit required for the Bachelor of Arts degree.
3. The course(s) will not fulfill a requirement of the Core Curriculum or a requirement of a major or a minor or a special program.
4. The student has the permission of the instructor of the course **and** the approval of the Committee on Academic Standing.

There may be additional conditions set by the course instructor, who may wish to require the completion of a certain type or amount of work in order to earn the R credit. The exact nature of any required coursework should be determined by the instructor when the student petitions for an R for the course. An instructor may give a grade of F to a student who has not completed this required work.

The deadline for registering for R credit is the same deadline as the deadline to drop any course that is not part of the shared Core Curriculum – i.e., the drop deadline that falls during the fifth week of classes of a Fall or Spring term. Students should consult the academic calendar in the Bulletin for the exact deadline each term to register for R credit.

Courses taken for R credit do not receive any points of academic credit, and they are not factored in the calculation of a student's GPA.

## The Mark of YC (Year Course)

The YC is a notation given at the end of the first term of a year-long course in which the full year's work must be completed before a qualitative grade can be assigned. The YC notation for the first term must be approved by the Berick Center for Student Advising, so the instructor will submit a notation of AR[YC], which will be converted to a YC upon request by the instructor.

The final grade given at the end of the second term of the year-long course is the grade for the entire course; therefore, when the final grade is assigned at the end of the second term, the instructor should submit a request to change the YC for the first term of the course to the same grade as that given in the second term. In any given semester, the mark of YC precludes the attainment of Dean's List status until the grade for the entire



year's coursework is awarded (see [Academic Honors, Prizes, and Fellowships—Dean's List](#)).

Students may be able to receive credit toward the Columbia College degree, and possibly advanced placement within Columbia programs of study, through college-level work taken before matriculating to Columbia College.

The College grants credit for up to one semester of college-level work (a maximum of 16 points) completed before matriculation at Columbia College, subject to specific conditions and guidelines.

- This credit could be awarded for exams taken during secondary school, such as advanced-level examinations such as College Board Advanced Placement examinations (AP), Higher Level International Baccalaureate examinations (IB), General Certificate of Education Advanced Level examinations (A-Levels), or other national diploma programs.
- This credit could also be awarded for courses taken at other colleges or universities after the completion of secondary school and before matriculation to Columbia.
- Whether the advanced credit is awarded for college-level exams or college coursework or a combination thereof, the maximum amount of credit that will be awarded is 16 points.

Academic credit toward the Bachelor of Arts from Columbia College for this advanced-level work is awarded upon completion of the first year at Columbia and is determined in accordance with College and departmental policies. Students wishing to arrange advanced credit must meet with their advising dean in the [Berick Center for Student Advising](#) and provide the relevant transcript or certification.

Students who wish to receive advanced credit in any academic subject – including advanced placement in, or exemption from, the language requirement – may not take courses at Columbia that cover similar or more basic material than the advanced work already completed. For example, students cannot receive AP credit for a foreign language (which assumes a proficiency at the same level as “Intermediate II” or similar level in a language) and also take a class for credit in that language at the “Intermediate II” level or lower. Also, students may not receive credit for two exams that cover the same material (e.g., Calculus AP and Mathematics GCE Advanced Level Exam).

In some cases, advanced credit is awarded only when students successfully complete a higher-level course in the same field of study.

For information about advanced standing for transfer students, see [Academic Regulations—Regulations for Transfer Students](#).

## COURSEWORK TAKEN AT OTHER COLLEGES OR UNIVERSITIES

Entering first-year students are not granted credit for courses taken at other colleges or universities prior to their graduation from secondary school.

Entering first-year students may receive a maximum of 6 points of academic credit toward the Bachelor of Arts degree from Columbia College for college courses taken after their graduation from secondary school and prior to matriculation at Columbia. In order to receive this credit, students must submit for each relevant course taken elsewhere an official university or college transcript and the syllabus of the course(s) to their advising deans in the [Berick Center for Student Advising](#). Final determination will be made by the dean of advising.

## ADVANCED PLACEMENT (AP) EXAMINATIONS

Students can earn up to a maximum of 16 points of academic credit toward the Bachelor of Arts degree from Columbia College for College Board Advanced Placement (AP) examinations with certain scores.

**Note: Credit earned through AP scores cannot be used toward exemption from any of the shared Core Curriculum courses, the Global Core Requirement, or the Science Requirement.**

**Credit earned through AP scores may be used toward satisfying the Foreign Language Requirement**, according to the rules of the appropriate language department (see [The Core Curriculum—Foreign Language Requirement](#)). Students who wish to receive advanced credit toward, or exemption from, the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work already completed.

Individual academic departments regularly review the Advanced Placement curriculum and determine appropriate placements, credit, and/or exemptions. Students should refer to a department’s pages in this *Bulletin* (linked below) for specific information on possible credits granted, possible advanced placement, and possible course exemptions.

Students entering in the 2024-2025 academic year may be awarded AP credit for the following subjects:

Subject	Department
Biology	Biological Sciences
Chemistry	Chemistry
Computer Science	Computer Science
Economics	Economics
English	English and Comparative Literature
French	French and Romance Philology
German	German Languages



Government and Politics	Political Science
History	History
Italian	Italian
Latin	Classics
Mathematics	Mathematics
Physics	Physics
Psychology	Psychology
Spanish	Latin American and Iberian Cultures
Statistics	Statistics

For further information about the application of AP credits, students should consult with their advising dean in the [Berick Center for Student Advising](#).

INTERNATIONAL BACCALAUREATE

Students can earn up to a maximum of 16 points of academic credit toward the Bachelor of Arts degree from Columbia College for Higher Level International Baccalaureate (IB) examinations with scores of 6 or 7, if the academic discipline of the examination is represented in the academic offerings of Columbia College.

**Credit earned through IB scores cannot be used toward exemption from any of the shared Core Curriculum courses, the Global Core Requirement, or the Science Requirement.**

**Credit earned through IB scores may be used toward satisfying the Foreign Language Requirement**, according to the rules of the appropriate language department (see [The Core Curriculum—Foreign Language Requirement](#)). Students who wish to receive advanced credit or exemption for the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work already completed.

For further information about the application of IB credits, students should consult with their advising dean in the [Berick Center for Student Advising](#).

BRITISH ADVANCED LEVEL EXAMINATIONS

Students can earn up to a maximum of 16 points of academic credit (6 credits each) toward the Bachelor of Arts degree from Columbia College for GCE British Advanced Level (A-Levels) examinations with a grade of A or B , if the academic discipline of the examination is represented in the academic offerings of Columbia College.

**Credit earned through A-Levels scores cannot be used toward exemption from any of the shared Core Curriculum courses, the Global Core Requirement, or the Science Requirement.**

**Credit earned through A-Levels scores may be used toward satisfying the Foreign Language Requirement**, according

to the rules of the appropriate language department (see [The Core Curriculum—Foreign Language Requirement](#)). Students who wish to receive advanced credit or exemption for the language requirement may not take courses at Columbia that cover similar or more basic material than the advanced work already completed.

For further information on the application of A-Levels credits, students should consult with their advising dean in the [Berick Center for Student Advising](#).

OTHER NATIONAL SYSTEMS

Students can earn up to a maximum of 16 points of academic credit toward the Bachelor of Arts degree from Columbia College for diplomas earned in certain national systems of college-level curriculum as part of a high school curriculum.

For further information, students should consult with their advising deans in the [Berick Center for Student Advising](#).

ADVANCED PLACEMENT IN LANGUAGE STUDY

Students who wish to begin foreign language studies at a level above “Elementary I” (or its equivalent) may be placed into a more advanced level based on placement exams taken at Columbia or based on certain test scores on standardized tests.

Most language programs at Columbia will offer placement exams for new students during the New Student Orientation Program (NSOP). Exact times and dates of exams will be provided to students shortly before NSOP begins. Returning students who wish to take a placement exam but who are not participating in NSOP should contact the relevant Columbia language program before the beginning of each term to inquire about opportunities to take a placement exam. Based on the assessment of the placement exam, students may be placed into a more advanced level of language study or may be exempted from the Language requirement of the Core Curriculum.

It may also be possible for incoming first-year students to be placed into upper levels of language study on the basis of scores on the following tests:

- SAT II: Subject Tests
- Advanced Placement (AP) examinations
- Higher Level International Baccalaureate (IB) examinations
- Certain diplomas issued by national systems for college-level curriculum

Individual departments regularly review the Advanced Placement curriculum and determine appropriate placements, credit, and/or exemptions; students should refer to a department’s pages in this *Bulletin* for specific information

on possible credits granted, advanced placement, and course exemptions.

In some cases, advanced credit/placement is awarded only when students successfully complete a higher-level course in the same foreign language.

Students with scores on these exams should consult their advising dean in the Berick Center for Student Advising and should ensure that the scores have been sent through official channels to Columbia College.

## COURSES TAKEN IN OTHER COLUMBIA UNDERGRADUATE SCHOOLS

Columbia College students may take any course for credit listed in this *Bulletin*, in the General Studies *Bulletin*, or in the Barnard College *Course Catalogue* without any special approval for enrollment, unless special approval by an individual instructor or department is required and noted in the course description.

Columbia College students may take **a maximum of four courses for credit toward the Bachelor of Arts degree from Columbia College that are offered by the Fu Foundation School of Engineering and Applied Science (SEAS)**, and only if space is available in those courses.

- This four-course limit does not apply to courses offered by the Computer Science Department, which offers a major and a minor for Columbia College students.
- This four-course limit does not apply to students who are pursuing the 3-2 Combined Plan program with SEAS.

## COURSES TAKEN IN THE GRADUATE SCHOOL OF ARTS AND SCIENCES

Columbia College students may take courses offered by the Graduate School of Arts and Sciences if the instructors of the courses give explicit permission, in order to ensure the students' preparation for the course. Students will typically be required to have previous coursework in the field or topic of the course(s).

If students enrolled in graduate-level courses wish to use the courses to fulfill requirements for a major or minor, the relevant director of undergraduate studies must give explicit approval for those courses to fulfill requirements in the major or minor.

## COURSES TAKEN IN OTHER SCHOOLS OF COLUMBIA UNIVERSITY

Columbia College students may take **a maximum of four courses for credit toward the Columbia College Bachelor of Arts degree in the professional schools at Columbia University listed below**, with the requisite permissions. These

courses will count as elective credit toward the 124 points necessary for the B.A. degree.

Columbia College students may also take courses in the professional schools at Columbia University listed below for credit that goes beyond the 124 points necessary for the B.A. degree, if they receive permission to do so from their advising deans from the Berick Center for Student Advising.

Columbia College students enrolled in courses in these professional schools must follow the policies established by those schools; they must have the permission of the instructor of the course to enroll; and, in some instances, they must have the permission of the school in which the course is offered to enroll officially in the course.

Following is a list of schools and programs that allow undergraduates to register for courses, with their policies regarding the enrollment of Columbia College students. Students who wish to take a course in a Columbia school not listed below should consult with their advising deans in the Berick Center for Student Advising.

### Columbia University Graduate School of Architecture, Planning and Preservation

Qualified Columbia College students may enroll in graduate seminars and lectures offered by the Graduate School of Architecture, Planning and Preservation (GSAPP), if the instructors approve and if space is available. Columbia College students are not permitted to enroll in any studio courses in GSAPP. Further details can be found on this website: <https://www.arch.columbia.edu/cross-registration>.

### Columbia University School of the Arts

Qualified Columbia College students may enroll in graduate courses offered by the School of the Arts if the instructors approve and if space in the courses is available.

### Columbia Business School

The Business School offers courses that are designed specifically for undergraduates, which are listed in the section of this *Bulletin* titled *Departments, Programs, and Courses*—Business. These courses do not count towards the limit of four professional school courses that can be taken for credit towards the Columbia College degree.

Columbia College seniors may be able to take other courses offered by the Business School if instructors approve, if space is available, and if the students have completed the required prerequisites. For these courses, students must follow the cross-registration guidelines of the Business School. Note that registration deadlines for these classes are often earlier than the College registration and Change of Program deadlines.

## Columbia University School of International and Public Affairs

The School of International and Public Affairs (SIPA) offers open enrollment courses to all Columbia students if space is available. Students interested in registering for a SIPA Open Enrollment Course at the 6000-level or above must receive instructor permission and then should complete and submit, along with documentation indicating instructor permission, a SIPA registration request form to the SIPA Registration office on the 6th floor of the International Affairs Building. If the class is not full, approval may be granted.

## Columbia University School of Journalism

Columbia College students may enroll in certain courses offered by the School of Journalism if the instructors approve and if space is available.

Students can see cross-listed courses and access the necessary permission form on the cross-registration page of the School of Journalism's website: [journalism.columbia.edu/cross-registration](http://journalism.columbia.edu/cross-registration).

## Columbia Law School

In general, Columbia College students are not permitted to enroll in courses offered through the Law School. Exceptions to this policy may be granted under the following circumstances:

1. Law School courses may be taken by students in the Accelerated Interdisciplinary Legal Education (AILE) program. Students must have signed permission from the Law School Office of the Assistant Dean of Academic Services, 500 William and June Warren Hall.
2. Faculty in the Law School sometimes open a small number of spaces in their seminars to Columbia College seniors, to be selected through an application process. Such opportunities will be shared with students if they become available.

## Columbia University School of Professional Studies

**Columbia College students are not permitted to enroll during the academic year—i.e., Fall and Spring terms—in courses offered through the School of Professional Studies**, unless those courses have been individually approved by the Committee on Instruction for specific degree programs (e.g., the major in Sustainable Development, in which case the specific courses are noted on the program's website).

The School of Professional Studies (SPS) is responsible for the Summer Session at Columbia University; therefore, **Columbia College students are permitted to enroll in undergraduate classes offered in the Summer Session by the School of Professional Studies**. For information on taking courses at Columbia during the summer, please see the Summer Study section in this Bulletin below. Note that not all courses offered

by SPS in the Summer Session will be open to undergraduates, and not all courses will count towards the 124 credits required for the Bachelor of Arts degree from Columbia College. Students interested in summer courses offered by the SPS should consult with their advising deans in the Berick Center for Student Advising before completing their enrollment.

## Columbia Mailman School of Public Health

The Mailman School of Public Health offers courses designed for undergraduates through the Special Concentration in Public Health, which are listed in the section of this *Bulletin* titled Departments, Programs, and Courses—Public Health. These courses do not count towards the limit of four professional school courses that can be taken for credit towards the Columbia College degree.

Qualified Columbia College students may enroll in other courses offered by the Mailman School of Public Health – if instructors approve, if space is available, and if the relevant department at Mailman gives permission. Students must complete the Public Health Cross Registration Application Form and receive signed permission from the department, as well as from the School of Public Health's Office of Student Affairs, 722 West 168 Street, Suite 1014. Once School of Public Health permissions are secured, students must also receive signed permission from the Berick Center for Student Advising, before proceeding to register for the course at the Registrar's Office.

## Columbia University School of Social Work

Columbia College students may enroll in courses offered by the School of Social Work if instructors approve and if space is available.

## Teachers College, Columbia University

In general, Columbia College students may not enroll in courses offered by Teachers College. Exceptions to this policy may be granted under the following circumstances:

1. In rare instances, a student's faculty adviser may deem a course offered by Teachers College as essential to the student's undergraduate major. Students with such permission from their faculty adviser should submit a petition to Academic Affairs, 202 Hamilton.
2. In certain instances, instrumental music instruction in a particular instrument may be available at Teachers College and not through the Music Department. If students are accepted into the music instruction program at Teachers College, they will be charged per credit for the course over and above their tuition as full-time Columbia College students. Students should submit a petition to Andrew Plaa, dean of Advising in the Berick Center for Student Advising.

## SUMMER STUDY

### Columbia Summer

Normally, students may earn credit toward the Bachelor of Arts degree from Columbia College through summer coursework only for courses taken in the [Columbia Summer](#).

Columbia College students may enroll in a maximum of 8 points of credit in any Columbia Summer session (or in overlapping sessions), and may earn a maximum of 16 credits in any Columbia Summer session.

**Not all courses offered in the Summer Session are accepted by Columbia College for credit.** Students should consult their advising dean in the [Berick Center for Student Advising](#) for advice on which courses can be taken for credit, and students should also consult the annually updated [List of Approved Summer Courses](#).

The Columbia University School of Professional Studies (SPS) is responsible for Columbia Summer, so students who take courses in the Summer Session do so by enrolling directly in SPS. Therefore, Columbia College students enrolled in Summer Session courses offered by SPS are, during the course of their enrollment in those summer courses, subject to the policies and procedures of SPS, which may differ from the policies and procedures that govern their undergraduate coursework in the College in the Fall and Spring semesters. Columbia College students interested in summer coursework should consult their advising dean in the [Berick Center for Student Advising](#) for information on the different policies and procedures governing Columbia Summer.

Columbia College students enrolled in coursework in [Columbia Summer](#) may utilize the Pass/D/Fail option only under the following circumstances:

- Columbia College students may utilize the Pass/D/Fail option a maximum of twice during a year that spans Fall, Spring, and Summer. Students have the opportunity to use the Pass/D/Fail option one time during the Fall semester and one time during the Spring semester.
- Students who have not utilized one or both of these Pass/D/Fail option(s) in the previous academic year may elect, in the summer immediately following, to take one course in a Summer session on a Pass/D/Fail basis.
- For additional information on and restrictions governing Pass/D/Fail credit, see the [Academic Regulations—Exams and Grades](#) section of this *Bulletin*.

Students who wish for summer coursework to count toward their major or minor must receive permission from the director of undergraduate studies of their major department.

### Summer Study Outside Columbia University

In general, Columbia College students may not take courses toward the Bachelor of Arts degree from Columbia College during the summer at another college or university outside Columbia University, except in the case of approved study abroad programs.

In some circumstances, permission may be granted to students to take courses in the summer toward the Bachelor of Arts degree from Columbia College during the summer at another college or university. Those circumstances include the following:

- A student has fallen behind in credits and wishes to catch up on coursework in order to make adequate progress toward the degree in the expected eight Fall and Spring semesters.
- A student wishes to take a course that is a prerequisite for a course that should be taken in the following fall for the student's major or minor.
- A student wishes to take a language course toward the Foreign Language requirement. Students should note that introductory and intermediate language courses are only approved pending the successful completion of the departmental placement test into the next higher level language course. Students are responsible for arranging departmental testing upon return to campus in the Fall. If students do not place into the next level of the language course, credit will not be granted. Students who elect to discontinue study of the language or do not take the relevant departmental placement test will not be granted credit for the summer courses taken.

Students who wish to take summer coursework in one of the above categories should discuss their study plans with their advising dean in the [Berick Center for Student Advising](#). Students should then go through the following steps for approval for summer coursework taken elsewhere:

1. Obtain a copy of Columbia College's Pre-Approval for a Course Taken at Another U.S. Institution form, available in the [Berick Center for Student Advising](#).
2. Carefully read the following procedures to apply for such credit.
3. Complete the approval request form, outlining their reasons for taking summer courses and listing the specific courses in which they wish to enroll.
4. Submit the completed approval request form to the advising dean.

Once submitted to students' advising deans in the [Berick Center for Student Advising](#), the Committee on Academic Standing reviews requests for approval. Students should secure pre-approval prior to enrolling in courses at other institutions, to



avoid the loss of time and expense of enrolling in a course that is ultimately not approved.

Students may not receive credits for study abroad during the summer except in Columbia-sponsored programs or approved foreign-language, archaeology, and field-studies programs. Students seeking summer study abroad credits must receive permission from the [Center for Undergraduate Global Engagement](#), 606 Kent.

Approval to receive College credit for summer school courses does not ensure approval of the course to fulfill a Core Curriculum requirement or a major or minor requirement.

- Students who wish for summer coursework to count toward their major or minor must receive permission from the director of undergraduate studies of their major department, prior to taking the course.
- Students applying for summer school credit for courses that they wish to use in partial fulfillment of the science or Global Core requirements must submit the relevant course approval petition to their advising dean in the [Berick Center for Student Advising](#) for approval by the appropriate faculty committee, prior to taking the course.
- For the Global Core requirement, only non-Columbia study abroad courses taken in the Summer can be considered by petition. Courses taken on Columbia's campus must be pre-approved by the Committee on the Global Core in order to fulfill part of the Global Core requirement.

## STUDY OUTSIDE COLUMBIA UNIVERSITY IN THE ACADEMIC YEAR

In general, Columbia College students may not take courses for credit toward the Bachelor of Arts degree from Columbia College at another college or university during the academic year (i.e., Fall or Spring). Permission to study at another school for a term or a year is granted only for study at institutions outside of the United States, as part of an [approved study abroad program](#), or for study through one of the established [domestic study-away programs](#). Exceptions may be granted for study during the summer. See the [Summer Study](#) section for more information.

Students may not be simultaneously enrolled at Columbia College and at another institution of higher education. Students who are enrolled at Columbia College yet matriculate into another institution of higher education and/or are considered a degree-seeking student at another college or university will be withdrawn from Columbia with no opportunity to return and complete the Columbia College degree.

## LEAVES OF ABSENCE AND WITHDRAWALS FROM COLUMBIA COLLEGE

Students can request a leave of absence prior to the start of a term or during the term. When a student takes a leave of absence during a term, this action is also considered a withdrawal, defined as the dropping of one's entire academic program in a given term after the first day of classes of the term and, as a result, withdrawing from Columbia College.

**Withdrawing from Columbia College after the start of the semester can have implications for financial aid, and students are strongly advised to talk with their advising deans and with the Office of Financial Aid about any financial consequences of a necessary withdrawal.**

**Any student withdrawing from Columbia College must notify the [Berick Center for Student Advising](#) in writing; it is not sufficient for a withdrawal to notify instructors of plans to withdraw or to stop attending classes.** Absence from classes without officially withdrawing from Columbia College can result in failing grades in all courses.

## VOLUNTARY MEDICAL LEAVE OF ABSENCE

A medical leave is granted to a student whose health condition interferes with successful full-time study. A leave can be granted for a minimum of one term and a maximum of two years. Unless a student is granted an exception due to extenuating circumstances, a student will be permanently withdrawn after the maximum time period of two years.

Students must consult with their advising deans in the [Berick Center for Student Advising](#) to initiate a leave, and then provide medical documentation to support the request. Medical leaves must be accompanied by an individualized assessment of students' individual healthcare needs.

While on leave, students must be actively engaged in a course of medical treatment that leads to recovery. In addition, students are required to continue to access their Columbia email, which is the official means of communication by the University.

**When applying for readmission to Columbia College, students must provide medical documentation supporting their readmission.** Normally, students may only return in the Fall or Spring term. Only in rare circumstances will students be readmitted from medical leave to enroll in courses for the Columbia Summer Session.

All questions about medical leaves should be addressed to the students' advising deans in the [Berick Center for Student Advising](#).



## Academic Standing and Transcript Notations

Students who take a leave while in good academic standing will return in good academic standing; students who take a leave while on academic action will return on academic action.

When a leave begins when a term is already in session, the student's transcript will reflect the action of withdrawal and the date of withdrawal for the semester in question. If the date of withdrawal for a medical leave is on or before the Columbia College withdrawal deadline (November 14 for Fall 2024 and March 27 for Spring 2025), the student's transcript will not reflect the individual courses attempted during the term. If the date of withdrawal for a leave begins after the Columbia College withdrawal deadline, individual courses will remain on the transcript.

Ordinarily, Columbia College students who are authorized to withdraw for medical reasons after the withdrawal deadline will receive a mark of W for each of their courses for the term. These notations indicate an authorized withdrawal from the courses.

In rare cases, when a student must leave for medical reasons beyond the relevant deadline, a student and advising dean in the [Berick Center for Student Advising](#) can work together with the faculty to determine whether an Incomplete would be a more appropriate notation on the transcript.

- In order to be eligible for an Incomplete, the student must have completed all work for the course except the final paper, exam, or project. The student must also obtain the approval of the relevant advising dean(s) in the [Berick Center for Student Advising](#) as well as the appropriate faculty member(s). Students should consult with their advising deans in the [Berick Center for Student Advising](#) for more details.
- Students who have been approved for authorized Incompletes in the last semester before their medical leave must complete the work of each course upon their return to campus by the end of the Change of Program period of their first semester after being readmitted. If the work is not completed by the end of the Change of Program period of the term in which the student returns, the grade may convert to the contingency grade or to an F. Due dates for incomplete work should be determined in consultation with the advising dean in the [Berick Center for Student Advising](#) upon notification of readmission.

When students begin a leave after the Columbia College withdrawal deadline, they should be aware of the overall number of credits that must be completed to remain in good academic standing in future semesters. Students should keep in mind that Columbia College students should complete an average of 15.5 points per term to remain in good academic standing. Students should consult with their advising deans in the [Berick Center for Student Advising](#) to learn whether or not they will fall below the low points threshold (see section on Academic Standing) established for Columbia College students and, if so, work with

their advising deans and departments to create a reasonable academic plan to ensure the timely completion of their degree.

**Students are not permitted to earn transferable credits toward the degree while on medical leave from the University, as the purpose of the leave is to regain full health in order to return and resume full-time study.** In some cases, healthcare practitioners may recommend that students take courses at home institutions as part of the recovery process. It is recommended that students follow the advice of their healthcare practitioners; however, they should make their decisions knowing that coursework taken elsewhere while on medical leave may not be transferred back to Columbia to count towards their degree.

**If a student matriculates at another institution in a degree program while on leave from Columbia, the student will be considered to have transferred to another institution and will be permanently withdrawn from Columbia College.**

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## READMISSION FROM MEDICAL LEAVE OF ABSENCE

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

- **Fall term readmission – June 1**
- **Spring term readmission – November 1**
- **Summer term readmission – not permitted**

In order to begin the readmission process, students must first discuss their plans with their advising deans in the [Berick Center for Student Advising](#) and then submit the following letters to their advising deans by email or fax:

1. **Request for readmission:** This letter should review the circumstances that led to the leave, describe in detail any activities pursued while away, explain why studies can now be successfully resumed, and outline a plan for continued support. The letter should also indicate whether or not campus housing will be required.
2. **Letter from medical practitioner supporting readmission:** This letter should describe the treatment prescribed for the student and progress made by the student, provide an evaluation of the student's readiness to return to full-time study at Columbia, and outline the recommended continued care plan upon readmission.

The Medical Leave Readmission Committee is composed of representatives of Columbia Health, the Berick Center for Student Advising, and other key offices of the College and the University. It meets in June and November to consider readmission requests for the Fall and Spring terms, respectively. Committee review is not guaranteed if documentation is submitted after the stated deadlines. Students will receive

notification regarding one of the following three outcomes of the committee's assessment of readmission requests:

1. Applicants are approved for an interview by a Columbia Health practitioner. Pending the results of the interview, a student may be officially readmitted or denied readmission and will be notified of a decision by the Berick Center for Student Advising by letter and email. In some cases, the medical professionals on the readmission committee may decide an interview is not necessary before readmitting the student.
2. Additional information is requested.
3. Readmission is denied. Students may reapply the following semester for readmission. The decisions made by the Medical Leave Readmission Committee are final and cannot be appealed.

Once officially readmitted, students will be provided an online registration appointment in order to enroll for the coming term. Normally, students will be able to register in late August for the Fall and in mid-January for the Spring term. In addition, students who are guaranteed housing upon readmission may submit a housing application by following the instructions in their readmission letter. Students on leave cannot participate in housing lotteries before being formally readmitted.

Students must address all financial or other obligations to the University that may still be outstanding from the beginning of their leave. If holds have been placed on their account, these holds must be cleared before they can enroll in classes or move into housing. If, after being readmitted for the following semester, a student cannot register by the end of the Change of Program period of that semester, then the student will be placed on another leave of absence.

Students are urged to meet with their advising deans in the [Berick Center for Student Advising](#) and, if they live in campus housing, a Residential Life staff member, during the first two weeks of their return to campus, to ensure a smooth transition back to the campus community.

## VOLUNTARY PERSONAL LEAVE OF ABSENCE (NONMEDICAL)

A voluntary leave of absence may be granted by the Committee on Academic Standing to undergraduate students who request a temporary withdrawal from Columbia College for a nonmedical reason during the semester. Students do not need to petition the Committee on Academic Standing if they request a voluntary leave of absence prior to the start of the semester. Students considering a voluntary leave must discuss this option in advance with their advising deans in the [Berick Center for Student Advising](#).

Voluntary leaves are granted for a period of one to four semesters. Students should be in good academic standing at the time of the leave, and should be able to complete their degree in a total of eight semesters.

When a leave begins after a term is in session, the student's transcript will reflect the action of withdrawal and the date of withdrawal. If the date of withdrawal for a personal leave is on or before the Columbia College withdrawal deadline (November 14 for Fall 2024 and March 27 for Spring 2025), the student's transcript will not reflect the individual courses attempted during the term.

Normally, if a voluntary leave of absence begins after the Columbia College withdrawal deadline, the student's transcript will include all courses attempted, with each course receiving a mark of W (indicating authorized withdrawal). In certain circumstances, a student may qualify for an Incomplete for a course, and the remaining work for the course would have to be completed by the end of the Change of Program period of the semester in which the student returns to Columbia. If the Incomplete is not completed by that time, the contingency grade or a W will be inserted as the final grade.

Students may not take courses for transferable credit while on leave. If a student matriculates at another institution in a degree program while on leave from Columbia, the student will be considered to have transferred to another institution and will be permanently withdrawn from Columbia College. Students who choose to take voluntary leaves are not guaranteed housing upon return to the University. International students should contact the [International Students and Scholars Office](#) to ensure that a leave will not jeopardize their ability to return to Columbia College.

To return to Columbia College, students must notify the [Berick Center for Student Advising](#) by June 1 for the Fall term or November 1 for the Spring term. Students must request readmission in writing and submit a statement describing their readiness to return.

## FAMILY EMERGENCY LEAVE OF ABSENCE

Columbia College students who must leave the university for urgent family reasons that necessitate a semester-long absence (e.g., family death or serious illness in the family) may request an emergency family leave of absence. Documentation of the serious nature of the emergency must be provided. Students must request an emergency family leave of absence from their advising deans in the [Berick Center for Student Advising](#).

When an emergency family leave begins after a term is in session, the student's transcript will reflect the action of withdrawal and the date of withdrawal. If the date of withdrawal for an emergency family leave of absence is on or before the Columbia College withdrawal deadline (November 14 for Fall 2024 and March 27 for Spring 2025), the student's transcript will not reflect the individual courses attempted during the term. Normally, if an emergency family leave begins after the Columbia College withdrawal deadline, the student's transcript will include all courses attempted, with each course receiving a mark of W (indicating authorized withdrawal). In certain circumstances, a student may qualify for an Incomplete for a

course, and the remaining work for the course would have to be completed by the end of the Change of Program period of the semester in which the student returns to Columbia. If the Incomplete is not completed by that time, the contingency grade or a W will be inserted as the final grade.

To return to Columbia College, students must notify the Berick Center of Student Advising by June 1 for the Fall term or November 1 for the Spring term. Students must request readmission in writing and submit a statement describing their readiness to return. Once readmission is granted, housing will be guaranteed.

## FAILURE TO GRADUATE

**Students who fail to graduate by their final semester have, in effect, been withdrawn from the College and therefore must apply for readmission within a two-year period in order to have an opportunity to complete the degree.** If they do not complete their degree within two years, then they may be permanently withdrawn.

To apply for readmission, students must have successfully completed no fewer than 90 points of academic credit and earned a GPA of no less than 2.0. Students must fulfill the degree and major requirements in place at the point of original matriculation.

Readmission will be predicated upon the assessment of the student's ability to successfully complete the degree within one calendar year. Inquiries regarding readmission should be directed to the Berick Center for Student Advising.

## READMISSION

In general, students seeking readmission to Columbia College must submit evidence that they have achieved the purposes for which they left. Consequently, specific readmission procedures are determined by the reasons for the withdrawal. Policy statements outlining the readmission procedures for voluntary or medical leaves of absences are available in the Berick Center for Student Advising. Students should consult their advising deans for further information.

Students applying for readmission should complete all parts of the appropriate readmission procedures by June 1 for the Fall term or November 1 for the Spring term. Once an international student with F-1 or J-1 status is readmitted, the student should contact the International Students and Scholars Office to obtain a new visa certificate (form I-20 or form DS-2019).

**Students may not take courses for transferable credit while on leave. If a student matriculates at another institution in a degree program while on leave from Columbia, the student will be considered to have transferred to another institution and will be permanently withdrawn from Columbia College.**

## THE COMMITTEE ON INSTRUCTION

The undergraduate curriculum for Columbia College, and all attendant policies, are managed by the Committee on Instruction, which is co-chaired by the Dean of Columbia College and the Dean of the School of General Studies and which has twelve faculty members representing the three academic divisions (humanities, social sciences, and natural sciences), as well as faculty representatives from Barnard College, the Fu Foundation School of Engineering and Applied Science, and the School of the Arts.

This *Bulletin* reflects in its annual publication the curriculum and policy recommendations approved by the Committee on Instruction.

## THE COMMITTEE ON ACADEMIC STANDING

The policy and regulations approved by the faculty Committee on Instruction are implemented and administered for Columbia College students by the Committee on Academic Standing, composed of advising deans, an associate dean of advising, and the dean of advising of the Berick Center for Student Advising. The Committee on Academic Standing is expected to uphold the recommendations and policies established by the Committee on Instruction, the University Senate, or the faculty as a whole.

## DEGREE REQUIREMENTS

Columbia College policy requires students to fulfill the general degree requirements (i.e., all Core Curriculum coursework and any general elective credit) that are stated in the *Bulletin* of the first year of their matriculation at Columbia College, and to fulfill the major requirements that are stated in the *Bulletin* at the time that students declare their major (typically in the second year of study).

## MODIFICATION OF REQUIREMENTS

The requirements for the degree may be modified or waived in individual and rare cases only with the approval of the dean of Academic Affairs of Columbia College, acting on behalf of the faculty Committee on Instruction of Columbia College. Students wishing to petition for a modification of degree requirements should discuss their requests with their advising deans in the Berick Center for Student Advising.

# REGISTRATION

Student Service Center, 212-854-4400, [ssc@columbia.edu](mailto:ssc@columbia.edu)

## REGISTRATION AND ENROLLMENT POLICIES PUBLISHED BY THE OFFICE OF THE REGISTRAR

**"Registration"** is the systematic process by which eligible students reserve a seat for themselves in current or future classes. Students use the Vergil/SSOL system to register for courses at Columbia. Students receive informational emails from the Registrar's Office each semester that detail the procedures for registration for the term.

**"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 offering the course. Students may also be required to attend the first few class sessions prior to official registration or to confirm official registration. Please check the course information in the [Departments, Programs, and Courses](#) section of this *Bulletin* and the course information noted in the Directory of Classes for any approvals required to register for a particular course.

To comply with current and anticipated Internal Revenue Service mandates, the University requires all students who have a Social Security Number (SSN) at the time of admission to report it. The University recognizes that international students are not eligible to apply for a SSN unless they are employed and that not all students will be eligible to obtain a SSN during their program of study. **Newly admitted students who do not have Social Security numbers should obtain one well in advance of first registration.** International students who will be employed on-campus should follow the ISSO instructions for applying for a SSN soon after their arrival in the United States. International students should consult with the [International Students and Scholars Office](#) 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 or enrolled in any school/college of the University shall at the same time be registered or enrolled in any other school/college, either of the University or of any other institution, unless there is an existing registration agreement between the two schools. Students who wish to

register or enroll in another institution must receive specific authorization from the dean/director of the school/college in which the student is first registered.

The privileges of the University are not available to any student until they have completed registration. A student who is not officially registered for a University course may not attend the course, with the possible exception of a course in which students are required to attend the first few class sessions prior to official registration. No student may register after the stated period unless he or she obtains the consent, written or electronic, 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 who are permitted to enroll after the beginning of the term are responsible for any absences incurred due to the late enrollment.

## COLLEGE REGISTRATION POLICIES AND PROCEDURES

Registration instructions are emailed to all students by the Office of the Registrar in advance of each registration period. Students are expected to register for courses during the time periods explicitly identified by the Office of the Registrar.

All Columbia College students must be registered for a minimum of 12 points of credit in any given semester. Each Columbia College student must be registered for at least 12 points of credit by the close of the Change of Program period (i.e., the end of the second week of classes in the Fall or Spring term).

Students who are registered for fewer than 12 points by this time will be withdrawn from the College. An exception to this rule can be a graduating senior who needs fewer than 12 points of credit to complete the Bachelor of Arts degree from the College; a student in this situation may petition the [Committee on Academic Standing](#) for permission to register for fewer than 12 points of credit, with the understanding that they will be viewed as full-time students who are responsible for paying full-time tuition and for all other rules that apply to full-time students in the College.

Some classes may be blocked for online registration and require written approval; students should check [Vergil](#) or the Directory of Classes for approval information. Courses blocked from online registration require additional approval, either in SSOL or through an academic adviser. A completed Registration Adjustment Form, with all necessary approvals confirmed, may be required. A student cannot use the Registration Adjustment Form to register for a course if the course is not blocked from online registration or if the student is eligible to join the course Wait List. Students should speak with their academic advisers to learn more information about this process.

A student's ability to register for courses may be put on hold by various offices within the University. Students can check for



holds in their [Vergil/SSOL](#) accounts. Note: Only the office that places the hold has the ability to remove it.

Students are responsible for ensuring that their academic programs are in accordance with the College and University policies noted here. The Committee on Academic Standing in the [Berick Center for Student Advising](#) is tasked with upholding the academic policies of the College and will make changes to students' registration if the students fail to ensure that their academic programs comply with these policies set by the faculty. Questions about registration should be directed to the [Berick Center for Student Advising](#).

## EARLY REGISTRATION PERIODS

Current students first have the opportunity to register for classes during the early registration period in the preceding semester: early registration for Fall classes occurs during one week in the previous April, and early registration for Spring classes occurs during one week in the previous November.

After that early registration period, there are [certain weeks](#) before the beginning of the term designated for registration changes, during which students can continue to add and drop classes for the upcoming semester. A complete list of registration periods can be found on [the Registrar's website](#).

## CHANGE-OF-PROGRAM PERIOD

The first two weeks of a Fall term or a Spring term are known as the "[change of program](#)" period, when students can continue to add and drop classes in order to finalize their academic programs for the term.

The deadline for adding a course in a Fall or Spring semester will always be the second Friday of the term (i.e., the end of the second week of classes).

## STUDENT REGISTRATION APPOINTMENT TIMES

During registration weeks, students are assigned registration "[appointment times](#)" – i.e. windows of time on weekdays when students can perform registration activities through Vergil/SSOL.

Students' individual registration times are listed in Vergil/Student Services Online (SSOL) and registration dates are noted on the Academic Calendar in this *Bulletin*. Students should also consult the [Registrar's website](#) for additional information.

During early registration, these appointment times are assigned based on seniority, with the current seniors (in Fall) or rising seniors (in Spring) given appointment times on Monday; the current juniors (in Fall) or rising juniors (in Spring) added on Tuesday; the current sophomores (in Fall) or rising sophomores (in Spring) added on Wednesday; and current first-year students (in Fall) added on Thursday. Within that structure, most students' appointment times are randomly assigned.

## SSOL COURSE WAITLISTS

Most courses have [electronic waitlists](#) attached to them in [SSOL](#) – although there are some courses (for instance, courses in the Core Curriculum) that will not have electronic waitlists. If a course is full and has an attached electronic waitlist, students may choose to add themselves to the waitlist within [SSOL](#). Waitlist activity will continue until the Thursday evening prior to the last day of the Change of Program Period at 9:30pm EST.

Electronic waitlists may be automated or self-managed:

- If a course's electronic waitlist is automated, when a space opens on the course roster during a registration period, the student at the top of the waitlist will automatically be added to the course roster. The student will receive notification that registration for the course has been successful, and the update to the course roster and electronic waitlist will occur overnight and be reflected on SSOL the following day.
- If a course's electronic waitlist is self-managed, the instructor or the relevant department/program will select the students from the waitlist who can register for the course. The criteria for selection will vary from course to course: there may be priority for declared majors, graduating seniors, first-year students, students who have submitted successful applications, etc. If additional materials must be submitted for consideration for selection, students will typically receive an automated email with details when they add themselves to the self-managed electronic waitlist.

## REGISTRATION LIMITS AND PETITION PROCESSES

Students are allowed to register for a maximum of 18 points of credit in any Fall or Spring term. If a student's academic program contains more than 18 credits after the student is admitted into one or more class(es) from waitlists, the student must adjust the academic program to bring their registration into alignment with the 18-credit semester cap by dropping one or more course(s) by the end of the Change of Program period.

If a student has a compelling reason to register for more than 18 credits in a term, the student can petition the [Committee on Points and Programs](#) for permission to exceed the credit limit. Students are not allowed to exceed the 18-credit limit in their first semester as matriculated students, whether they are entering first-year students or entering transfer students.

Students may not register for courses whose meeting times overlap. If a student's academic program contains classes whose meeting times overlap after the student is admitted into one or more class(es) from waitlists, the student must adjust the academic program to bring their registration into alignment with this regulation by dropping one of the overlapping courses by the end of the Change of Program period.



## DROPPING A COURSE

Students may drop a course from their academic program through the deadline noted during the fifth week of classes. Until this deadline, students can drop a course themselves online via Student Services Online (SSOL), although they are encouraged to talk with their advising dean about their choice to drop in order to consider all of their options.

If a course is successfully dropped before this deadline, the course will be removed from the student's program and transcript.

**Note: The five shared Core Curriculum courses – Art Humanities, Contemporary Civilization, Frontiers of Science, Literature Humanities, and have their own particular drop deadline, which coincides with the end of the Change of Program Period at the end of the first two weeks of classes. See “Dropping or Withdrawing from Core Curriculum Courses” below.**

When considering the option to drop from a course, students should be aware that, in order to remain in good academic standing, they must successfully complete no fewer than 12 points in a given semester. Students who do not earn at least 12 points per term will be placed on academic probation, or be suspended or dismissed. Students who do not make adequate progress to the degree (an average of 15.5 points per term) will also face academic probation, suspension, or dismissal.

Neither failure to attend classes nor a student's personal communication to an instructor of intent to drop will constitute dropping from a course. Students who stop attending classes without dropping or officially withdrawing are assigned the letter grade earned by factoring a zero or F for any missing work.

## WITHDRAWING FROM A COURSE

After the drop deadline has passed, students may remove themselves from a course by withdrawing from the course. The deadline to withdraw from a course is the Monday of the last full week of a Fall or Spring term. If a student successfully withdraws from a course after the drop deadline and before the withdrawal deadline, the course will remain on the student's program and transcript with a notation of “W”, with no credit or final grade earned.

To withdraw from a class, students must first meet with their advising dean in the Berick Center for Student Advising to discuss their choice to withdraw in order to consider all of their options. Students must then submit a Columbia College Acknowledgment of Course Withdrawal form to their advising dean in the Berick Center for Student Advising.

After the course withdrawal deadline, students may not withdraw from any course and will receive the letter grade earned in the course. In cases that have been referred for disciplinary action through the Dean's Discipline process, a student may not drop or withdraw from the course in question

without a successful petition to the Committee on Academic Standing.

*When considering the option to withdraw from a course, students should be aware that, in order to remain in good academic standing, they must successfully complete no fewer than 12 points in a given semester.* Students who do not earn at least 12 points per term will be placed on academic probation, or be suspended or dismissed. Students who do not make adequate progress to the degree (an average of 15.5 points per term) will also face academic probation, suspension, or dismissal.

Neither failure to attend classes nor a student's personal communication to an instructor of intent to withdraw will constitute dropping or withdrawing from a course. Students who stop attending classes without dropping or officially withdrawing are assigned the letter grade earned by factoring a zero or F for any missing work.

## DROPPING OR WITHDRAWING FROM CORE CURRICULUM COURSES

The shared courses in the Core Curriculum – i.e., Art Humanities, Contemporary Civilization, Frontiers of Science, Literature Humanities, Music Humanities, and University Writing – have their own drop deadline that is separate from the standard drop deadline for other courses. The deadline to drop one of the shared Core Curriculum courses is the end of the Change of Program period-i.e., the end of the first two weeks of classes.

After the Change of Program Period, students cannot drop or withdraw from a Core Curriculum course. Students who have compelling mitigating circumstances for withdrawing from a Core Curriculum course must petition the Committee on Academic Standing for permission to do so. It is possible that students who receive a W in a Core Curriculum course may be placed on academic probation.

All first-year students are required to complete Frontiers of Science, Literature Humanities (both semesters), and University Writing successfully by the end of the first year. Students who do not complete one or more of these three courses will be placed on academic probation; therefore, students considering dropping or withdrawing from a Core Curriculum course should consult their advising deans before taking any action. For more details, see the section on Core Curriculum in this *Bulletin*.

## DECLARING THE PASS/D/FAIL OPTION USING THE REGISTRATION SYSTEM

The Pass/D/Fail option is available only for certain courses in a students' program. Students should refer to Academic Regulations—Exams and Grades listed in this *Bulletin* for more information regarding this grading option.

The deadline for declaring the Pass/D/Fail option for a course is the final day of classes in a Fall or Spring term. Up until this

deadline, students may elect to change their course grading options for eligible courses from letter grading to Pass/D/Fail or from Pass/D/Fail to letter grading online via Student Services Online (SSOL). The Pass/D/Fail option can be applied only under certain conditions, which are detailed in the section on “Grades” in the Academics Regulations section of this *Bulletin*.

# STUDY ABROAD

## THE CENTER FOR GLOBAL ENGAGEMENT

The Columbia University Center for Undergraduate Global Engagement (UGE) develops and supports academic and co-curricular opportunities for global learning and engagement for all undergraduates. These opportunities include study abroad, global internships, global service-learning, global research and global courses on campus and abroad. UGE enhances access and support for undergraduates to global opportunities and brings students and faculty together in a central location that creates a hub of global activity at Columbia, allowing students to better connect and learn about potential programs.

UGE works closely with faculty in their global research and teaching in order to enhance the visibility of their work and to increase their access to opportunities to build their global networks and to build students' global competencies. This work also allows faculty and staff to share their global and regional expertise and advice, and collaborate on the development, implementation and assessment of new and existing undergraduate global programs and opportunities for global engagement across Columbia and around the world.

**Center for Undergraduate Global Engagement**  
212-854-2559  
[uge@columbia.edu](mailto:uge@columbia.edu)

Studying in a foreign country for a semester, a full year, or a summer, represents a significant enhancement to the Columbia College education. Study abroad expands the boundaries of the institution and offers students the opportunity to gain first-hand experience of the larger global community of which we are all members. Students engaged in international study discover insights into other cultures, develop new perspectives, and learn to reflect on how their own culture has shaped their understanding of the world. Students interested in studying abroad should visit the [Center for Undergraduate Global Engagement](#) as early as possible to discuss their academic goals and to develop a plan for integrating international study into their curriculum.

## ELIGIBILITY

The College maintains the authority over students' participation in study abroad programs and upholds standards for all potential candidates. To be eligible for participation in a Columbia-approved study abroad program, students must meet the following criteria:

- Students must have a minimum cumulative GPA of 3.0, inclusive of the semester before going abroad.

- Students must have at least junior standing for study abroad in a Fall and/or Spring semester. Students in any class year can study abroad during the summer.
- Students must have made satisfactory progress toward completion of the Core Curriculum; specifically, students must have completed Contemporary Civilization (both semesters), Frontiers of Science, Literature Humanities (both semesters), and University Writing.
- Students must be in good academic and disciplinary standing. A review of each student's academic and disciplinary records is conducted as part of the required clearance process. Students on academic or disciplinary probation are not permitted to study abroad during the term of their probation.

It is generally possible to arrange for study in most foreign countries through programs sponsored by Columbia or by other institutions, or through direct application to foreign universities. Such studies may be approved for one to two terms in the junior year or during any summer term.

## CREDIT AND GRADING

### Columbia-Sponsored Programs

Students who enroll in the following Columbia-sponsored programs receive direct Columbia credit for their courses. The grades earned in their studies are reflected on their official transcripts and cumulative GPA.

**Columbia-sponsored programs include the following:**

- Berlin Consortium for German Studies
- Consortium for Advanced Studies in Cuba
- Kyoto Center for Japanese Studies

### Non-Columbia Study Abroad Programs

Credit earned through approved programs run by other institutions is applied toward the degree as transfer credit when the student returns to the College, upon receipt of appropriate transcripts and other supporting materials. Grades earned in courses through approved programs run by other institutions are not reflected on the transcript or in the cumulative GPA. College transfer students should note that they are permitted no more than 60 points of outside credit, and that approved programs run by other institutions would be considered outside credit (see *Academic Regulations*—Regulations for Transfer Students).

All students are reminded that the final 30 credits required for the degree must be taken while enrolled in the College for study on Columbia's New York campus or on one of the Columbia-sponsored programs abroad. Any exceptions require special permission from the Committee on Academic Standing.

In addition, the following conditions apply for credit for courses taken during study abroad:

1. Courses taught abroad in subjects that are typically taught at Columbia in the professional schools – e.g., business,

education, journalism – may not be eligible for credit. Students should confirm ahead of time whether such courses could receive credit toward the Bachelor of Arts degree offered by Columbia College.

2. Transfer credit is not awarded for courses taken on a Pass/Fail basis in outside programs. The minimum grade necessary for transfer of credit is C-.

## STUDY ABROAD CLEARANCE

Students must be cleared to study on approved programs by the Center for Undergraduate Global Engagement by October 1 for the Spring semester and by March 1 for the Fall semester or full academic year. Students must register with this office before November 15 for the Spring semester and April 15 for the Fall semester or the full academic year.

## UNDERGRADUATE INTERNATIONAL TRAVEL POLICY

All matriculated undergraduates who wish to participate in Columbia-Led, Columbia-Facilitated and/or Recognized international travel must first be cleared to participate in such program and are then *required* to obtain School Sponsorship at least 4 weeks prior to departure, in accordance with the Undergraduate International Travel Policy.

## TUITION AND FINANCES

**When studying abroad during the Fall and/or Spring semesters, students remain enrolled at the College and tuition is paid to Columbia.** Columbia, in turn, pays the academic tuition and fees of the overseas program, while students are financially responsible for room, board, and any miscellaneous costs. Students receiving financial aid at Columbia remain eligible for aid when they study abroad with Columbia's approval during Fall and/or Spring semesters.

Students may direct financial aid and study abroad inquiries to Financial Aid and Educational Planning, 212-854-3711; [ugrad-finaid@columbia.edu](mailto:ugrad-finaid@columbia.edu).

Since the Summer term is not a required part of the academic year of Columbia College, financial aid policies for Columbia College students are not applicable during the summer, and students who wish to study abroad on approved program in summer will be responsible for the full costs of tuition and fees, along with room, board, and any miscellaneous expenses. Students should contact Financial Aid and Educational Planning to understand if any federal financial aid may be available. Scholarships may be available for certain programs; interested students are encouraged to consult the Center for Undergraduate Global Engagement.

For a full list of semester and study abroad opportunities, please visit the Undergraduate Global Engagement website: <https://global.undergrad.columbia.edu/>.

## VIRTUAL EXCHANGE

### Global Columbia Collaboratory

The Global Columbia Collaboratory works with students and the Columbia global network from around the world to create a space for global learning. Framed by the United Nations Sustainable Development Goals, it serves as a platform for virtual exchange opportunities for all involved to learn, reflect, and work collaboratively on projects and ideas relevant to today's world.

Selected participants for the Collaboratory will participate in theme-based global seminars from faculty and experts drawn from Columbia's global networks; exchange perspectives and reflect together on the global challenges framed by the global seminar; and develop ideas with potential to impact today's society. Participants will be coached through the ideation process with support from the broader Columbia global network to help bring student projects to fruition.

Students interested in applying to Columbia-sponsored programs abroad should consult with the Center for Undergraduate Global Engagement.

Columbia College students who enroll in the Columbia-sponsored programs listed below have the same access to the financial aid they would have if they were enrolled in classes in New York.

## EAST ASIA

### Japan: The Kyoto Consortium for Japanese Studies

The Kyoto Consortium for Japanese Studies (KCJS) offers an intensive, two-semester academic program primarily for undergraduates who wish to do advanced work in Japanese language and Japanese studies. The program is open to qualified students who have completed one or more years of college-level Japanese at the time of enrollment.

The KCJS curriculum provides intensive Japanese language study and the opportunity to choose from a broad spectrum of social sciences and humanities courses on pre-modern 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 [global.undergrad.columbia.edu/program/kcjs-semester](https://global.undergrad.columbia.edu/program/kcjs-semester) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([ogp@columbia.edu](mailto:ogp@columbia.edu)). Students are also advised to consult with the director of undergraduate studies in the Department of East Asian Languages and Cultures.



## EUROPE

### France: Columbia in Paris

Established in 1966, the Columbia 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), and the University of Paris IV (Sorbonne). Opportunities for participating in directed research are also available. An English-based curriculum is available in the fall term and the summer, while immersive French programs run throughout the year.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([ogp@columbia.edu](mailto:ogp@columbia.edu)).

### Germany: Berlin Consortium for German Studies

Established in 2005, 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 weekly cultural program, 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.

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. An English-based curriculum is available in the spring term, while immersive German programs are offered in the fall, spring, and full academic year.

For program information, students may consult [global.undergrad.columbia.edu/program/bcgs](http://global.undergrad.columbia.edu/program/bcgs) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([ogp@columbia.edu](mailto:ogp@columbia.edu)). Students are also advised to consult with the [director of undergraduate studies](#) in the [Department of Germanic Languages](#).

### United Kingdom: Columbia in London Program

The Columbia in London Program is a collaboration with Columbia's Department of English and Comparative Literature,

in partnership with Queen Mary University of London (QMUL), one of the UK's most prestigious academic institutions.

Each fall, the program is led by a Columbia faculty member whose research directly engages the literary culture of London. That faculty member will offer a version of the Global Seminar that will enable participating students to study literary texts in their immediate geographical and cultural settings, transforming their relationship to their objects of study and encouraging them to develop a wider range of reading practices and research methodologies. In addition to regular class meetings, the Global Seminar will involve regular outings, designed to complement and enhance the readings and classroom discussions.

In addition to the Global Seminar, students will also enroll alongside local students in courses offered by the host institution. QMUL offers programs across a broad range of disciplines, including physical and natural sciences, business and management, engineering, humanities, and social sciences.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([reidhall@columbia.edu](mailto:reidhall@columbia.edu)).

## LATIN AMERICA AND THE CARIBBEAN

### Cuba: The Consortium for Advanced Studies in Cuba

The Consortium for Advanced Studies Abroad (CASA) program in Cuba is a collaborative initiative involving eight U.S. universities: Brown, Columbia, Cornell, Dartmouth, Johns Hopkins, Northwestern, University of Pennsylvania, and Vanderbilt University. CASA-Cuba provides students with a unique opportunity to have direct access to Cuba's leading institution of higher learning, the University of Havana, and to Casa de Las Américas, the Cuban government's premier research institution on Caribbean and Latin American studies, Cuban culture, and the arts. Comprehensive student services support the academic and social experience. The program runs in both fall and spring semesters.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([ogp@columbia.edu](mailto:ogp@columbia.edu)).

Summer study abroad provides a meaningful complement to the College curriculum and can help students prepare for semester- or year-long overseas programs.

Columbia College students who enroll in the Columbia-sponsored summer programs listed below earn direct credit for their courses. A number of virtual non-credit programs are also available through the Center for Undergraduate Global Engagement.



For a full list of summer study abroad opportunities, please visit the Undergraduate Global Engagement website: [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu).

## SUMMER STUDY ABROAD APPROVAL

Students seeking to study abroad during the summer must be approved by the [Center for Undergraduate Global Engagement](#).

If students take foreign language courses abroad in non-Columbia programs, credit for those courses will be awarded only under the following conditions:

- Credits for language study at the elementary and intermediate levels are awarded after the student takes a placement exam with the relevant Columbia department or program and shows sufficient proficiency in the language. Credits for more advanced levels of language study are accepted for academic credit upon review by the appropriate language department.
- The only other courses in non-Columbia summer programs abroad that can be taken for credit are courses that have been approved by a Columbia department or program to fulfill a requirement for a major or concentration. These courses must be taken abroad in a foreign language.
- Limited exceptions can be made for awarding credit for summer courses taught in English. College credit may be granted if the course offers a unique experience, such as specialized field-work or research, where the study-abroad site functions as a constituent part of the course. In such cases, the program must be approved by the [Center for Undergraduate Global Engagement](#). Departmental approval is required and the course must satisfy major or concentration requirements.

## RECENT COLUMBIA-SPONSORED SUMMER PROGRAMS ABROAD

### France: Columbia Summer in Paris

The five- or six-week program offers modules at several levels designed to allow students to work together in small classes to integrate language and cultural studies and to progress in French while using Paris as a learning lab for language, culture, and extracurricular activities.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([ogp@columbia.edu](mailto:ogp@columbia.edu)).

### France : Columbia Summer Core in Paris: Art Humanities and Music Humanities

This six-week program enables students to complete two [Core Curriculum](#) courses, *Art Humanities* and *Music Humanities*, in Paris. The program emphasizes the musical and visual cultures of Paris. Day trips to important sites in the region, such

as Chartres and Giverny, will complement the excursions to monuments and musical performances within Paris.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([ogp@columbia.edu](mailto:ogp@columbia.edu)).

### France : Columbia Summer Undergraduate Math Research Program in Paris

This four- to six-week program provides for intensive mathematical research with students and faculty from Columbia and the Université Denis Diderot in Paris.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([ogp@columbia.edu](mailto:ogp@columbia.edu)).

### Italy: Columbia Summer in Venice

This six-week program is based at Columbia's Casa Muraro in Venice and uses an interdisciplinary approach to understanding Italian culture and society through study of its language, literature/film, art history and conservation, and opera. Students are given the opportunity to gain a deeper appreciation of the rich Venetian culture, traditions, and history.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu) ([ogp@columbia.edu](mailto:ogp@columbia.edu)).

### Japan: Columbia Summer Practicum: Global Neuroscience

This program gives students the opportunity to acquire first-person knowledge on how the scientific method works, by diving into the field of Human Neuroscience. The program allows students to develop a network of international researchers with whom they will learn to design, conduct, and analyze research studies that draw on current state-of-the-art technological advances in neuroscience. The program includes participation in a week-long neuroscience conference which rotates between different international cities.

For program information, students may consult [global.undergrad.columbia.edu/studyabroad/search/columbia-programs](http://global.undergrad.columbia.edu/studyabroad/search/columbia-programs) and email [uge@columbia.edu](mailto:uge@columbia.edu).

### Japan: Kyoto Consortium for Japanese Studies Program in Modern and Classical Japanese

This six- or eight-week program offers intensive training in modern and classical Japanese for students who have completed at least one year for Modern Japanese or three years for Classical Japanese, or the equivalent. A rich co-curricular program complements the academic program and introduces students to local peers as well as traditional and contemporary Japanese culture and society.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu).

### **United Kingdom: Columbia Summer Research Practicum in Global Behavioral Science (GLOBES)**

This three-week program provides students an immersive learning experience focused on reproducible behavioral research across languages and settings. Students will travel to Cambridge and work with international researchers on a new research question each summer. The objective is for students to get hands-on experience in carrying out behavioral science research, from study development to dissemination, while participating in a large, international collaboration, resulting in a publication co-authored by the students.

For program information, students may consult [global.undergrad.columbia.edu](http://global.undergrad.columbia.edu) and email [uge@columbia.edu](mailto:uge@columbia.edu).

### **Global Columbia Collaboratory: Environmental Humanities and Global Health / Sustainable Development**

The Education for Sustainable Development programs of the Global Columbia Collaboratory offer the opportunity to virtually engage with a small group of Columbia University students, as well as faculty, students, and community organizations abroad over fifteen weeks in the summer. The program includes an in-country portion in various locations for durations from one to three weeks. For program information, students may consult [global.undergrad.columbia.edu/studyabroad/search/columbia-programs](http://global.undergrad.columbia.edu/studyabroad/search/columbia-programs) and email [uge@columbia.edu](mailto:uge@columbia.edu).

## **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. At the partner institutions, students enroll in regular courses alongside local students, live in campus housing, have an academic adviser, and have access to all university facilities and resources.

Currently, Columbia has undergraduate exchanges with the following institutions:

- Bocconi University
- Boğaziçi University
- Hong Kong University of Science and Technology
- University of Hong Kong

Students who plan to apply to these programs should consult with the [Center for Undergraduate Global Engagement](#).

## **CREDIT AND GRADING**

As with other types of study abroad programs, all academic work completed abroad counts toward the Columbia degree, and students may take classes toward the major with the department's approval.

## **TUITION AND FINANCES**

Columbia College students who attend these exchange programs have the same access to financial aid they would have if they were enrolled in classes on Columbia's New York campus. Columbia students pay their usual Columbia tuition and are responsible for non-academic costs abroad.

Students may direct financial aid and study abroad inquiries to the [Financial Aid and Educational Financing](#); 212-854-3711; [ugrad-finaid@columbia.edu](mailto:ugrad-finaid@columbia.edu).

# SPECIAL PROGRAMS

## Preprofessional Advising

**Berick Center for Student Advising**  
[preprofessional@columbia.edu](mailto:preprofessional@columbia.edu)

Medical, dental, and other health professional schools prefer that undergraduates complete a four-year program of study culminating in a bachelor's degree. All health professional schools require prerequisite coursework, but the specific coursework can vary somewhat from program to program and school to school. This coursework can be completed during the undergraduate years along with the Core Curriculum and the major.

## MAJORS FOR STUDENTS PREPARING FOR HEALTH PROFESSIONAL SCHOOL

There is no major preferred by medical school admissions committees. Students are encouraged to pursue a major in any field that appeals to them. Students majoring in a non-science area may wish to pursue additional coursework in a science area, or perhaps a minor in a science field, that overlaps with the coursework for their premedical requirements in order to demonstrate their interest and aptitude in the sciences. Students should work closely with their advising deans and preprofessional advisers from the Berick Center for Student Advising, as well as their departmental major adviser in planning a program that meets their interests.

## PREMEDICAL REQUIREMENTS

It is very important to note that each medical school in the United States and Canada individually determines its own entrance requirements, including prerequisite coursework or expected competencies. Each medical school also sets its own rules regarding acceptable courses or course equivalents. It is therefore essential that students confirm the premedical requirements for each medical school to which they intend to apply.

In addition to medical school course requirements, medical schools currently require applicants to sit for the Medical College Admissions Test (MCAT). Students preparing for medical school are advised to take the following courses, as they will meet the prerequisites for most medical schools and will prepare applicants for the MCAT:

- 1 year of General Chemistry and General Chemistry Lab;
- 1 year of Organic Chemistry and Organic Chemistry Labs;
- 1 year of Introductory Biology and Biology Lab;

- 1 year of General Physics and Physics Labs;
- 1 semester Biochemistry;
- 1 semester of Introductory Psychology

At Columbia, the following courses correspond to the above requirements:

### Chemistry

Select one of the following three options:

#### Option 1:

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I-LECTURES and GENERAL CHEMISTRY II-LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY

#### Option 2: for students who place into the accelerated track:

CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN1507 or CHEM UN1500	INTENSVE GENERAL CHEMISTRY-LAB GENERAL CHEMISTRY LABORATORY

#### Option 3: available to students depending on results of placement exam:

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN2045 & CHEM UN2046	INTENSVE ORGANIC CHEMISTRY and INTENSVE ORG CHEM-FOR 1ST YEAR (formerly CHEM W3045-W3046)
CHEM UN2545	INTENSIVE ORGANIC CHEM LAB

### Organic Chemistry

CHEM UN2443 & CHEM UN2444	ORGANIC CHEMISTRY I-LECTURES and ORGANIC CHEMISTRY II-LECTURES (formerly CHEM W3443-W3444)
CHEM UN2493 & CHEM UN2494	ORGANIC CHEM. LAB I TECHNIQUES and ORGANIC CHEM. LAB II SYNTHESIS

### Biology

BIOL UN2005 & BIOL UN2006	INTRO BIO I: BIOCHEM, GEN, MOLEC and INTRO BIO II: CELL BIO, DEV/PHYS
BIOL UN2501	CONTEMPORARY BIOLOGY LAB (or other Biology laboratory approved by premedical adviser)

### Physics

Select one of the following three options:

#### Option 1:

PHYS UN1201 & PHYS UN1202	GENERAL PHYSICS I and GENERAL PHYSICS II
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PHYS UN1291 & PHYS UN1292	GENERAL PHYSICS I LAB and GENERAL PHYSICS II LABORATORY
<b>Option 2:</b>	
PHYS UN1401 & PHYS UN1402	INTRO TO MECHANICS # THERMO and INTRO ELEC/MAGNETISM # OPTCS
Or	
PHYS UN1601 & PHYS UN1602	PHYSICS I:MECHANICS/ RELATIVITY and PHYSICS II: THERMO, ELEC # MAG
Also select one of the following laboratories:	
PHYS UN1291 & PHYS UN1292	GENERAL PHYSICS I LAB and GENERAL PHYSICS II LABORATORY
PHYS UN1493	INTRO TO EXPERIMENTAL PHYS-LAB
PHYS UN1494	INTRO TO EXPERIMENTAL PHYS-LAB
PHYS UN2699	Experiments in Classical and Modern Physics
PHYS UN3081	INTERMEDIATE LABORATORY WORK
<b>Option 3:</b>	
PHYS UN2801 & PHYS UN2802	ACCELERATED PHYSICS I and ACCELERATED PHYSICS II
Also select one of the following laboratories:	
PHYS UN1493	INTRO TO EXPERIMENTAL PHYS-LAB
PHYS UN1494	INTRO TO EXPERIMENTAL PHYS-LAB
PHYS UN2699	Experiments in Classical and Modern Physics
PHYS UN3081	INTERMEDIATE LABORATORY WORK
<b>Biochemistry</b>	
BIOL GU4501 or BIOC UN3300	Biochemistry BIOCHEMISTRY
<b>Psychology</b>	
PSYC UN1001	THE SCIENCE OF PSYCHOLOGY

While these courses are recommended for MCAT preparation, students should note the following additional information:

- **English:** Most medical schools require one year of English, emphasizing skill acquisition in writing. Columbia College students fulfill this requirement with UNIVERSITY WRITING (ENGL CC1010) and *Masterpieces of Western Literature and Philosophy (Literature Humanities)* (HUMA CC1001-HUMA CC1002).
- **Mathematics:** Although not required by most medical schools, calculus is required for Columbia chemistry sequences and therefore all premedical students should

have successfully completed the equivalent of one semester of Calculus. Medical schools that do have a mathematics requirement typically expect one semester of calculus and one semester of statistics. Any Columbia calculus and statistics classes will meet the requirement and it is sometimes possible to use AP credit toward this requirement.

- **Biochemistry:** An increasing number of medical schools require one semester of biochemistry. While Columbia's introductory biology sequence covers many foundational concepts of biochemistry, which may prepare students for the MCAT, many medical schools will require a course in Biochemistry prior to matriculation.
- **Advanced Biology:** A small number of schools require more than one year of introductory biology and many of these recommend specific advanced level classes.
- **Social and Behavioral Science:** A number of schools have begun to add social and behavioral science courses into their requirements, including, but not limited to, psychology and sociology.

Students should note that medical schools' stated prerequisites are subject to change from year to year and it is the responsibility of students to confirm the prerequisite requirements for each of the medical schools to which they intend to apply. Most medical schools list their requirements in greater detail on their individual websites. More information can also be found from the [Association of American Medical Colleges \(AAMC\)](#).

Students interested in preparing for other health professions, including dental school, should consult a pre-health advisor in the Berick Center for Student Advising about curricular planning.

## BARNARD COURSES

While it is preferred that students complete their premedical requirements with Columbia College courses, students may take premedical requirements at Barnard if course prerequisites have been satisfied in advance. However, students should keep in mind that the Columbia Biology and Chemistry Departments may not accept Barnard courses toward their departments' concentrations and majors. Students should consult their departmental advisers before registering for a Barnard course.

## STUDENTS WITH ADVANCED PLACEMENT

Advanced Placement (AP) credit is accepted by some health professional schools, but not all. Students are responsible for monitoring the requirements of each school to which they intend to apply.

Generally, students with AP credit are strongly advised to take further courses in the field in which they have received such credit.



## APPLICATION TO HEALTH PROFESSION PROGRAMS

For many health professions programs, students apply for admission more than a year in advance of matriculation. Most Columbia students take time between undergraduate and health profession school and thus wait to apply to these schools until after graduating. Students who are interested in going directly on to health professional school following graduation should complete all prerequisite courses which will prepare them for application by the end of the junior year.

Students planning to apply to medical or dental school should meet with preprofessional advisers prior to application and plan to go through the Premedical Advisory Committee process the year they plan to apply. For more information regarding this process, please consult with a preprofessional adviser in the Berick Center for Student Advising ([preprofessional@columbia.edu](mailto:preprofessional@columbia.edu)).

## CLINICAL AND RESEARCH EXPOSURE

Preprofessional Advising maintains an online list of many different clinical volunteer and research opportunities across New York City and beyond. These opportunities can offer students the chance to explore the health professions and to interact with patients, and these experiences are viewed by medical schools as essential preparation. Students are therefore strongly encouraged to spend time volunteering or working in clinical and research environments before applying to medical school.

## THE FU FOUNDATION SCHOOL OF ENGINEERING AND APPLIED SCIENCE

### The Combined Plan (3-2) Program

The Combined Plan (3-2) Program is a dual degree program that provides Columbia College students the opportunity to earn a Bachelor of Arts degree from Columbia College and a Bachelor of Science degree from The Fu Foundation School of Engineering and Applied Science in five years.

Columbia College students must apply in their junior year to The Fu Foundation School of Engineering and Applied Science. In order to apply, students must have completed or be in the process of completing the prerequisite coursework for the relevant Engineering program of study, which will include the following:

#### Mathematics

MATH UN1101 & MATH UN1102 & MATH UN1201 & MATH UN1202	CALCULUS I and CALCULUS II and CALCULUS III and CALCULUS IV
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or

MATH UN1101 & MATH UN1102 & MATH UN1207 & MATH UN1208 & MATH UN1202	CALCULUS I and CALCULUS II and HONORS MATHEMATICS A and HONORS MATHEMATICS B and CALCULUS IV
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or

MATH UN1101 & MATH UN1102 & MATH UN1205 & MATH UN1202	CALCULUS I and CALCULUS II and ACCELERATED MULTIVARIABLE CALC and CALCULUS IV
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#### Chemistry

CHEM UN1403	GENERAL CHEMISTRY I- LECTURES
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Some Engineering minors also require CHEM UN1404

#### Physics

Select one of the following three sequences:

PHYS UN1401 & PHYS UN1402	INTRO TO MECHANICS # THERMO and INTRO ELEC/MAGNETISM # OPTCS
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or

PHYS UN1601 & PHYS UN1602	PHYSICS I:MECHANICS/ RELATIVITY and PHYSICS II: THERMO, ELEC # MAG
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or

PHYS UN2801 & PHYS UN2802	ACCELERATED PHYSICS I and ACCELERATED PHYSICS II
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Some programs require a third semester of Physics

#### Computer Science

Select one of the following two courses, depending on program:

ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI
COMS W1004	Introduction to Computer Science and Programming in Java

#### Economics

ECON UN1105	PRINCIPLES OF ECONOMICS
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#### Laboratory Requirement (choose one of the following)\*:

PHYS UN1494	INTRO TO EXPERIMENTAL PHYS-LAB
CHEM UN1500	GENERAL CHEMISTRY LABORATORY

\*Note that some majors require a specific lab in either Chemistry or Physics, or both

As a condition for admission to the 3-2 program, students must have also completed the requirements for a Columbia College major, as well as any additional pre-curricular requirements for the specific engineering major (see specific requirements on the Undergraduate Admissions website).

Students with more than 35 transfer credits are not eligible for the 3-2 program.

If accepted into the 3-2 program, students will be enrolled at the Fu Foundation School of Engineering and Applied Science in the fourth and fifth years of study. During those years, the students must complete the requirements for a major in the Fu Foundation School of Engineering and Applied Science in consultation with a faculty advisor for their engineering department. Students eligibility for housing and financial aid will continue throughout these years of study.

Each Fall, Undergraduate Admissions conducts information sessions in which students meet with the Combined Plan Program administrator. For more information, students should contact their advising deans in the [Berick Center for Student Advising](#), or [combinedplan@columbia.edu](mailto:combinedplan@columbia.edu).

## The 4+1 Program with Columbia College

The 4+1 Program provides students in The Fu Foundation School of Engineering and Applied Science (SEAS) the opportunity to obtain a Bachelor of Arts degree from Columbia College, in addition to their Bachelor of Science (B.S.) degree from SEAS, through the completion of one additional year of study. Students in the 4+1 program must complete four years of study and complete all requirements for the Bachelor of Science degree in engineering before enrolling in the fifth year of study in Columbia College.

The fifth year of study commences in the Fall semester, and students are required to conclude their studies after two full-time semesters of enrollment. Students must earn a minimum of 31 credits while enrolled at Columbia College

SEAS students who are interested in the 4+1 Program must declare their interest in the spring of their sophomore year and plan their next three years of study with the program adviser.

The program is selective, and admission is based on the following factors:

1. Granting of the B.S. at SEAS at the end of the fourth year
2. Completing all Columbia College [Core Curriculum](#) requirements by the end of the fourth year at SEAS
3. Maintaining a minimum GPA of 3.0 in Columbia College Core courses as well as those courses counting toward the Columbia College major
4. Creating a plan to complete a Columbia College major or concentration by the end of their fifth year that is approved by the appropriate [director of undergraduate studies](#).

For more information, students may contact their advising dean in the [Berick Center for Student Advising](#).

## THE GRADUATE SCHOOL OF ARTS & SCIENCES

[The B.A./M.A. option](#) allows Columbia College students to enroll in graduate-level courses at Columbia and apply the earned credit toward a Columbia Master of Arts (M.A.).

Only students who have been accepted by the Graduate School of Arts & Sciences into a B.A./M.A. program will be allowed to count graduate-level courses taken as an undergraduate toward the requirements for the M.A. Coursework taken toward the B.A./M.A. option is subject to the following guidelines:

1. The credit for the coursework must be in excess of the 124 points required for the B.A. degree.
2. A course used to fulfill a requirement for the B.A. degree may not be counted toward graduate credit.
3. The student must obtain the approval of both the graduate department(s) offering the course(s) and the undergraduate department in which they are majoring.
4. The maximum amount of graduate credit that an undergraduate can earn toward the M.A. degree requirement in the Graduate School of Arts & Sciences is 0.50 Residence Unit. For more information on the Residence Units for graduate programs, please consult the [relevant website](#) of the Graduate School of Arts & Sciences.

Students who are interested in pursuing the B.A./M.A. option must consult the director of graduate studies (DGS) or program director of their intended M.A. program before applying: this consultation is a required part of the application process and must take place before a B.A./M.A. application may be submitted. Students should then plan to apply officially at least two months prior to the semester in which they intend to begin taking courses that will count toward the M.A., and it is important to note that some academic programs have more specific application deadlines.

## THE JUILLIARD SCHOOL

Columbia College students who are exceptionally talented musicians have access to instrumental, composition, and voice instruction at The Juilliard School through two distinct programs.

### The Cross-Registration Program

The Cross-Registration Program allows Columbia College students to enroll concurrently in weekly instrumental (classical and jazz), composition, and vocal instruction at The Juilliard School. The Cross-Registration Program covers weekly instruction only; ensembles and classes at Juilliard are generally not open to participants in the Cross-Registration Program.

Applicants to the Cross-Registration Program may be incoming first-year students or continuing students in Columbia College. In addition to being accepted by Columbia College, Students

interested in the Cross-Registration Program must submit a [Juilliard Application for Admission](#), including pre-screening materials, and must audition successfully to be accepted into the Cross-Registration Program.

Students in the Cross-Registration Program may participate in the program for up to four years of study. Annual juries will be held at Juilliard at the end of each academic year to determine that students are eligible to continue in the program.

Students participating in the Cross-Registration Program have the option of applying to the Joint B.A./M.M. Program in their junior year (see details below).

### The Joint B.A./M.M. Program

The Joint B.A./M.M. Program allows students to earn a Bachelor of Arts degree from Columbia College and a Master of Music degree from The Juilliard School in five years. While instrumentalists and composers are expected to complete the dual degree program in five years, voice students may need six years of study to complete the program, depending on preparation.

Students interested in the Joint B.A./M.M. Program must have participated in the Cross-Registration Program for at least one year to be eligible to apply. Interested students must apply to the joint degree program in their junior year at the College. To be considered for the program, Columbia College students must have completed by the end of junior year 94 points of coursework, including all [Core Curriculum](#) requirements and all requirements for a major. There are no prerequisite courses for the courses in the M.M. program at Juilliard that are required to qualify for admission to the Joint B.A./M.M. Program, but students considering the program are encouraged to complement their cross-registration instruction at Juilliard with music classes and participation in ensembles at Columbia.

If accepted to Joint B.A./M.M. Program, students will become full-time graduate students at Juilliard in their fourth year and will be subject to Juilliard's financial aid policies. While it may be possible to complete 1-2 courses required for the B.A. degree at Columbia College in the fourth year, students must receive permission to do so from the College and will not be eligible for financial aid from Columbia College in that fourth year.

Eligible students should submit the [Juilliard Application for Admission](#) by the appropriate deadline. The pre-screening (if applicable) is waived, and live auditions are held at The Juilliard School in early March.

Students who wish to pursue the joint program should consult with Alex España, Associate Dean, in the [Berick Center for Student Advising](#).

## THE LAW SCHOOL

### Accelerated Interdisciplinary Legal Education Program

The Accelerated Interdisciplinary Legal Education (AILE) Program provides Columbia College students with outstanding records the opportunity to earn a Bachelor of Arts degree from Columbia College and a Juris Doctor degree from Columbia Law School in six years.

To be eligible to apply, students must have enrolled in all six semesters of study for the B.A. from Columbia College on Columbia's New York campus. Students with semesters of transfer credit or study abroad credit, even from Columbia programs, are not eligible to apply to the joint program.

Applicants to the program must have completed by the end of junior year 93 points of credit toward the B.A., including all Columbia College [Core Curriculum](#) requirements and also the requirements for a major. After formal admission to the Law School, students are withdrawn from the College to become full-time Law School students in their fourth year, and are subject to the financial aid and housing policies of the Law School from that point forward. In the fifth and sixth years of study (*i.e.*, the second and third years at the Law School), students must complete 12 points of coursework through the Graduate School of Arts and Sciences, and the coursework must have the prior approval of the student's pre professional adviser.

Interested students should submit an application in the spring of their junior year to the [Preprofessional Advising](#) in the [Berick Center for Student Advising](#). Columbia College may nominate one or two juniors each year for consideration, and the final admission determination is made by the Law School Admissions Committee. Prospective participants in this program must take the [Law School Admission Test \(LSAT\)](#) or Graduate Record Examination (GRE) no later than the February administration of either exam in the year of intended enrollment.

AILE students receive Columbia College and Law School degrees at the same time, at the end of six years. AILE students must apply for the B.A. degree the term before they expect to graduate with the J.D. degree. Students should inform their advising deans in the [Berick Center for Student Advising](#) of their plans to graduate in the sixth year in order to be considered that year for honors and Phi Beta Kappa from the College.

For more information, students may contact [Preprofessional Advising](#), [preprofessional@columbia.edu](mailto:preprofessional@columbia.edu).

## THE MAILMAN SCHOOL OF PUBLIC HEALTH

The 4+1 program between Columbia College and the Columbia Mailman School of Public Health is a dual degree program that allows students to earn a Bachelor of Arts (B.A.) degree from Columbia College and a Master of Public Health degree

(M.P.H.) from the Mailman School of Public Health (Mailman) in five years.

Students accepted into the program spend the Fall term of their fourth year taking the multidisciplinary Public Health Core Curriculum at Mailman, then complete their undergraduate coursework for the College's B.A. degree in the spring semester of their senior year. After graduation from the College, students in the program enroll full-time at Mailman and engage in coursework, thesis work, and a practicum. The practicum takes place in the summer following the academic year of coursework and thesis work at Mailman.

College students may apply to the program in their junior year. The application requires a personal statement and three letters of recommendation (two letters from academic instructors). The deadline for application is December 1st. Applicants must have a minimum cumulative GPA of 3.5, and are expected to have taken at least one semester of calculus, statistics or other appropriate quantitative course. Particular M.P.H. disciplines – specifically, the Biostatistics program and the Environmental Health Sciences program – have additional prerequisites. More information can be found on the Mailman website.

For more information, students may contact their advising dean in the Berick Center for Student Advising.

## THE SCHOOL OF INTERNATIONAL AND PUBLIC AFFAIRS

### The International Affairs Five-Year Program

The International Affairs Five-Year Program offers Columbia College students the opportunity to earn both a Bachelor of Arts degree (B.A.) and a Master of International Affairs degree (M.I.A.) from the School of International and Public Affairs (SIPA) in five years.

If admitted to the joint program, students complete their senior year at Columbia College by taking mostly graduate-level courses that are approved by SIPA to count toward the M.I.A. degree, in addition to any remaining courses needed to complete their B.A. requirements.

To be eligible for the program, students must have, by the end of their junior year, been enrolled in Columbia College for at least four semesters, completed a minimum of 93 credits, achieved competence in a modern foreign language, and completed all Columbia College Core Curriculum requirements. They must also have satisfied all requirements for a major, with the possible exception of two courses (*i.e.*, needing no more than 6-8 credits to complete the major or concentration). These two courses toward the major may be taken during the senior year while completing 24 points of other coursework that will be accepted by SIPA.

One 3-point course approved by SIPA may be taken in the junior year. It may be possible to take courses toward the M.I.A. degree

during the summer between the junior and senior year with prior approval.

To move formally into the M.I.A. program in the fifth year of study, students must receive the B.A. from the College with a satisfactory GPA. Upon formal admission to SIPA after their senior year, students may apply for housing and financial aid through SIPA.

Interested students should apply to this joint program during their junior year through the School of International and Public Affairs Admissions Office. Admission to the joint Five-Year Program does not constitute immediate admission to SIPA; students remain Columbia College students through their senior year.

For more information, students may contact their advising deans in the Berick Center for Student Advising.

### Public Administration Five-Year Program

The Public Administration Five-Year Program is a dual degree program that offers students the opportunity to earn a Bachelor of Arts degree (B.A.) from Columbia College and a Master of Public Administration degree (M.P.A.) from the School of International and Public Affairs in five years.

Once admitted to the joint program, students complete their senior year at Columbia College by taking mostly graduate-level courses that are approved by SIPA to count toward the M.P.A.

To be eligible for the program, students must have, by the end of their junior year, been enrolled in Columbia College for at least four semesters, completed a minimum of 93 credits, achieved competence in a modern foreign language, and completed all Columbia College Core Curriculum requirements. They must also have satisfied all requirements for a major, with the possible exception of two courses (*i.e.*, needing no more than 6-8 credits to complete the major or concentration). These two courses toward the major may be taken during the senior year while completing 24 points of other coursework that will be accepted by SIPA.

One 3-point course approved by SIPA may be taken in the junior year. It may be possible to take courses toward the M.P.A. degree during the summer between the junior and senior year, with prior approval.

To move formally into the M.P.A. program in the fifth year of study, students must receive the B.A. from the College with a satisfactory GPA. Upon formal admission to SIPA after their senior year, students may apply for housing and financial aid through SIPA.

Interested students apply during their junior year through the School of International and Public Affairs Admissions Office. Admission to the joint Five-Year Program does not constitute immediate admission to SIPA; students remain Columbia College students through their senior year.



For more information, students may contact their advising dean in the [Berick Center for Student Advising](#).

**Please note: This Columbia College Bulletin page will be updated as information on exchange programs is confirmed. Thank you.**

# ACADEMIC HONORS, PRIZES, AND FELLOWSHIPS

## DEAN'S LIST

During each academic term, students who have earned a minimum GPA of 3.6 or better in 12 or more points of letter credit in the preceding term are placed on the Dean's List.

The grade P is considered neutral when the averages are figured, and the dividing factor is reduced by the number of points taken for Pass credit. Students who have received grades of D, F, W (or UW pre-Spring 2014) during the term are not eligible for consideration. In any given semester, the mark of YC (year course) precludes the attainment of Dean's List status until the grade for the entire year's coursework is awarded. Students who receive the grade of IN (incomplete), **approved in advance** by the Committee on Academic Standing, are eligible for Dean's List only after all IN grades are changed to letter grades. Students who have been found responsible by the Office of Student Conduct and Community Standards for a violation of academic integrity will not be eligible for the Dean's List during the term of the sanction.

## COLLEGE (LATIN) HONORS

The Bachelor of Arts degree will be awarded with honors in three categories (*cum laude*, *magna cum laude*, *summa cum laude*) to the top 25 percent of the graduating class. Honors are determined by an undergraduate student's cumulative GPA for all work at Columbia, with the top 5 percent of the graduating class being awarded *summa cum laude*, the next 10 percent being awarded *magna cum laude*, and the remaining 10 percent awarded *cum laude*.

College honors are the highest academic recognition awarded by the College. There is no separate consideration of honors for October or February graduates. The honor is officially noted on the diploma and transcript of students who have graduated. October and February graduates may ask the Registrar to add an honors notation to an already issued diploma.

Both academic standing and disciplinary standing are taken into consideration when awarding College honors.

Latin Honors are calculated based on student academic achievement in all semesters at Columbia, including the final semester. Since final grades for seniors for spring semester classes can be submitted only a few days before graduation, and those grades must be part of a student's transcript to be eligible, Latin Honors are typically announced following graduation.

## VALEDICTORIAN AND SALUTATORIAN

The Committee on Honors, Awards, and Prizes reviews the academic records of the most exceptional students nominated by the faculty for Valedictorian and Salutatorian. Selection is based not on GPA alone, but on the breadth, depth, rigor of academic program, high quality of academic achievement, departmental recommendations, and outstanding academic work beyond that which is required for the degree.

The Committee on Honors, Awards, and Prizes considers both academic standing and disciplinary standing within the College when awarding Valedictorian and Salutatorian.

## DEPARTMENTAL HONORS

Departmental honors may be established and awarded by any Columbia College department or academic program, and is recorded on a student's final transcript. Students should consult with their director of undergraduate studies no later than the beginning of the first term of their senior year if they wish to be considered for departmental honors. Students who are awarded departmental honors are notified by their department in mid-May. Not all departments and programs offer departmental honors.

College guidelines for departmental honors include the following four criteria:

Departmental honors are awarded to no more than 10%, or, in small departments, one member, of the graduating majors (including all October, February, and May degrees);

A grade point average (GPA) of at least 3.6 in major courses is expected for a student to be considered for departmental honors;

An honors thesis or equivalent project of high quality should be required by each department or academic program in order to receive departmental honors;

Academic departments and programs consider both academic standing and disciplinary standing within the College when awarding departmental honors. Please note that special concentrations are not eligible for consideration for departmental honors.

## PHI BETA KAPPA

This academic society was founded in 1776 to recognize and celebrate friendship, morality, and learning. The Columbia College Delta chapter was formed in 1869. Each year, 10% of the senior class are inducted into Phi Beta Kappa by faculty who are members of the society. Two percent are elected in the fall and the other eight percent are elected in the spring. Selection is based not only on academic achievement, but also on evidence of intellectual promise, character, and achievement outside the classroom. Academic achievement is measured by the strength and rigor of the chosen academic program, as well as by grades

and faculty recommendations. Students may not apply for Phi Beta Kappa nor may they solicit faculty for recommendations.

As with graduation honors, October and February graduates are considered along with May graduates. Election to Phi Beta Kappa is noted on a student's transcript.

The faculty Phi Beta Kappa selection committee considers both academic standing and disciplinary standing within the College when electing new members to the society.

While prizes are typically awarded annually, they are done so at the discretion of respective selection committees. Hence, should a selection committee decide, in a particular year, that there are no suitable candidates, the prize will not be awarded. Unless otherwise noted, these prizes are awarded to Columbia College students only.

## GENERAL PRIZES

### ALUMNI ASSOCIATION ACHIEVEMENT AWARD

(1947) A trophy, in the form of a Columbia lion, awarded annually to the member of the senior class who is judged to be most outstanding for qualities of mind, character, and service to the College.

### ALUMNI PRIZE

(1858) Awarded annually by the Alumni Association to the senior judged by classmates to be the most faithful and deserving.

### CHARLES H. BJORKWALL PRIZE

(1937) Established by Ottilie Emma Bjorkwall in memory of her brother, Dr. Charles H. Bjorkwall. Awarded annually to a member of the senior class for unselfish service to the College community.

### EDWARD SUTLIFF BRAINARD MEMORIAL PRIZE

(1920) Established by Miss Phebe Sutliff in memory of her nephew, Edward Brainard Sutliff, CC 1921. Awarded annually to the member of the graduating class who is judged by classmates to be most worthy of distinction for qualities of mind and character.

### JAMES CHRISTOPHER CARALEY MEMORIAL PRIZE

(1984) Established in memory of James Christopher Caraley, 1959–1979, CC '81, by his family and friends. Awarded annually to that member of the junior class who has demonstrated the greatest commitment to the value of preservation of the natural environment or of world peace and order.

### ROBERT LINCOLN CAREY MEMORIAL PRIZE

(1967) A trophy, in the form of a lion, awarded annually by the Alumni Association to the senior who, through a combination of leadership qualities as exercised in the non-athletic extracurricular program of Columbia College and outstanding achievement in the academic program of the College, best exemplifies the ideals that Robert Lincoln Carey sought to engender in the students of Columbia College.

### STANLEY I. FISHEL/ZETA BETA TAU PRIZE

Established in honor of Stanley I. Fishel, CC '34, who was president of ZBT while at Columbia and later national president, and who believed in the important role fraternities can play in the development of undergraduates. Awarded to an undergraduate fraternity member who has demonstrated leadership, academic achievement, and participation in athletics or other campus activities.

### RICHARD H. FOX MEMORIAL PRIZE

(1927) Established by Mr. and Mrs. Leon S. Fox in memory of their son, Richard H. Fox, CC 1921. Awarded to the senior who, in the judgment of the King's Crown Advisory Committee, has shown to the College the greatest interest and helpfulness. The student must have participated in some nonathletic activities and must be one who combines intelligence with a kindly interest in his or her fellows.

### ROBERT SHELLLOW GERDY PRIZE

(1969) Established by Mr. and Mrs. Irving Gerdy in memory of their son, Robert Shellow Gerdy, CC '39. Awarded to that member of the graduating class who, throughout the undergraduate years, has made a significant contribution as a member of the staff of one or more College student publications, especially *Jester*, *Columbia Review*, and *Spectator*.

### ROBERT HARRON AWARD

(1972) Established by his friends in memory of Robert Harron. Awarded annually to a member of the junior class for qualities of grace and generosity.

### KING'S CROWN AWARD

(1916) Gold and silver insignia in the form of King's Crowns, each distinguished by a device symbolic of a particular activity, awarded annually by the King's Crown Advisory Committee in recognition of significant participation in any activity under its jurisdiction. Conferred each spring on the basis of written nominations solicited from the governing board of each eligible organization.

### MILCH PRIZE

(1948) Established by Dr. and Mrs. Henry Milch. Awarded annually to the member of the junior class who, by leadership in extracurricular as well as scholastic activities, has, in the judgment of teachers and classmates, done the most to enhance the reputation of Columbia College.

### LEONARD A. PULLMAN MEMORIAL PRIZE

(1965) A certificate and the inscription of the student's name on a plaque in Alfred Lerner Hall, awarded annually to a member of the senior class who displays those qualities of outstanding scholarship and significant service to the College exemplified in the life of Leonard Pullman, CC '62. The recipient must occupy a position of responsibility in a nonathletic Columbia College activity.

### CHARLES M. ROLKER, JR. PRIZE

(1909) Established by Mrs. C. M. Rolker in memory of her son, Charles M. Rolker, Jr., CC 1907. Awarded annually to the

member of the graduating class who is judged by classmates to be most worthy of special distinction because of scholarship, participation in student activities, or in any combination thereof.

#### **VAN AM PRIZE**

(1925) Established by the Class of 1898 on the occasion of its twenty-fifth anniversary. Awarded to the member of the sophomore class who is most distinguished for service, character, and courtesy in relations with faculty members, fellow students, and visitors. A donation is presented to the student activity of the winner's choice.

#### **JAMES J. VALENTINI PRIZE**

(2022) This prize is awarded to the Columbia College senior who, through participation and leadership in College student activities, has demonstrated the qualities and competencies of Beginner's Mind: an openness and willingness to hear different perspectives and a curiosity and desire to learn. It was established in honor of James J. Valentini, former Dean of the College.

### **GENERAL ACADEMIC PRIZES**

#### **ALBERT ASHER GREEN MEMORIAL PRIZE**

(1913) Established by Mr. and Mrs. Asher Green in memory of their son, Albert Asher Green, CC 1914, this prize is awarded to the senior who has been a student in good standing in the College for at least three years and who has made the best record of scholarship.

#### **DAVID B. TRUMAN ALUMNI AWARD**

(1970) Established in honor of David B. Truman, former Dean of the College, this award acknowledges the Columbia College student who has made the most distinguished contribution to the academic affairs of the College.

### **PRIZES IN THE CORE CURRICULUM**

#### **JOSHUA A. FEIGENBAUM PRIZE IN LITERATURE HUMANITIES**

(2004) Established by Joshua Feigenbaum and awarded to a student who is judged by the faculty to have exhibited excellence in Literature Humanities.

#### **WALLACE A. GRAY PRIZE IN LITERATURE HUMANITIES**

(2004) Established in memory of the late Professor Wallace Gray and awarded annually to the Columbia College undergraduate who is judged by the faculty to have written the best essay in Literature Humanities.

#### **DEAN HAWKES MEMORIAL PRIZE IN THE HUMANITIES**

(1943) Established by a committee of the Class of 1943 in memory of Dean Herbert E. Hawkes, this prize is awarded annually to the member of the junior class who is judged to be the most deserving on the basis of work in the humanities.

#### **JONATHAN THRONE KOPIT PRIZE IN LOGIC AND RHETORIC**

(1997) Established by Mrs. Ina Cohen in memory of her husband, Jonathan Throne Kopit, CC'68, this prize is awarded annually to the Columbia College student who, in the opinion of the departmental committee, has made the most significant progress in University Writing.

#### **JAMES P. SHENTON PRIZE IN CONTEMPORARY CIVILIZATION**

(2004) Established by the Committee on the Core and the Office of the Dean of the College in memory of Professor James P. Shenton, CC'49 and GSAS'55, this prize is awarded annually to the Columbia College undergraduate who is judged by the faculty to have written the best essay in Contemporary Civilization.

### **PRIZES IN THE HUMANITIES**

#### **DINO BIGONGIARI PRIZE**

(1954) Established by the former students and friends of Professor Dino Bigongiari, awarded annually to the senior who has written an outstanding essay on Italian civilization or whose work in the regular Italian courses is judged most worthy of distinction.

#### **BUNNER PRIZE**

(1896) Established by friends of the late Henry Cuyler Bunner, this prize is awarded to the candidate for a degree in Columbia University who has submitted the best essay on a topic dealing with American literature. The topic to be selected in connection with course or seminar work in American literature and approved by the chairman of the Bunner Prize Committee.

#### **DOUGLAS GARDNER CAVERLY PRIZE**

(1994) Established in memory of Douglas Gardner Caverly, CC'68, by his family and friends, this prize is awarded for outstanding performance by a graduating major in Classics.

#### **DEUTSCHER VEREIN PRIZE IN GERMAN**

(1917) This prize is awarded annually to the junior or senior who submits the winning essay on a prescribed topic in German literature.

#### **EARLE PRIZE IN CLASSICS**

(1907) Established in memory of Mortimer Lamson Earle, CC 1886, lecturer and professor in the Department of Classics, this prize is awarded for excellence in sight translation of passages of Greek and Latin. Only candidates for the degree of Bachelor of Arts may compete.

#### **JAMES GUTMANN PRIZE IN PHILOSOPHY**

(1987) Established in honor of James Gutmann, this prize is awarded to a graduating Columbia College senior in Philosophy who plans to pursue graduate work in the field.

#### **ADAM LEROY JONES PRIZE IN LOGIC**

(1934) Established by Mrs. Adam Leroy Jones in memory of her husband, who was Associate Professor of Philosophy and Director of University Admissions, 1909–1934. This prize is awarded to a student in the College for the best essay on any topic in the philosophy of science or in the foundation of logic.



It may be either a topic connected with seminar work in the Department of Philosophy or one approved by the Jones Prize Committee.

#### **HELEN AND HOWARD R. MARRARO PRIZE**

(1972) Established in honor of Professor Howard R. Marraro, this prize is awarded to an undergraduate of high academic distinction and promise in an area of study concerned with Italian culture, including art, music, comparative literature, history, economics, government, or in any other academic discipline.

#### **BENJAMIN F. ROMAINE PRIZE FUND**

(1922) Gift of Benjamin F. Romaine to provide an annual prize for proficiency in Greek language and literature.

#### **ERNEST STADLER PRIZE FOR THE EXCELLENCE IN THE STUDY OF CLASSICAL ANTIQUITY**

(2006) Established by Dr. Richard A. Brooks, CC'53, and Dr. Eva Stadler Brooks, BC'53, in memory of Dr. Stadler Brooks' father, Ernest Stadler, who had a life-long commitment to the study of classical antiquity. This prize may be awarded annually to a graduating senior of Columbia College who is judged by the faculty to have demonstrated academic excellence through coursework and the writing of a senior essay on some aspect of the history or culture of the classical world.

### **PRIZES IN THE SOCIAL SCIENCES**

#### **CHARLES A. BEARD PRIZE IN POLITICAL SCIENCE**

(1963) Established by the Honorable Albert Levitt, this prize is awarded to the student who writes the best paper in political science during the academic year.

#### **CARL B. BOYER MEMORIAL PRIZE**

(1978) Established by Mrs. Carl B. Boyer in memory of her husband, this prize is awarded annually to the Columbia undergraduate who writes the best essay on any topic in the history of science or mathematics as judged by a faculty committee.

#### **SHANLEY & CHAMBERLAIN PRIZE**

(2019) Annual award for best undergraduate essay in the areas of the American presidency, Congress, or public policy.

#### **CHANLER HISTORICAL PRIZE**

(1877) Established at the bequest of J. Winthrop Chanler, CC 1847, this prize is 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 is done in conjunction with seminar work in one of the social science departments and approved by the chairperson of the Chanler Prize Committee.

#### **TARAKNATH DAS FOUNDATION AWARD**

(1957) Awarded annually to a student in Columbia College, the School of General Studies, or Barnard College for excellence in Asian studies, particularly in the history and culture of India.

#### **ALBERT MARION ELSBERG PRIZE**

(1912) Established by Mrs. Albert Elsberg in memory of her son, Albert Marion Elsberg, this prize is awarded to a student with sophomore, junior, or senior standing who has demonstrated excellence in modern history.

#### **SANFORD S. PARKER PRIZE**

(1980) Funded by the family and friends in memory of Sanford S. Parker, CC'37, this prize is awarded to a Columbia College senior going on to graduate study in economics who shows promise of doing original work and has already demonstrated boldness of thought and a commitment to excellence, whose interests are wide, heart kind, and spirit generous.

#### **CAROLINE PHELPS STOKES PRIZE**

(1910) Established at the bequest of Caroline Phelps Stokes, this prize is 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 is to be selected in connection with course or seminar work and approved by the Stokes Prize Committee.

#### **ALAN J. WILLEN MEMORIAL PRIZE**

(1968) Established by classmates and friends of Alan J. Willen, CC'64, in his memory, this prize is awarded to the Columbia College student who writes the best seminar paper on a contemporary American political problem. The selection is made jointly by representatives of the Departments of History and Political Science.

#### **MYRA KRAFT PRIZE FOR SUPERIOR ACADEMIC ACHIEVEMENT IN THE STUDY OF HUMAN RIGHTS**

(2013) Established to honor the memory of Myra Kraft, beloved wife of Robert Kraft, CC'63 and Trustee Emeritus, this prize is awarded to the Columbia College student majoring in Human Rights who has the highest grade point average and a superior record of academic achievement in Human Rights.

### **PRIZES IN THE NATURAL AND PHYSICAL SCIENCES**

#### **ALFRED MORITZ MICHAELIS PRIZE**

(1926) Established by Mrs. Jeanette Michaelis in memory of her son, Alfred Moritz Michaelis, CC 1920, this prize is awarded to the member of the graduating class who has completed with the most proficiency the sequence of courses in physics that corresponds most nearly to the sequence given by the late Professor George V. Wendell.

#### **PROFESSOR VAN AMRINGE MATHEMATICAL PRIZE**

(1910) Established by George G. DeWitt, CC 1867, this prize is awarded to three College students (a first-year, a sophomore, and a junior) who are deemed most proficient in the mathematical subjects designated during the year of the award.

#### **JOHN DASH VAN BUREN, JR. PRIZE IN MATHEMATICS**

(1906) Established by Mrs. Louise T. Hoyt in memory of her nephew, John Dash Van Buren, Jr., CC 1905, this prize is

awarded to the degree candidate who writes the best examination on subjects prescribed by the Department of Mathematics.

## PRIZES IN THE CREATIVE AND PERFORMING ARTS

### SEYMOUR BRICK MEMORIAL PRIZE

(1969) Established by Mrs. Seymour Brick and her son, Richard, in honor of their husband and father, Seymour Brick, CC'34, this prize is awarded to the Columbia College student who submits the best one-act or full-length play as judged by the Department of English and Comparative Literature.

### KAREN OSNEY BROWNSTEIN WRITING PRIZE

(1991) Established by Neill H. Brownstein, CC'66, in memory of Karen Osney Brownstein, this prize is awarded to a graduating senior in Columbia College who has written a single piece or a body of work so distinguished in its originality of concept and excellence of execution that it fairly demands the award, support, and recognition the prize intends.

### GEORGE WILLIAM CURTIS PRIZE

(1902) Established by the late Samuel Putnam Avery, CC 1896, an associate of George William Curtis, this prize is awarded to students in the College for excellence in the public delivery of English orations.

### ROBERT W. GOLDSBY FUND

(2019) Awarded to the Columbia College student who demonstrates excellence in the dramatic arts.

### PHILOLEXIAN CENTENNIAL WASHINGTON PRIZE

(1902) Gift of J. Ackerman Coles, CC 1864. This prize is awarded once every four years to the student in the college who shall be deemed most worthy, upon delivery of an original address on a subject concerning public affairs.

### PHILOLEXIAN PRIZE FUND

(1904) A gift of the Philolexian Society, the income from which shall be used for prizes in Columbia College for debating, essays, short stories, and poetry.

### AUSTIN E. QUIGLEY PRIZE

(2010) The Austin E. Quigley prize for outstanding artistic and intellectual achievement may be awarded to a Columbia College senior majoring in Drama and Theatre Arts. Named in honor of Columbia College's dean from 1995-2009, the prize is funded by Nobel Laureate Richard Axel, CC '67 and University Professor of Biochemistry and Molecular Biophysics.

### THE LOUIS SUDLER PRIZE IN THE ARTS

(1983) Awarded annually to a senior who, in the opinion of the Faculty, has demonstrated excellence of the highest standards of proficiency in performance or execution or in the field of composition in one of the following general areas of performing and creative arts: music, theatre, painting, sculpture, design, architecture, film or dance.

### VAN RENSSELAER PRIZE

(1926) Gift of Maximilian Foster, this prize is awarded to the candidate for a degree in Columbia University who is the author of the best example of English lyric verse.

### GEORGE EDWARD WOODBERRY PRIZE

(1935) Established by the Woodberry Society of New York, this prize is awarded every second year to an undergraduate student in Columbia University for the best original poem.

## DEPARTMENT PRIZES

### African American and African Diaspora Studies

#### ELLA BAKER AWARD FOR OUTSTANDING ACADEMIC ACHIEVEMENT

#### RALPH JOHNSON BUNCHE AWARD FOR LEADERSHIP AND SERVICE

### Art History and Archaeology

#### SENIOR THESIS PRIZE IN ART HISTORY AND ARCHAEOLOGY

### Biological Sciences

#### THE BRIDGES AND STURTEVANT PRIZE IN BIOLOGICAL SCIENCES

#### CHARLES A. HUEBSCHMANN PRIZE

### Center for the Study of Ethnicity and Race

#### CSER AWARD FOR ACADEMIC EXCELLENCE

#### CSER AWARD FOR BEST THESIS

### Chemistry

#### BRIAN BENT AWARD

#### RICHARD BERSOHN PRIZE

#### THOMAS J. KATZ PRIZE

### Comparative Literature and Society

#### CATHERINE MEDALIA JOHANNET MEMORIAL PRIZE IN COMPARATIVE LITERATURE AND SOCIETY

### Computer Science

#### THEODORE R. BASHKOW AWARD

#### COMPUTER SCIENCE DEPARTMENT AWARD

#### JONATHAN L. GROSS AWARD FOR ACADEMIC EXCELLENCE

#### ANDREW P. KOSORESOW MEMORIAL AWARD FOR EXCELLENCE IN TEACHING AND SERVICE

**RUSSELL C. MILLS AWARD****Creative Writing****ELLIS AVERY PRIZE FOR CREATIVE WRITING****Drama and Theatre Arts****DASHA AMSTERDAM EPSTEIN AWARD IN  
PLAYWRITING****DESIGN AND PRODUCTION AWARD IN THEATRE****Earth and Environmental Sciences****WALTER PITMAN SENIOR THESIS AWARD****Economics****ROMINE PRIZE****English and Comparative Literature****ACADEMY OF AMERICAN POETS POETRY PRIZE****CHARLES PATERNO BARRATT-BROWN MEMORIAL  
PRIZE****ARTHUR E. FORD POETRY PRIZE****JOHN VINCENT HICKEY PRIZE****Film and Media Studies****PAT ANDERSON PRIZE IN FILM REVIEWING****GUY GALLO MEMORIAL AWARD IN  
SCREENWRITING****ANDREW SARRIS MEMORIAL AWARD FOR FILM  
CRITICISM****French and Romance Philology****PROMISE IN FRENCH STUDIES****SENIOR FRENCH PRIZE****History****CHARLES A. BEARD PRIZE IN HISTORY****FACULTY SPECIAL PRIZE****LILY PRIZE IN HISTORY****GARRETT MATTINGLY PRIZE****UNDERGRADUATE EDUCATION COMMITTEE PRIZE****Latin American and Iberian Cultures****SUSAN HUNTINGTON VERNON PRIZE****Music****CHARLES S. MILLER AWARD****DOUGLAS MOORE PRIZE****BORIS AND EDNA RAPPOPORT PRIZE****Philosophy****DAVID H. SIFF PHILOSOPHY OF SCIENCE AWARD****Political Science****THE PHYLLIS STEVENS SHARP FELLOWSHIP IN  
AMERICAN POLITICS****Religion****PETER AYN UNDERGRADUATE PAPER PRIZE****Slavic Languages****THE AMERICAN COUNCIL OF TEACHERS OF  
RUSSIAN SCHOLAR LAUREATE AWARD****ROBERT A. MAGUIRE PRIZE IN SLAVIC STUDIES****PUSHKIN POETRY PRIZE****Sociology****GRANT SQUIRES PRIZE IN SOCIOLOGY****Sustainable Development****STUART GAFFIN AWARD FOR LEADERSHIP AND  
ENGAGEMENT****Women, Gender, and Sexuality Studies****FEMINIST TO THE CORE ESSAY PRIZE****QUEER STUDIES AWARD****WOMEN'S AND GENDER STUDIES ESSAY PRIZE****FELLOWSHIPS FOR GRADUATE  
STUDY****HARRY J. CARMAN FELLOWSHIP**

(1949) Established by friends and former students of Harry J. Carman GS 1919, former dean of Columbia College, this fellowship is awarded annually to a Columbia College senior who exhibits intellectual promise for advanced study.

**JARVIS AND CONSTANCE DOCTOROW FELLOWSHIP**

(2005) Established by the Jarvis and Constance Doctorow Foundation, this fellowship is awarded annually to a Columbia College senior for one year of study at St. Edmund Hall, Oxford University.

**HENRY EVANS TRAVELLING FELLOWSHIP**

(1928) Established by Mrs. Henry Evans in memory of her husband, Henry Evans CC 1881, this fellowship is awarded annually to graduating seniors at Columbia College who are

planning to undertake a research project of a creative nature that requires travel rather than formal graduate study.

#### **HOLTHUSEN-SCHINDLER ENDOWMENT FUND**

(2000) Established through a bequest from the estate of Lenore S. Holthusen GS'51, the widow of Hen Holthusen CC 1915, LAW 1917, this scholarship is awarded to graduates of Columbia College who continue their education at Columbia Law School.

#### **EURETTA J. KELLETT FELLOWSHIPS**

(1932) Established through a bequest from the estate of Eurette Jane Schlegel, this fellowship is awarded to Columbia College seniors who have shown exceptional proficiency in the study of liberal arts for one or two consecutive years of study at Oxford University or Cambridge University.

### **SPECIAL UNDERGRADUATE FELLOWSHIPS**

#### **BEESEN GLOBAL EXPERIENCE TRAVEL FELLOWSHIPS**

(2015) Established by Charles F. Beesen LS'58, this fellowship is awarded annually to undergraduate students of Columbia College and Barnard who are not native speakers of French for summer study abroad in Paris.

#### **THE CLASS OF 1939 SUMMER RESEARCH FELLOWSHIP**

(1989) Established by the Class of 1939 in honor of the 50th anniversary of their graduation, this fellowship grants students the opportunity to pursue their intellectual goals, gain valuable research experience, and cultivate stronger relationships with faculty members.

#### **THE COMER UNDERGRADUATE SUMMER RESEARCH FELLOWSHIP IN CLIMATE SCIENCES**

(2023) This fellowship supports undergraduate students participating in summer research projects related to sustainability and climate. First-generation, low-income and/or underrepresented students are particularly encouraged to apply. The fellowship seeks to create meaningful new research opportunities, with the ultimate goal of encouraging a more diverse community of students who seek to pursue graduate study or professional engagement in climate related fields.

#### **HERBERT DERESIEWICZ SUMMER RESEARCH FELLOWSHIP**

(2011) Established by Robert Leslie Deresiewicz CC'79, P: CC'13, CC'16, in memory of his father Herbert Deresiewicz SEAS'48, SEAS'52, P: CC'79, CC'85, BC'78, GSAS'90, GSAS'93, GSAS'98, JRN'87, PT'79, a long time SEAS faculty member and department chairman who held a deep and abiding love for undergraduate teaching. This fellowship is awarded to a Columbia College or SEAS student for full-time laboratory research on the Morningside Heights campus in biological sciences, biomedical engineering, chemistry or chemical engineering.

#### **INTERNATIONAL AFFAIRS FELLOWSHIP FUND**

(2019) Established by an anonymous donor, this fellowship is awarded to Columbia College juniors majoring in political science proposing summer research focusing on international relations, human rights, or regional studies.

#### **SOLOMON AND SEYMOUR FISHER CIVIL LIBERTIES FELLOWSHIP**

(1989) Established by Solomon Fisher, CC'36, LAW'38, P: CC'62, GSAS'68 and Seymour Fisher, CC'45, this fellowship is awarded annually to a Columbia College student for work during the summer at the Legal Department of the American Civil Liberties Union National Office in New York City.

#### **KLUGE FELLOWS SUMMER RESEARCH GRANT**

(1988) Established by John Kluge, CC'37, P: CC'05 this fellowship. Administered by the Columbia University Scholars Program (CUSP) Summer Enhancement Fellowships, grants are awarded competitively to students from underrepresented groups for independent research projects during the summer under the sponsorship of a faculty member. The application process includes a series of seminars and workshops.

#### **RICHARD LEWIS KOHN TRAVELLING FELLOWSHIP**

(1959) Established in memory of Richard Lewis Kohn CC'60 from gifts of various donors, this fellowship is awarded annually to a Columbia College student for study during the junior year in Great Britain.

#### **MYRA KRAFT PRIZE FOR EXCEPTIONAL PRACTICAL EXPERIENCE IN HUMAN RIGHTS ADVOCACY**

(2013) Established by Robert Kraft CC'63, P: CC'94, in memory of his wife Myra Kraft P: CC'94, this prize is awarded to the rising Columbia College senior majoring in human rights for a summer or one-term human rights internship.

#### **MELLON MAYS UNDERGRADUATE FELLOWSHIP**

(1996) Awarded in the spring semester of the sophomore year to undergraduates who wish to pursue a Ph.D., whose research interests display a commitment to diversifying humanistic fields of study, and whose intellectual and social commitments embody those of the late Dr. Benjamin Mays. The fellowship supports a two-year academic enhancement program funded by the Andrew W. Mellon Foundation.

#### **NOBUHISA AND MARCIA ISHIZUKA GLOBAL FELLOWSHIP IN EAST ASIAN STUDIES**

(2015) Established by Nobuhisa Ishizuka CC'82, LAW'86 this fellowship is awarded annually to a Columbia College student for an international experience studying Japanese language and culture.

#### **PRESIDENTIAL GLOBAL FELLOWSHIP**

(2014) Established by Lee C. Bollinger, Columbia University's 19th president, the fellowship is awarded to first-year undergraduates (CC, SEAS, GS) for participation in global engagement opportunities.



**SANFORD S. PARKER PRIZE SUMMER FELLOWSHIPS**

(1980) Funded by the family and friends of Sanford S. Parker CC'37, this prize is awarded to Columbia College juniors who aspire to conduct summer research projects. Recipients will show promise of doing original work, and demonstrate boldness of thought and a commitment to excellence.

**RICHARD AND BROOKE KAMIN RAPAPORT SUMMER MUSIC PERFORMANCE FELLOWSHIP**

(1993) Established by Brooke Kamin Rapaport and Richard A. Rapaport CC'69, P: CC'22, this music fellowship is awarded to Columbia College students who are particularly gifted in musical performance, composition or conducting.

**ARTHUR ROSE TEACHING ASSISTANTSHIP**

(1958) Established by Mr. and Mrs. Bennett Rose in memory of their son, Arthur Rose. This fellowship is awarded to a senior in Columbia College whose work supports the faculty in one of the departments that contribute to the courses in Contemporary Civilization and the Humanities.

**THE PHYLLIS STEVENS SHARP FELLOWSHIP IN AMERICAN POLITICS**

(2005) Established by John Stevens Sharp CC'79, GSAS'80, GSAS'82, this fellowship is awarded to Columbia College students majoring in political science for research in American politics or policy making or uncompensated internships in a government office, agency, or other organization serving the public.

**SUMMER UNDERGRADUATE RESEARCH FELLOWSHIP**

Awarded to undergraduate students for hands-on biology related laboratory research on either the Morningside campus or in the biomedical labs at Columbia's Health Sciences. The fellowship provides for one summer of full time research.

**RICHMOND B. WILLIAMS TRAVELLING FELLOWSHIP**

(1988) Established through a bequest from the estate of Richmond B. Williams CC'1925, JRN'1925, this fellowship is awarded to Columbia College juniors majoring in English for a summer research project requiring foreign travel.

**YATRAKIS SUMMER RESEARCH FELLOWSHIP**

(2019) Established in honor of Kathryn B. Yatrakis GSAS'76, GSAS'81, P: CC'94, CC'96, CC'05 by her family, this fellowship is awarded to Columbia College students for summer research in urban studies.

**SPECIAL ENDOWMENTS****CLASS OF 1954 URBAN NEW YORK PROGRAM ENDOWMENT**

(1981) Established by the Class of 1954, this fund enables students and faculty to jointly experience cultural events through the Urban New York Program.

**ARNOLD I. KISCH, M.D., AND VICTORIA L. J. DAUBERT, PH.D FUND FOR STUDENTS TO EXPERIENCE OPERA IN N.Y.C.**

(1993) Created for students to experience opera in New York City within the Urban New York Program.

**VALENTINI ENDOWMENT FUND FOR THE COLUMBIA COLLEGE JOURNEY**

(2021) Established in honor of James J. Valentini's tenure as dean of Columbia College, this fund provides support for students pursuing experiences beyond the classroom, including unpaid or low-paid internships, research opportunities with Columbia faculty or faculty at other institutions, community engagement opportunities and summer study abroad.

# DEAN'S DISCIPLINE

All members of Columbia University's community are expected to conduct themselves in ways that are honest and that respect the rights of others at all times. Dean's Discipline refers to the process through which Columbia College responds to allegations of student academic or behavioral misconduct. The primary aim of the Dean's Discipline process is to educate students about the impact their behavior may have on their own lives as well as on the greater community, and therefore it is not designed as an adversarial or legal process.

The Dean's Discipline process is initiated when the College or University receives a report that a student has allegedly violated Columbia College or University policies or local, State, or Federal laws. 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.

The Center for Student Success and Intervention (CSSI) is responsible for all disciplinary affairs concerning Columbia College students that are not reserved to some other office or organization within the College or University. CSSI uses a "360-degree lens" approach to its work with students, which includes matters of student conduct, intervention case management, and student support initiatives.

Columbia College students are expected to familiarize themselves with [Standards and Discipline](#) and the comprehensive list of policies and expectations available on the [Center for Student Success and Intervention](#) website.

## ACADEMIC INTEGRITY

A Columbia College education has two complementary elements: the intellectual development of bodies of knowledge and habits of mind, and the overall development of moral character and personal ethics. These elements are supported by a commitment to academic integrity.

Academic integrity defines an intellectual community and its educational mission. As members of the intellectual community of Columbia College, students are expected to respect and acknowledge the intellectual work of others and denote clearly how their own work relates to that of others.

Columbia College provides support for students as they learn and practice the tenets of academic integrity in their undergraduate studies through the office of [Academic Integrity](#), a part of the office of Students and Family Support. The office of Academic Integrity provides training on academic integrity for all incoming students to the College through mandatory online programs for new students and through a variety of programs throughout the academic year. The

office's [website](#) provides detailed information for students on the policies around academic integrity, including the student Honor Code that governs all academic work, the various forms of academic dishonesty that students should avoid, and resources for students to utilize in their own work. Students with questions are encouraged to contact the office at [ugrad-integrity@columbia.edu](mailto:ugrad-integrity@columbia.edu).

Violating the standards of academic integrity severely inhibits a student's opportunity to mature academically, professionally, and socially. Consequently, a violation of academic integrity is one of the most serious offenses a student can commit at the University.

Violations of academic integrity may be intentional or unintentional and can include, but are not limited, to:

- Academic Dishonesty, Facilitation of
- Assistance, Unauthorized
- Bribery
- Cheating
- Collaboration, Unauthorized
- Dishonesty
- Ethics, Honor Codes, and Professional Standards, Violation of
- Failing to Safeguard Work
- Giving or Taking Academic Materials, Unauthorized
- Obtaining Advanced Knowledge
- Plagiarism
- Sabotage
- Self-Plagiarism
- Test Conditions, Violation of
- Use of Artificial Intelligence Tools, Unauthorized

Violations of the policies regarding the above categories will be subject to Dean's Discipline.

## ACADEMIC INTEGRITY IN THE VIRTUAL AND HYBRID CLASS ENVIRONMENT

The Columbia undergraduate classroom, whether real or virtual, is a vital and dynamic space for learning, sustained by the expectation that the class experience is shared only by participants in the course. The free and respectful exchange of ideas is the foundation of teaching and learning and can occur only if all course participants agree as a matter of academic

integrity (subject to standard penalties) to respect the guidelines established below.

To support and sustain the class experience, the Columbia undergraduate Committee on Instruction sets forth the following expectations, pertaining both to course materials and to course meetings:

- Course materials, including handouts, readings, slides, and attendant materials must not be broadly shared, distributed, or sold outside the course environment (including on social media) without permission of the instructor. They must be understood as the product of instructors' intellectual work, and treated as their property.
- The contents of class discussion and breakout rooms may not be circulated outside the classroom, in whole or in part, for non-educational purposes (e.g., on social media) or outside the Columbia community. Students are expected to respect the complex dynamics of class discussion and use discretion when repeating the ideas of others outside of the classroom. The audio and visual recordings of class discussion and breakout rooms belong to the course participants and must be understood in the context of the course. This is especially crucial to protect the identity of speakers; in certain circumstances, failure to do so could be a form of bullying and could endanger course participants.
- Recordings of class sessions must not be shared, in whole or in part, with those outside the class. Students are not permitted to record any portion of class sessions without the explicit consent of the instructor.

Violations of the policies regarding the above categories will be subject to Dean's Discipline.

## BEHAVIORAL STANDARDS

University policy regarding behavior standards have been developed for the purposes of maintaining a safe and healthy educational environment. Categories of prohibited conduct include, but are not limited to, the following:

- Unauthorized Access/Egress
- Prohibited use of Alcohol
- Collusion
- Prohibited use of Columbia University Identification Card
- Violation of Columbia University Non-Discrimination Statement
- Unauthorized Use of Columbia Identity (or affiliated organizations)
- Unauthorized Copying and/or Distribution
- Disruptive Behavior

- Endangerment
- Endangerment to Animals
- Failure to Comply
- Falsification
- Violation of Fire Safety Policies
- Harassment
- Hazing
- Violation of Illegal Drugs Policy
- Violation of Information Technologies Policies
- Violation of the Laws
- Retaliation
- Sales and Solicitation
- Violation of University Smoking Policy
- Unauthorized Surveillance/Photography
- Theft
- Violation of University Policies
- Vandalism/Damage to Property
- Weapons

Violations of the policies regarding the above categories will be subject to Dean's Discipline.

# COLUMBIA UNIVERSITY POLICIES

Since policies and procedures are subject to change, please check the [Columbia University website](#) for the most current information.

## RESERVATION OF UNIVERSITY RIGHTS

This *Bulletin* is intended for the guidance of current Columbia students and faculty, as well as for the guidance of persons applying for or considering application for admission to Columbia College of Columbia University.

In general, this *Bulletin* sets forth the manner in which the University intends to proceed with respect to the matters set forth herein, but the University reserves the right to depart without notice from the terms of this *Bulletin*. The *Bulletin* is not intended to be, and should not be, regarded as a contract between the University and any student or other person.

Valuable information to help students, faculty, and staff understand some of the policies and regulations of the University can now be found in [University Policies](#), which includes information on the following:

- Additional Policy Sources for the Columbia Community
- Central Administration of the University's Academic Programs
- Consumer Information
- Crime Definitions in Accordance with the Federal Bureau of Investigation's Uniform Crime Reporting Program
- Essential Resources:
  - Campus Safety and Security
  - Disability Services
  - Ombuds Office
  - Transcripts and Certifications
- FERPA - Policy on Access to Student Records under the Federal Family Educational Rights and Privacy Act (FERPA) of 1974, as Amended
- Gender-Based Misconduct Policies for Students
- Information Technology Policies

- International Travel Planning Policy
- Involuntary Leave of Absence Policy
- Military Leave of Absence Policy
- Non-Retaliation Policy
- Policies on Alcohol and Drugs
- Policies and Procedures on Nondiscrimination and Harassment
- Policy on Partisan Political Activity
- Protection of Minors
- Social Security Number Reporting
- Student Email Communication Policy
- University Event Policies
- University Regulations (Including Rules of University Conduct)
- Use of Hoverboards on University Campus and Property
- Use of Unmanned Aircraft Systems on University Campus and Property
- Voluntary Leave of Absence Policy
- Involuntary Leave of Absence Policy

## STUDENT GRIEVANCE POLICIES AT COLUMBIA UNIVERSITY

Columbia University is committed to fostering intellectual inquiry in a climate of academic freedom and integrity. Its members, students, and faculty alike, are expected to uphold these principles and exhibit tolerance and respect for others. The following procedures are part of a process to ensure that student concerns about experiences in the classroom or with faculty are addressed in an informed and appropriate manner.

**Please note that the policies and processes listed here are meant to address any potential concerns about a faculty member's *professional conduct and behavior* toward students in the classroom or in other instructional settings. Potential concerns about *grades awarded by a faculty member* are covered by separate policies and procedures, which can be found on the College's website under "Academics".**

Columbia believes that both students and faculty have the right to express their views freely, within an atmosphere of tolerance and civility. Faculty may present students with ideas and interpretations that surprise, and even offend them. But they must do so in an environment that is open to divergent views. Faculty, of course, must not discriminate on the basis



of race, gender, sexual orientation, disability, religion, or other inappropriate categories.

The University offers several avenues of assistance to students who feel that their professors have not lived up to these responsibilities. These range from informal counseling and mediation to formal grievance processes. It is a violation of University policy to retaliate against any student who brings a grievance procedure in good faith.

## The Ombuds Office

When students encounter problems that they feel they cannot discuss with their professors, they may, instead, turn to the University Ombuds Office (<http://ombuds.columbia.edu>) for information, clarification of University policies, and confidential advice. The Ombuds Officer may refer students to other offices for further assistance or engage in informal mediation at the request of students. The Ombuds Officer does not have the authority to conduct formal investigations.

## Deans and Department Chairs

Students may also approach the chair of the department in which their course is given for advice and assistance in resolving problems with individual faculty. If they are not satisfied with the assistance they receive or consider the chair to be part of the problem, they may seek assistance from the dean of the School within which they are enrolled or the dean or vice president overseeing the School within which the course is offered. The deans and vice presidents are authorized to conduct formal investigation of student complaints against their professors and, when they consider it appropriate, provide relief to the student or impose sanctions against the professor in a manner that is consistent with the University's disciplinary policies for faculty. The form such investigations take is left to the discretion of the deans and vice presidents.

## Office of Equal Opportunity and Affirmative Action

When students believe that they have been the victims of discrimination or sexual harassment by faculty, they may seek assistance from the Office of the Associate Provost for Equal Opportunity and Affirmative Action (<http://eoaa.columbia.edu>). As described in the University's Policy Statement on Discrimination and Sexual Harassment, the Associate Provost for Equal Opportunity and Affirmative Action is empowered to conduct investigations of their complaints, with certain exceptions, as well as provide confidential advice and engage in informal mediation. The Associate Provost may exercise those responsibilities herself or delegate them to a designee. If at any time a complaint is filed with a governmental agency or court, the University procedures must cease immediately.

See the list below for links to school-specific guidance.

Faculty of Arts and Sciences

Columbia College

## GRADUATION

The B.A. degree is typically awarded three times during the year: in February, May, and October. Under special circumstances, a degree scheduled to be awarded in May may be awarded in June instead.

Each May, the College celebrates the students who have completed the requirements for the Bachelor of Arts degree from Columbia College in its Class Day ceremony. Information on the College's Class Day is shared each Spring with students who have completed or will complete the requirements for the Bachelor of Arts degree in the academic year ending that May.

Each May, the University confers degrees on the students who have completed the requirements for the Bachelor of Arts degree from Columbia College in the University-wide Commencement ceremony (see [Academic Calendar](#)). For complete Commencement information, please visit the official [Columbia University Commencement website](#).

Diplomas are mailed to students after the degree has been officially conferred by the University.

## Graduation Requirements

You should consult with your academic advisor within your school or department to be sure all of your graduation requirements have been met. In order to be eligible to graduate, Columbia College students must have completed 124 points of academic credit, which must include the full Core Curriculum and all requirements for a major, and must have a cumulative GPA of 2.0 or higher.

Students in Columbia College can use the Degree Audit Report (DAR) through [SSOL](#). The DAR is used by both students and staff as a tool to help track students' progress toward the degree. The DAR is a tool for advising and is not considered the equivalent of an official transcript by the College or the University.

Note: Deans and advisors are the final authorities on whether graduation requirements have been met.

## Degree/Certificate Application

**In order to be considered for a degree or certificate, you must file an application with your school or department.**

You should submit the Application for Degree or Certificate by the appropriate deadline.

For 2024-2025, the dates are:

September 1, 2024 - Degrees conferred October 16, 2024

November 1, 2024 - Degrees conferred February 12, 2025

January 1, 2025 - Degrees conferred May 21, 2025

March 1, 2025 - Degrees conferred June 30, 2025

Columbia College students should consult the section **Academic Regulations–Graduation** above for more details on applying for the Bachelor of Arts and on receiving the diploma of the degree.

Additional Information:

- [Application for Degree or Certificate — University Registrar](#)
- [Graduation and Diplomas — University Registrar](#)
- [Commencement Week](#)
- [GradZone](#)

## IMMUNIZATION REQUIREMENTS

Before students are permitted to register for classes, there are several immunization requirements that all students—regardless of credit load—must complete. For this reason, a hold is placed on registration for all incoming students.

***Documentation is upon admission or at least 30 days prior to a student's scheduled registration date.***

1. Measles, Mumps, and Rubella (MMR): New York State public health law and University policy requires that all students born on or after January 1, 1957 document immunity to measles, mumps, and rubella.
2. Meningitis decision: New York State public health law and University policy requires that students certify their decision about receiving the meningococcal meningitis vaccine (menACWY) on the Patient Portal. Those indicating they have received the vaccine must upload documentation showing the vaccine was received in the last 10 years.

### **Submit Documentation**

Submit the University immunization form and all proof/documentation via the [Columbia Health Patient Portal](#) (Immunization Record section under Medical Clearances). All documentation must be in English or accompanied by a certified translation.

Records may also be sent via other options as outlined on the Columbia Health website, though records submitted outside of the Patient Portal process may experience significantly longer processing times.

All forms are processed in the order in which they are received. Columbia University does not expedite processing of late forms. As such, any delays in submitting or an incomplete submission will result in registration delays.

### ***Exemptions***

Columbia University is committed to providing a safe, inclusive, and supportive experience for all students and recognizes medical contraindications to vaccination as well as student observance of their faith as it pertains to the practice of immunization.

To request a medical or religious exemption, please complete the appropriate request forms, read the required Vaccine Information, attach all supplemental materials, and upload all documents to the [Columbia Health Patient Portal](#) (Upload Immunization Record section under Medical Clearances) prior to the deadline. Note that students requesting an exemption must submit separate forms for each vaccine exemption request. Learn more about exemption requests on the [Immunization Compliance page](#).

For information about these requirements visit the [Immunization Compliance page](#), or email [immunizationcompliance@columbia.edu](mailto:immunizationcompliance@columbia.edu).

## IMMUNIZATION RECOMMENDATIONS

[Columbia Health](#) recommends that students receive all routine childhood vaccinations, an updated tetanus booster, vaccination for Hepatitis B (three-dose series), and varicella (chicken pox). These vaccines are available at [Columbia Health Medical Services](#).

Students who have paid the Columbia Health & Related Services Fee are not charged for the following vaccines when administered at Columbia Health Medical Services:

1. Measles, Mumps and Rubella (MMR)\*
2. Hepatitis A
3. Hepatitis B
4. Hepatitis Combination A and B
5. Influenza
6. Meningococcal Meningitis
7. Pneumococcal (if clinically indicated)
8. Tetanus-Diphtheria
9. Tetanus-Diphtheria-Pertussis
10. Varicella
11. Up-to-date COVID-19 vaccination (strongly recommended)

For all other vaccinations, students are charged for the cost of the vaccine. Vaccinations are available to students who have not paid the Columbia Health & Related Services Fee for a minimal cost.

\*MMR vaccine cost will be charged if it is administered to meet pre-matriculation immunization requirements.

## NOTICE OF NON-DISCRIMINATION

Columbia University is committed to providing a learning, living, and working environment free from unlawful discrimination and to fostering a nurturing and vibrant community founded upon the fundamental dignity and worth of all of its members. Consistent with this commitment, and with all applicable laws, it is the policy of the University not to tolerate unlawful discrimination in any form and to provide persons who feel that they are victims of discrimination with mechanisms for seeking redress.

The University prohibits any form of discrimination against any person on the basis of race, color, sex, gender, pregnancy, religion, creed, marital status, partnership status, age, sexual orientation, gender identity, gender expression, national origin, disability, military status, or any other legally protected status in the administration of its educational policies, admissions policies, employment, scholarship and loan programs, and athletic and other University-administered programs.

Nothing in this policy shall abridge academic freedom or the University's educational mission. Prohibitions against discrimination and discriminatory harassment do not extend to statements or written materials that are relevant and appropriately related to the subject matter of courses.

Inquiries or complaints regarding any form of discrimination or harassment may be directed to:

Title IX Coordinator/Section 504 Officer for Columbia University, [Office of Equal Opportunity and Affirmative Action](#)

Department of Education, Office for Civil Rights (New York Office), [OCR.NewYork@ed.gov](mailto:OCR.NewYork@ed.gov)

## 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, coursework or class requirements that he or she may have missed because of such absence on any particular day or days.

No student will be penalized for absence due to religious beliefs, and alternative means will be sought for satisfying the academic requirements involved.

Officers of Administration and of Instruction responsible for scheduling of academic activities or essential services are expected to avoid conflict with religious holidays as much as possible. If a suitable arrangement cannot be worked out between the student and the instructor involved, they should consult the appropriate dean or director. If an additional appeal is needed, it may be taken to the Provost.

## STUDENT POLICIES AND PROCEDURES ON DISCRIMINATION AND HARASSMENT, GENDER-BASED MISCONDUCT POLICIES FOR STUDENTS AND CONSENSUAL ROMANTIC AND SEXUAL RELATIONSHIPS

Columbia University is committed to providing a learning, living, and working environment free from discrimination, harassment and gender-based and sexual misconduct. Consistent with this commitment and with applicable laws, the University does not tolerate discrimination, harassment, or gender-based sexual misconduct in any form and it provides students who believe that they have been subjected to conduct or behavior of this kind with mechanisms for seeking redress. All members of the University community are expected to adhere to the applicable policies, to cooperate with the procedures for responding to complaints of discrimination, harassment and gender-based and sexual misconduct, and to report conduct or behavior they believe to be in violation of these policies to the Office of Equal Opportunity and Affirmative Action.

Columbia University's Sexual Respect website ([sexualrespect.columbia.edu](http://sexualrespect.columbia.edu)) provides additional information and resources for students, faculty, and staff. 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.

Complaints against students for other forms of discrimination and harassment are processed in accord with the policies and procedures found on the website for the Columbia Gender-Based Misconduct Office ([genderbasedmisconduct.columbia.edu](http://genderbasedmisconduct.columbia.edu)).

Complaints against employees and third parties affiliated with the University for discrimination and harassment are processed in accord with the Employment Policies and Procedures on Discrimination, Harassment, Sexual Assault, Domestic Violence, and Stalking. The use of the term "discrimination and harassment" includes discrimination, discriminatory harassment, gender-based harassment, stalking, intimate partner violence, sexual harassment, and sexual assault.

Columbia University maintains policies regarding consensual romantic and sexual relationships between faculty and students, and staff and students. The Policy on Romantic and Sexual Relationships between Faculty/Staff and Undergraduate Students states that no faculty or staff member shall initiate or accept sexual or romantic advances or engage in a romantic or sexual relationship with any undergraduate student enrolled in Columbia College, the Fu Foundation School of Engineering and Applied Science, the School of General Studies, or Barnard

College or other affiliate of Columbia, regardless of whether the faculty member has a supervisory role over the student.

For further information and assistance, contact:

Office of Equal Opportunity and Affirmative Action,  
[eoaa.columbia.edu](http://eoaa.columbia.edu)

Gender-Based Misconduct Office,  
[genderbasedmisconduct.columbia.edu](http://genderbasedmisconduct.columbia.edu)

## Additional Resources

Columbia offers a number of confidential resources to students who believe they have been subjected to discrimination, harassment or gender-based or sexual misconduct and who do not wish to report to the University:

Columbia Health Sexual Violence Response and Rape Crisis/Anti-Violence Support Center (Confidential),  
[health.columbia.edu/svr](http://health.columbia.edu/svr), 24/7/365 Helpline: 212-854-4357 (HELP)

Columbia Health Medical Services (Confidential),  
[health.columbia.edu/medical](http://health.columbia.edu/medical), 212-854-7426

Columbia Health Counseling and Psychological Services (Confidential), [health.columbia.edu/cps](http://health.columbia.edu/cps), 212-854-2878

Ombuds Office, [ombuds.columbia.edu](http://ombuds.columbia.edu), 212-854-1493

Office of the University Chaplain, [ouc.columbia.edu](http://ouc.columbia.edu), 212-854-1234

## UNDERGRADUATE INTERNATIONAL TRAVEL POLICY

All matriculated undergraduates participating in Columbia-Led, Columbia-Facilitated and/or Columbia-Recognized international travel **will be required to obtain School Sponsorship** at least 4 weeks prior to departure.

Application for School Sponsorship is comprised of the following steps. All steps must be completed prior to travel departure:

1. Complete and Submit a **School Sponsorship Request Form** - including all travel destinations and side trips while abroad.
2. Complete **Pre-Departure Orientation**.
3. Abide by all University requirements, including:
  - a. Register all travel with the University's international travel assistance services – International SOS (ISOS).
  - b. Maintain a health insurance policy that will also provide coverage outside the U.S. for routine, urgent, and emergent care (such as the Columbia Student Health Insurance Plan).
4. Complete the **Assumption of Risk, Waiver and Release Form**, which must be signed by the undergraduate.

5. Complete or adhere to any additional safety protocol measures recommended by the Undergraduate Travel Review Committee.

Undergraduates are expected to begin the application for School Sponsorship **as soon as an opportunity that would require international travel has been secured, and submit a completed application no later than 4 weeks prior to departure.**

Once School Sponsorship is approved and issued, undergraduates may continue their work with a sponsoring unit/program to begin/continue their preparation for a specific Columbia-Led, Columbia-Facilitated and/or Recognized travel program.

Undergraduates are required to immediately notify the Undergraduate Travel Review Committee should any changes to their location occur during the duration of their travel so their School Sponsorship file may be updated.

The undergraduate schools reserve the right to revoke sponsorship, support and funding if any step of the School Sponsorship process is not completed or acknowledged prior to departure and/or if the Undergraduate Travel Review Committee determines after review that the travel would be imprudent, based on assessment of the risk variables involved and/or the particular facts of the application. The purchase of travel protection insurance is strongly recommended to potentially mitigate financial loss in case of trip cancellation or interruption.

If a country or region is placed on the medium, high, or extreme risk list during travel, the Undergraduate Travel Review Committee will assess the risks of remaining in or departure from the country or region. Undergraduates will be advised of the risks and, if necessary, provided a recommended course of action. The undergraduate schools reserve the right to revoke sponsorship, support and funding should the undergraduate not follow the recommendations of the Undergraduate Travel Review Committee (UTRC).

The full Undergraduate International Travel Policy can be found on the UTRC website: [www.cc-seas.columbia.edu/travelpolicy/policy](http://www.cc-seas.columbia.edu/travelpolicy/policy).

## VETERANS BENEFITS AND TRANSITION ACT OF 2018

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent nor delay the student's enrollment;
- Assess a late penalty fee to the student;



- Require the student to secure alternative or additional funding;
- Deny the student access to any resources available to other students who have satisfied their tuition and fee bills to the institution, including but not limited to access to classes, libraries, or other institutional facilities.

However, to qualify for this provision, such students may be required to:

- Produce the Certificate of Eligibility by the first day of class;
- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies.

# DEPARTMENTS, PROGRAMS, AND COURSES

This section contains a description of the curriculum of each department in the College, along with information regarding degree requirements for majors and concentrators, including course descriptions, registration information, elective courses, and suggestions about courses and programs in related fields.

Columbia College students should use the school Bulletin for academic planning purposes, as not all courses listed on the University-wide *Directory of Classes* and *Vergil* are open to Columbia College students.

The College reserves the right to withdraw or modify the courses of instruction or to change the instructors at any time.

- [African American and African Diaspora Studies](#) (p. 181)
- [American Studies](#) (p. 178)
- [Ancient Studies](#) (p. 184)
- [Anthropology](#) (p. 188)
- [Archaeology](#) (p. 191)
- [Architecture](#) (p. 196)
- [Art History and Archaeology](#) (p. 204)
- [Astronomy](#) (p. 211)
- [Biological Sciences](#) (p. 215)
- [Business](#) (p. 226)
- [Chemistry](#) (p. 229)
- [Classics](#) (p. 238)
- [Cognitive Science](#) (p. 248)
- [Comparative Literature and Society](#) (p. 254)
- [Computer Science](#) (p. 260)
- [Creative Writing](#) (p. 268)
- [Dance](#) (p. 271)
- [Drama and Theatre Arts](#) (p. 275)
- [Earth and Environmental Sciences](#) (p. 283)
- [East Asian Languages and Cultures](#) (p. 296)
- [Ecology, Evolution, and Environmental Biology](#) (p. 301)
- [Economics](#) (p. 309)
- [Education](#) (p. 322)
- [English and Comparative Literature](#) (p. 327)
- [Ethnicity and Race Studies](#) (p. 332)
- [Film and Media Studies](#) (p. 336)
- [French](#) (p. 339)
- [Germanic Languages](#) (p. 345)
- [History](#) (p. 356)
- [Human Rights](#) (p. 363)
- [Italian](#) (p. 367)
- [Jazz Studies](#) (p. 375)
- [Jewish Studies](#) (p. 377)
- [Language Resource Center](#) (p. 380)
- [Latin American and Caribbean Studies](#) (p. 381)
- [Latin American and Iberian Cultures](#) (p. 385)
- [Linguistics](#) (p. 391)
- [Mathematics](#) (p. 397)
- [Medieval and Renaissance Studies](#) (p. 410)
- [Middle Eastern, South Asian, and African Studies](#) (p. 412)
- [Music](#) (p. 416)
- [Philosophy](#) (p. 422)
- [Physical Education and Intercollegiate Athletics](#) (p. 428)
- [Physics](#) (p. 430)
- [Political Science](#) (p. 435)
- [Psychology](#) (p. 445)
- [Public Health](#) (p. 457)
- [Regional Studies](#) (p. 460)
- [Religion](#) (p. 461)
- [Science and Society](#) (p. 362)
- [Slavic Languages](#) (p. 464)
- [Sociology](#) (p. 471)
- [Statistics](#) (p. 473)
- [Sustainable Development](#) (p. 481)
- [Urban Studies](#) (p. 492)
- [Visual Arts](#) (p. 495)
- [Women's and Gender Studies](#) (p. 499)

# AMERICAN STUDIES

## AMERICAN STUDIES DEPARTMENT:

Department website: <https://americanstudies.columbia.edu/>

Office location: 319-321 Hamilton; 212-854-6698

Office contact: 212-854-6698, [amerianstudies@columbia.edu](mailto:amerianstudies@columbia.edu)

Director: Prof. Hilary Hallett, 319 Hamilton; 212-854-6698; [hah2117@columbia.edu](mailto:hah2117@columbia.edu)

Assistant Director: Michael Gately, 319 Hamilton; 212-854-6544; [mg3898@columbia.edu](mailto:mg3898@columbia.edu)

Associate Director: Robert Amdur, 311 Hamilton; 212-854-4049; [rla2@columbia.edu](mailto:rla2@columbia.edu)

Administrative Assistant: Arelis Herrera, 319 Hamilton; 212-854-6698; [ah3115@columbia.edu](mailto:ah3115@columbia.edu)

## THE STUDY OF AMERICAN STUDIES

The Center for American Studies offers students the opportunity to explore the experiences 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 Center views civic education as its primary mission, sponsoring seminars and public programs that enhance students' understanding of the fundamental ideas and vocabulary of public discourse in American culture, history, and politics. The Center is the institutional home of the American Studies program, which offers an interdisciplinary, seminar-based curriculum designed to be open and flexible while preparing students for a life of active citizenship.

## STUDENT ADVISING

Each American Studies major or concentrator chooses an academic adviser who monitors their progress through graduation. Students work with advisors to develop programs tailored to their particular interests. Advisors approve Plan of Study forms and provide general guidance regarding the major and concentration. Each student is expected to meet with an advisor at least once a semester.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Senior Research Project

The final requirement for the major in American Studies is completion of a senior essay, to be submitted in the spring of senior year.

Alternatively, students may fulfill this requirement by taking an additional seminar in which a major paper is required or by writing an independent essay under the supervision of a faculty member. Seniors who wish to do a senior research project are

required to take the Senior Project Colloquium the fall of the senior year.

## DEPARTMENT HONORS AND PRIZES

### Department 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.

### Academic Prizes

- Best Senior Thesis in American Studies
- Shenton Award; Outstanding Community Service

## SEMINAR FACULTY

- Hilary A. Hallett
- Roosevelt Montás
- Casey N. Blake
- Lynne Breslin
- Ryan Carr
- Jeremy A. Dauber
- Andrew Delbanco
- Michael Hindus
- Roger Lehecka
- Paul Levitz
- Mark Lilla
- Thai S. Jones
- John H. McWhorter
- Valerie Paley
- Robert Pollack
- Ross Posnock
- Cathleen Price
- Benjamin Rosenberg
- James Shapiro
- Maura Spiegel

### Affiliated Faculty

- Rachel Adams (English and Comparative Literature)
- Robert Amdur (Political Science)
- Courtney Bender (Religion)
- George A. Chauncey (History)
- Racquel Gates (Film and Media Studies)
- Farah Jasmine Griffin (English and Comparative Literature)
- Frank A. Guridy (History)
- Richard R. John (Journalism)
- Ira I. Katznelson (Political Science and History)
- Rebecca A. Kobrin (History)
- Michele M. Moody-Adams (Philosophy)

- Mae Ngai (Asian American Studies and History)
- Ross Posnock (English and Comparative Literature; American Studies)
- Shana L. Redmond (English and Comparative Literature)
- James Shapiro (English and Comparative Literature)
- Michael J. Witgen (History)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students may choose American Studies as an undergraduate major or a concentration. A minimum of 9 courses is required to complete the major, 7 courses to complete the concentration. Coursework for both consists of a combination of required courses (see degree requirements below) and an individualized program of study.

Although students generally declare their major or concentration in the spring of their sophomore year, you may want to take electives early on in areas that interest you but that will later connect with the American Studies major.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in American Studies

A minimum of nine courses is required to complete the major. Please note that as of January 2018 Major requirements have changed, beginning with the Class of 2020. Please consult with the department if there are any questions.

#### Two American Studies Core courses.

The following two courses are ordinarily required:

AMST UN1010	INTRO TO AMERICAN STUDIES
HIST UN2478	US INTELLECTUAL HIST 1865-PRES
or AMST UN3930	Topics in American Studies

Please note, the AMST UN3930 section MUST be Freedom and Citizenship in the U.S. to count towards the core course requirement

#### Two seminars in American Studies

AMST UN3930	Topics in American Studies
AMST UN3931	Topics in American Studies

#### Additional Courses

Four courses drawn from at least two departments, one of which must be in History and one of which must deal primarily with some aspect of American experience before 1900. (A course in U.S. History before 1900 would fulfill both requirements.)

#### Senior Research Project

The final requirement for the major in American Studies is completion of a senior essay, to be submitted in the spring of senior year. Alternatively, students may fulfill this requirement by taking an additional seminar in which a major paper is required or by writing an independent essay under the supervision of a faculty member. Seniors who wish to do a senior research project are required to take the Senior Project Colloquium AMST UN3920 in the fall of the senior year.

### Minor in American Studies

A minimum of five courses is required to complete the minor. Minors will be required to take the core introductory course required for Majors, one American Studies seminar, and three additional courses:

#### One American Studies Core course

Minors are required to take the core lecture course  
AMST UN1010 INTRO TO AMERICAN STUDIES

This course is an interdisciplinary exploration of the values and cultural expressions of the people of the United States from the Puritans to our own time. Students will examine a variety of works in literature, history, and cultural criticism, with an eye to understanding how Americans of different backgrounds, living at different times and in different locations, have understood and argued about the meaning and significance of American national identity. Lectures and readings will give particular attention to the sites—real and imagined—where Americans have identified the promise and perils of American life. Two lectures each week and a required weekly discussion section.

#### One seminar in American Studies

Chosen from among the 3000-level AMST seminars. Normally, eight or nine seminars are offered each semester.

Recent offerings include:

The Supreme Court in American History  
Shakespeare in America  
American Jewish Literature  
Freedom and Citizenship in the United States  
Douglass and Lincoln  
Gender History and American Film  
American Cultural Criticism  
Immigrant New York  
The Problem of Class in American Literature and Culture  
A Tale of Two Cities: New York, San Francisco, and Urban Identity  
Tocqueville: The American Mind  
Race, Poverty, and American Criminal Justice  
Equity in Higher Education  
Museums, Memory, and American Public Culture  
Hollywood's Cinema of the 1970s  
Languages of America  
The Graphic Novel (AMST UN 3933)  
Journalism and Democracy: The 2024 Election (AMST UN3937)



### Additional Courses

In addition to the introductory course and one American Studies seminar, every Minor is required to take three additional courses on American history, culture, or politics. As with our Majors, these courses can be drawn from a wide range of departments. All courses must be approved by the student's American Studies advisor. A representative list includes:

AFAS UN1001, Introduction to African American Studies  
 CSER UN3940, Comparative Study of Constitutional Challenges  
 ENGL UN2826, American Modernism  
 ENGL BC3180, American Literature, 1800-1870  
 ENGL BC3183, American Literature Since 1945  
 ENGL UN3241, African American Literature: The Essay  
 ENGL UN3351, The Family in Film and Memoir  
 ENGL UN3832, New York Intellectuals  
 HIST UN1488, Indigenous History of North America  
 HIST UN1512, The Battle for North America  
 HIST UN2432, U.S. Era of Civil War and Reconstruction  
 HIST UN2523, Health Inequality: Modern U.S.  
 HIST UN2533, U.S. Lesbian and Gay History  
 HIST UN2535, History of the City of New York  
 HIST UN2540, History of the South  
 HIST UN2565, American History at the Movies  
 HIST UN2587, Sports and Society in the Americas  
 HIST UN2679, The Atlantic Slave Trade  
 HIST UN3501, Indians and Empires in North America  
 HIST GU4518, Columbia University and Slavery  
 HIST GU4933, American Radicalism in the Archives  
 POLS UN1201, Introduction to American Politics  
 POLS UN3100, Justice  
 POLS UN3213, American Urban Politics  
 POLS UN3222, The American Congress  
 POLS UN3255, Race and the U.S. Carceral System  
 POLS UN3290, Voting and American Politics  
 RELI UN1612, Religion and the History of Hip Hop  
 RELI GU4217, American Religions in Extremis  
 SOCI UN3265, The Sociology of Work and Gender

HIST UN2478

US INTELLECTUAL HIST 1865-PRES

or AMST UN3930

Topics in American Studies

Please note, the AMST UN3930 section MUST be Freedom and Citizenship in the U.S. to count towards the core course requirement

### Additional Courses

Select five additional courses drawn from at least two departments, one of which must be in History, and one of which must deal with the period before 1900.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in American Studies

A minimum of 7 courses is required to complete the concentration. Please consult with the department if there are any questions.

#### Two American Studies Core courses.

The following are ordinarily required:

AMST UN1010      INTRO TO AMERICAN STUDIES

# AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES

## THE AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES DEPARTMENT:

**African American and African Diaspora Studies:** 758  
Schermerhorn Extension; 212-854-7080; [https://  
afamstudies.columbia.edu/](https://afamstudies.columbia.edu/)

**Chair, African American and African Diaspora  
Studies:** Professor Mabel O. Wilson, [mow6@columbia.edu](mailto:mow6@columbia.edu)

**Director of Undergraduate Studies:** Professor Farah Jasmine  
Griffin; [fjg8@columbia.edu](mailto:fjg8@columbia.edu)

**Director of Academic Administration and Finance:** Shawn  
Mendoza; [s.mendoza@columbia.edu](mailto:s.mendoza@columbia.edu) ([sm322@columbia.edu](mailto:sm322@columbia.edu))

**Administrative Assistant:** Sharon  
Harris; [sh2004@columbia.edu](mailto:sh2004@columbia.edu)

## THE STUDY OF AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES

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 Courses examine the cultural character of the African diaspora; its social institutions and political movements; its diversity in thought, belief systems, and spiritual expressions; and the factors behind the continuing burden of racial inequality. During their junior and senior years of study, students focus their research within a specific discipline or regional study relevant to the African diaspora.

Students should consider a major in African American and African Diaspora studies if they are interested in careers where strong liberal arts preparation is needed, such as fields in the business, social service, or government sectors. Depending on one's area of focus within the major, the African American and African Diaspora studies program can also prepare individuals for career fields like journalism, politics, public relations, and other lines of work that involve investigative skills and working with diverse groups. A major in African American and African Diaspora studies can also train students in graduate research skills and methods, such as archival research, and is very useful for individuals who are considering an advanced graduate degree such as the Ph.D.

## DEPARTMENTAL HONORS

The requirements for departmental honors in African American and African Diaspora studies are as follows:

1. All requirements for major must be completed by graduation date;
2. Minimum GPA of 3.6 in the major;
3. Completion of senior thesis—due to the director of undergraduate studies on the first Monday in April.

A successful thesis for departmental honors must be selected as the most outstanding paper of all papers reviewed by the thesis committee in a particular year. The Thesis Evaluation Committee is comprised of department faculty and led by the director of undergraduate studies. The thesis should be of superior quality, clearly demonstrating originality and excellent scholarship, as determined by the committee. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

## THE AFRICAN AMERICAN AND AFRICAN DIASPORA STUDIES DEPARTMENT THESIS

Although the senior thesis is a prerequisite for consideration for departmental honors, all African American and African Diaspora studies majors are strongly encouraged to consider undertaking thesis work even if they are ineligible or do not wish to be considered for departmental honors. The senior thesis gives undergraduate majors the opportunity to engage in rigorous, independent, and original research on a specific topic of their choosing, the result of which is a paper of 35-60 pages in length.

The senior thesis must be written under the supervision of at least one faculty member. Should the thesis writer elect to have more than one thesis adviser (either from the outset or added on during the early stages of research), these faculty in the aggregate comprise the Thesis Committee, of which one faculty member must be designated chair. In either case, it is incumbent upon the thesis writer to establish with the thesis chair and committee a reasonable schedule of deadlines for submission of outlines, chapters, bibliographies, drafts, etc.

In many cases, thesis writers may find that the most optimal way in which to complete a thesis is to formally enroll in an AFAS independent study course with their thesis adviser as the instructor. **All third year students interested in writing a thesis should notify the director of undergraduate studies and submit the name of the faculty adviser ideally by October 1, but certainly no later than the end of the fall semester of their junior year.** In close consultation with the thesis adviser, students develop a viable topic, schedule of meetings, bibliography, and timeline for completion (including schedule of drafts and outlines).

## DEPARTMENTAL PRIZES

### **Ralph Johnson Bunche Award for Leadership and Service**

The Bunche Award recognizes an undergraduate who has demonstrated a tremendous capacity for leadership and provided distinguished service to the Institute for Research in African American Studies.

The award is named in honor of Ralph Johnson Bunche (1901-1971), the highest American official in the United Nations. For his conduct of negotiations leading to an armistice in the First Arab-Israeli War, he received the Nobel Peace Prize in 1950; he was the first African American recipient of this honor.

### **Ella Baker Award for Outstanding Academic Achievement**

The Ella Baker Prize is awarded annually to an undergraduate who has demonstrated academic excellence, intellectual commitment to the field of African American Studies and who has written a thesis that advances our understanding of the African American experience.

The award is named for the brilliant activist, organizer, leader and Harlem resident, Ella Baker. Baker served as a field secretary for the NAACP before organizing the Southern Christian Leadership Conference under the leadership of Dr. Martin Luther King. Following her departure from SCLC she helped student activists organize the Student Non-violent Coordinating Committee. She would serve as an important mentor to these young people throughout the rest of her life.

## SENIOR FACULTY

Jafari Allen (African American and African Diaspora Studies)  
Edwidge Danticat (African American and African Diaspora Studies)

Farah J. Griffin (English and Comparative Literature)

Frank Guridy (History)

Kellie E. Jones (Art History and Archaeology)

Samuel K. Roberts (History)

Josef Sorett (Religion)

Brandi T. Summers (African American and African Diaspora Studies)

Mabel O. Wilson (Architecture, Planning and Preservation)

### **Junior Faculty**

Nyle Fort (African American and African Diaspora Studies)

Rachel Grace Newman (African American and African Diaspora Studies)

## RESEARCH FELLOWS

Vanessa Argard-Jones (Anthropology)

Fredrick C. Harris (Political Science)

Racquel Gates (School of the Arts)

Carl Hart (Psychology)

Obery Hendricks (Religion/African-American Studies)

David Knight (Sociology)

Colin Wayne Leach (Psychology and Africana Studies, Barnard College)

Natasha Lightfoot (History)

Mignon Moore (Sociology - Barnard)

Robert O'Meally (English and Comparative Literature)

Kimberly Springer (Rare Book & Manuscript Library Columbia University)

## AFFILIATED FACULTY

Belinda Archibong (Economics)

Christopher Brown (History)

Maguette Camara (Dance - Barnard)

Mamadou Diouf (Middle Eastern, South Asian, and African Studies)

Ann Douglas (English and Comparative Literature)

Barbara Fields (History)

Saidiya Hartman (English and Comparative Literature)

Ousmane Kane (School of International and Public Affairs)

Rashid Khalidid (History)

George E. Lewis (Music)

Mahmood Mamdani (Anthropology)

Gregory Mann (History)

David Scott (Anthropology)

Susan Strum (Law School)

## IN MEMORIAM

Marcellus Blount

Steven Gregory

Manning Marable, founder of IRAAS

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### **Governed Electives**

The "governed electives" category must include courses from at least three different departments, providing an interdisciplinary background in the field of African-American Studies. (Note: you cannot count one of your governed electives within your designated area of study).

### **Designated Area of Study**

A Designated Area of Study, preferably within a distinct discipline (for example, history, politics, sociology, literature, anthropology, psychology, etc.). Students may also select courses within a particular geographical area or region or an interdisciplinary field of study.

Any of the departmental disciplines (history, political science; sociology, anthropology, literature, art history; psychology, religion, music, etc.)

Any of the pertinent area studies (African Studies; Caribbean/Latin American; Gender Studies; etc.).

Please note that the major/concentrator is not allowed to "create" or "make up" a designated area of study without the direct

approval of the Director of Undergraduate Studies, and that such approval must be sought before the student has embarked on the course of designated area of study, and that such approval will be granted only in very rare and exceptional cases. Under no circumstances should the major/concentrator hope to take a series of courses only later to “create” a Designated Area of Study around these courses.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in African American and African Diaspora Studies

A minimum of twenty-seven (27) points is required for the completion of the major. The major should be arranged in consultation with the director of undergraduate studies. Students interested in majoring should plan their course of study no later than the end of their sophomore year.

#### Core Requirements

All majors must complete to satisfaction the core required courses. The core requirements are:

- (1) Introduction to African-American Studies - 4 Points
- (2) Major Debates in African-American Studies - 4 Points
- (3) Governed Elective - 4 Points
- (4) Governed Elective - 4 Points
- (5) Senior Seminar - 4 Points
- (6) Designated Area of Study Course (DAS) - 3 Points
- (7) DAS or Senior Pro Seminar - 4 Points

### Minor in African American and African Diaspora Studies

The minor in African American and African Diaspora Studies requires five courses for 16-20 points.

Students are required to complete:

- (1) Introduction to African-American Studies - 4 Points
- (2) Social Science Elective
- (3) Humanities Elective
- (4) Designated Area of Study Course (DAS)
- (5) Designated Area of Study Course (DAS)

Students should consult with the DUS for assistance in designing their minor as soon as they declare. Introduction to African American Studies should be taken as early as possible since it provides the basic foundation for both the major and minor and introduces other areas of study; some students will have taken it prior to declaring the minor. The Social Science and Humanities electives are designed to give students a sense of interdisciplinary breadth. The designated area of study courses will give them the intellectual depth in a subfield, subject or geographic area and many be taken as they advance in the minor.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in African American and African Diaspora Studies

A minimum nineteen (19) points is required for the completion of the concentration.

#### Core Requirements

All concentrators must complete to satisfaction the core required courses. The core requirements are:

- (1) Introduction to African-American Studies - 4 Points
- (2) Governed Elective - 4 Points
- (3) Governed Elective - 4 Points
- (4) Senior Seminar - 4 Points
- (5) Designated Area of Study Course (DAS) - 3-4 Points



# ANCIENT STUDIES

## THE DEPARTMENT OF CLASSICS:

Department website: <https://classics.columbia.edu/>

Office location: 617 Hamilton Hall

Office contact: 212-854-3902, [classics@columbia.edu](mailto:classics@columbia.edu)  
[videogameugrad@columbia.edu](mailto:videogameugrad@columbia.edu)

Director of Undergraduate Studies: Professor Nikolas Kakkoufa,  
[Nk2776@columbia.edu](mailto:Nk2776@columbia.edu)

Undergraduate Administrator: Colleen Swift,  
[cks2142@columbia.edu](mailto:cks2142@columbia.edu)

## THE STUDY OF ANCIENT STUDIES

The Interdisciplinary Program in Ancient Studies is administered by Classics

Classics is the study of the civilizations of ancient Greece and Rome (c. 900 BCE to 500 CE): their languages, literature, history, philosophy, art, and ways of life. 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.

## STUDENT ADVISING

### Consulting Advisers

Students should consult with the DUS who will direct them to the appropriate faculty advisor for their research interest area.

Director of Undergraduate Studies: Professor Nikolas Kakkoufa, [Nk2776@columbia.edu](mailto:Nk2776@columbia.edu)

### Enrolling in Classes

Students starting in the Major should start with the language placement exam to determine the appropriate language level for their prior knowledge. Exams are administered in late August by the Department of Classics. Students who cannot take the exam should contact the Director of Undergraduate Studies to make arrangements.

For those students who are starting the major without prior knowledge of the ancient languages please start at the beginning

of the sequence (1000 level) in one of the ancient languages and speak to the Director of Undergraduate Studies to determine your best course of study.

## Preparing for Graduate Study

<https://classics.columbia.edu/preparation-for-graduate-study>

Students who are considering graduate work in Classics should be aware that because our Classics major is not a pre-professional degree, simply fulfilling the normal major requirements will not guarantee admission to a graduate program. By far the most important element in preparation for graduate school admission is a good command of both the Latin and the Greek languages, so students who wish to go to graduate school should attempt to reach the advanced level in both languages. The two courses at the intermediate level required in the secondary language for the Classics major are not enough for admission to most graduate programs, and the language requirements of both Classical Studies and Ancient Studies are well below the level normally necessary for graduate school admission. The importance of languages holds not only for students wishing to study ancient literature, but also for those interested primarily in other aspects of the ancient world (history, art, philosophy, religion, etc.), because it is not possible to pursue advanced research successfully unless one can make use of the primary sources. Students who have not done the requisite amount of language work and wish to go to graduate school can enroll in a post-baccalaureate program (either at Columbia or at another institution) to do one or two years of intensive language work before starting graduate school.

While knowledge of Latin and Greek is the most important factor in graduate school admission, it is by no means the only one. Students considering graduate work are also advised to write a senior thesis (and not to substitute the thesis for any of the other advanced courses). If possible, it is a good idea to use some of your summers (especially the one between junior and senior year) on a relevant activity such as archaeological fieldwork experience, travel and/or study in Greece or Italy, learning French or German, improving your Latin or Greek, or working as a research assistant for a Classicist. It is also useful to get high scores on the GRE test, and these are best achieved by obtaining and studying information on the types of questions asked on the test and taking practice tests.

The department does offer a combined BA/MA program in Classics allowing them to complete the MA in Classics within one year of receiving their BA.

The array of graduate degrees on offer in the US and abroad can be bewildering—including master's and doctoral programs in Classics and a variety of related subjects—and the character and quality of graduate programs differs widely. It is therefore important to gather information and seek advice.

If you are considering graduate work, you should discuss your plans with the Director of Undergraduate Studies and other faculty members no later than the beginning of the fall semester

before you hope to apply (i.e., typically the fall of your senior year).

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### 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.

### Barnard College Courses

The Department of Classics at Columbia and the Department of Classics and Ancient Studies at Barnard College work closely together. Students may take courses at Barnard to count towards the Major or Minor. Students at Barnard should speak to their advisor at Barnard regarding Columbia courses as the departments are distinct and the requirements for their respective majors are different.

### Transfer Courses

Students transferring to Columbia should contact the Director of Undergraduate Studies to discuss equivalencies and what level of courses they wish to take.

### Study Abroad Courses

Seeing the ancient sites and monuments is an important part of the study of antiquity, and there are a number of ways to acquire some familiarity with the physical remains of Greek and Roman civilization. The Intercollegiate Center for Classical Studies in Rome offers in each term an excellent one-semester program, usually taken in the junior year, and the College Year in Athens offers a wide variety of courses ranging from language and literature to history, art, and archaeology. During the summer there are more options, including the outstanding Summer Sessions of the American School for Classical Studies in Athens. A listing of fieldwork opportunities is published annually by the Archaeological Institute of America.

### Summer Courses

Courses are offered over the summer by the department providing opportunities to study the ancient languages over the summer.

Courses are also offered in Classical Civilization including Worlds of Alexander and Classical Mythology.

## CORE CURRICULUM CONNECTIONS

Faulty and Graduate Instructors from the Department of Classics Teach in the Core, usually Literature Humanities and Contemporary Civilization.

Some Classics courses can be used to count toward the Global Core requirement as noted in the course information.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

Students should consult with the Director of Undergraduate Studies, Professor Nikolas Kakkoufa at [nk2776@columbia.edu](mailto:nk2776@columbia.edu). Students can register for Directed readings with a faculty member

### Senior Thesis Coursework and Requirements

Students are required to take the Major Seminar UN3996 as part of the program. The course focuses on the preparation for the Senior Thesis and methods in the field of Classics. Currently students have the option to participate in a trip abroad to sites in the ancient world.

### Undergraduate Research Outside of Courses

Students are encouraged to participate in the Ancient Play put on yearly by the Barnard Columbia Ancient Drama Group.

Columbia runs its own archeological summer program at Hadrian's Villa in Tivoli. Contact Professor Francesco de Angelis.

Students wanting Columbia or Barnard credit for work done abroad should discuss their plans with the director of undergraduate studies at an early date to enable them to incorporate experience abroad most practically into their programs here.

The Department is able to support a limited number of students to study ancient languages over the summer through the Comager Fund and the Undergraduate Latin fund. Interested students should contact the Director of Undergraduate Studies.

Undergraduate students can apply to the SNFPHI Summer Research Internship in Public Humanities and Hellenic Studies. This six week internship invites undergraduate students to explore public humanities, gain hands-on experience with its objectives, methods, and outcomes, and pursue a group project that connects research on Greece with a broad public audience. The internship is structured around: (1) a seminar in Hellenic Studies in which students explore aspects of modern Greek history and culture relevant to their internship research, (2) a workshop in which students are trained in the methods and tools of public-facing research, and (3) a group project in which students work closely with Columbia faculty and public humanities partners in Greece

## DEPARTMENT HONORS AND PRIZES

### Department Honors

Departmental Honors are awarded for overall outstanding performance in the Classics.

### Academic Prizes

The department offers two prize competitions yearly (Earle and Romaine) in sight translation of Greek and Latin. These prizes are awarded on the basis of examinations given each spring.

Two prizes are given to graduating Columbia College seniors:

- The Caverly Prize is awarded annually for outstanding performance by a graduating Columbia College major.
- The Stadler Prize is 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.

## OTHER IMPORTANT INFORMATION

Students interested in majoring in Ancient Studies should reach out to the Department early in their academic career. Students should contact the Director of Undergraduate Studies with any questions.

Students participating in dual degree programs should contact the Director of Undergraduate Studies.

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

The Classics department also participates in the interdepartmental Ancient Studies major, which is designed for students whose interests encompass the ancient Mediterranean as a whole rather than the Greco-Roman world in particular.

### Course Numbering Structure

In both Greek and Latin prerequisites are the course with the number before in the sequence. Students can test out of the prerequisite with a placement test or through the Director of Undergraduate Studies.

In both languages the sequence is as follows:

1101: Elementary I

1102: Elementary II

1121: Intensive Elementary

2101: Intermediate I

2102: Intermediate II

For 2101 Either 1102 or 1121 is required as a prerequisite or a placement test.

### Guidance for First-Year Students

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.

### Guidance for Transfer Students

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.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in Ancient Studies

The major in ancient studies requires 12 courses (a minimum of 36 points), two of which must be:

#### Major Seminar

ANCS UN3996	THE MAJOR SEMINAR
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#### Senior Thesis

ANCS UN3998	DIRCTD RSRCH-ANCIENT STUDIES I
-------------	--------------------------------

The selected program of study for the major must collectively satisfy the following criteria:

#### Language Study \*

Select two courses of an ancient language at or above the intermediate level, i.e., 1200-level or above.

#### Fundamental Breadth \*\*

Select two introductory courses on some aspect of the ancient Mediterranean. Some examples include:

HIST UN1010	ANCIENT GREEK HIST, 800-146 BC
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AHIS UN3248	Greek Art and Architecture
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AHIS UN3250	Roman Art and Architecture
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PHIL UN2101	HISTORY OF PHILOSOPHY I
-------------	-------------------------

CLLT UN3132	Classical Myth
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#### Advanced Study

Select two advanced courses on the ancient Mediterranean, typically at the 3000- or 4000-level.

### **Cultural Concentration**

Select four courses on the culture of the language chosen, including one history course.

\* The minimum language requirement must be completed by the end of the first semester of the student's senior year, so that the student is equipped to use sources in the original language in their thesis. Students are strongly urged to begin study of an ancient language as soon as possible and to complete more than the minimum requirements, since the best way to gain an understanding of a culture is through the actual words of its people. Those considering graduate work on the ancient world should also be aware that most graduate schools require more than two years of undergraduate language training for admission.

The language offered in fulfillment of this requirement should generally match the student's area of cultural concentration; special arrangements are available with other universities for students whose cultural concentration require languages not normally taught at Columbia.

Students entering with expertise in their chosen languages are placed in advanced courses as appropriate but are still required to complete at least two semesters of language courses at Columbia; exceptions to this policy may be made in the case of languages not normally taught at Columbia. Language courses at the 1100-level may not be counted toward the major. Language courses, including those at the 1100-level, must be taken for a letter grade.

\*\*Relevant introductory courses are offered by the Department of Classics or from offerings in the Programs or Departments of Ancient Studies, Art History and Archaeology, History, Philosophy, or Religion. Students should confirm a course's relevance with the director of undergraduate studies as soon as possible.



# ANTHROPOLOGY

## THE ANTHROPOLOGY DEPARTMENT:

Departmental Office: 452 Schermerhorn; 212-854-4552

<https://anthropology.columbia.edu/>

Director of Undergraduate Studies:

Fall 2024:

Professor Naor Ben-Yehoyada; 462 Schermerhorn Extension;  
212 854-8936; [nhb2115@columbia.edu](mailto:nhb2115@columbia.edu);

Spring 2025:

Professor María José de Abreu; 957 Schermerhorn Extension;  
212-854-4752; [md3605@columbia.edu](mailto:md3605@columbia.edu)

Departmental Consultants (Archaeology):  
Professor Hannah Chazin; 964 Schermerhorn Extension;  
212-854-746; [hc2986@columbia.edu](mailto:hc2986@columbia.edu)

## THE STUDY OF ANTHROPOLOGY

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 expansiveness of thought and independence of intellectual pursuit.

Cross-cultural interpretation, global socio-political considerations, a markedly interdisciplinary approach, and a willingness to think otherwise have formed the spirit of anthropology at Columbia. Boas himself wrote widely on pre-modern cultures and modern assumptions, on language, race, art, dance, religion, politics, and much else, as did his remarkable graduate students including, Ruth Benedict, Zora Neal Hurston, Edward Sapir, Manuel Gamio, Alfred Kroeber, Ella Deloria and Margaret Mead, among others.

In these current times of increasing global awareness, a spirit of mindful interconnectedness guides the department. Professors of anthropology at Columbia today write widely on colonialism and postcolonialism; on matters of gender, theories of history, knowledge, and power; on language, law, magic, mass-mediated cultures, modernity, and flows of capital and desire; on nationalism, ethnic imaginations, and political contestations; on material cultures and environmental conditions; on ritual, performance, and the arts; and on semiotics, linguistics, symbolism, and questions of representation. Additionally, they write across worlds of similarities and differences concerning the Middle East, China, Africa, the Caribbean, Japan, Latin America, South Asia, Europe, Southeast Asia, North America, and other increasingly transnational and technologically virtual conditions of being.

The Department of Anthropology traditionally offered courses and majors in three main areas: sociocultural anthropology, archaeology, and biological/physical anthropology. While the sociocultural anthropology program now comprises the largest part of the department and accounts for the majority of faculty and course offerings, archaeology is also a vibrant program within anthropology whose interests overlap significantly with those of sociocultural anthropology. Biological/physical anthropology has shifted its program to the Department of Ecology, Evolution, and Environmental Biology. The Anthropology Department enthusiastically encourages cross-disciplinary dialogue across disciplines as well as participation in study abroad programs.

### Sociocultural Anthropology

At the heart of sociocultural anthropology is an exploration of the possibilities of difference and the craft of writing. Sociocultural anthropology at Columbia has emerged as a compelling undergraduate liberal arts major. Recently, the number of majors in sociocultural anthropology has more than tripled.

Students come to sociocultural anthropology with a wide variety of interests, often pursuing overlapping interests in, for example, performance, religion, writing, law, ethnicity, mass-media, teaching, language, literature, history, human rights, art, linguistics, environment, medicine, film, and many other fields, including geographical areas of interest and engagement. Such interests can be brought together into provocative and productive conversation with a major or concentration in sociocultural anthropology. The requirements for a major in sociocultural anthropology reflect this intellectual expansiveness and interdisciplinary spirit.

### Archaeology

Archaeologists study the ways in which human relations are mediated through material conditions, both past and present. Particular emphases in the program include the development of ancient states and empires, especially in the indigenous Americas; the impact of colonial encounters on communities in the American Southwest, the Levant and Africa; and human-animal relations in prehistory, religion and ritual, and the archaeology of the dead.

Themes in our teaching include the political, economic, social, and ideological foundations of complex societies; and archaeological theory and its relationship to broader debates in social theory, technology studies, and philosophy. Faculty members also teach and research on questions of museum representations, archaeological knowledge practices, and the socio-politics of archaeology. The program includes the possibility of student internships in New York City museums and archaeological fieldwork in the Americas and elsewhere.

In addition to the Major/Minor in Archaeology within the Anthropology Department, students can choose the interdisciplinary Major/Minor in Archaeology. All students

with interests in archaeology are invited to sign up to the [undergraduate archaeology list serv](#) and are welcome to events organized by the Center for Archaeology.

## STUDENT 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.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

## DEPARTMENT HONORS AND PRIZES

Anthropology majors with a minimum GPA of 3.6 in the major who wish to write an honors thesis for departmental honors consideration may enroll in [ANTH UN3999 SENIOR THESIS SEM IN ANTHROPOL](#). Students should have a preliminary concept for their thesis prior to course enrollment. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

## PROFESSORS

Nadia Abu El-Haj (Barnard)  
Lila Abu-Lughod  
Partha Chatterjee, Professor Emeritus of Anthropology  
Myron L. Cohen, Professor Emeritus of Anthropology  
Zoe Crossland  
Terence D'Altroy  
Ralph L. Holloway, Professor Emeritus of Anthropology  
Claudio Lomnitz, Department Chair  
Mahmood Mamdani  
Brinkley Messick  
Rosalind Morris  
Elizabeth Povinelli  
Nan Rothschild (Barnard, *emerita*)  
David Scott  
Lesley A. Sharp (Barnard)  
Michael Taussig, Professor Emeritus of Anthropology  
Paige West (Barnard)

## ASSOCIATE PROFESSORS

Catherine Fennell  
Severin Fowles (Barnard)  
Marilyn Ivy  
Brian Larkin (Barnard)  
John Pemberton  
Audra Simpson

## ASSISTANT PROFESSORS

Vanessa Agard-Jones  
Naor Ben-Yehoyada  
Hannah Rachel Chazin  
Maria Jose de Abreu

## LECTURERS

Brian Boyd  
Ellen Marakowitz

## ADJUNCT RESEARCH SCHOLAR GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### 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.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

No one course is required for all Programs. ANTH 1002 is required for the Major and the Entry-Level Minor, but not for the Advanced Minor.

### Major in Anthropology

*The requirements for this program were modified on January 29, 2016.*

The program of study should be planned as early as possible in consultation with the director of undergraduate studies.

The anthropology major requires 30 points in the Department of Anthropology.

### Sociocultural Focus

Students interested in studying sociocultural anthropology are required to take the following courses:

ANTH UN1002	THE INTERPRETATION OF CULTURE
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ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
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ANTH UN2005	THE ETHNOGRAPHIC IMAGINATION
-------------	------------------------------

### Archaeology Focus

Students interested in studying archaeological anthropology are required to take the following courses:

ANTH UN1002	THE INTERPRETATION OF CULTURE
-------------	-------------------------------

ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
-------------	--------------------------------

ANTH UN2028	THINK LIKE AN ARCHAEOLOGIST
-------------	-----------------------------

NOTE: Students wishing to pursue an interdisciplinary major in archaeology should see the *Archaeology* section of this Bulletin.

### Biological/Physical Focus

Students interested in studying this field should refer to the major in evolutionary biology of the human species in the Department of Ecology, Evolution, and Environmental Biology.

### Minor in Anthropology

The minor in Anthropology allows students to choose between two paths:

ANTH UN1002 THE INTERPRETATION OF CULTURE **OR**  
Two 2000-level courses

In addition: any four (4) courses (or 3 courses, in the case of 2x2000 level) in the Anthropology department, in ethnomusicology, or taught by an Anthropology instructor Columbia or Barnard, regardless of department.

### **OR**

ANTH UN2004 INTRO TO SOC # CULTURAL THEORY **and**

ANTH UN2005 THE ETHNOGRAPHIC IMAGINATION

In addition: any three (3) courses in the Anthropology department, in ethnomusicology, or taught by an Anthropology instructor at Columbia or Barnard, regardless of department.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Anthropology

The anthropology concentration requires 20 points in the Department of Anthropology.

### Sociocultural Focus

Students interested in studying sociocultural anthropology are required to take the following course:

ANTH UN1002	THE INTERPRETATION OF CULTURE
-------------	-------------------------------

### Archaeology Focus

Students interested in studying archaeological anthropology are required to take the following course:

ANTH UN2028	THINK LIKE AN ARCHAEOLOGIST
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### Biological/Physical Focus

Students interested in pursuing study in this field should refer to the concentration in evolutionary biology of the human species in the Department of Ecology, Evolution, and Environmental Biology.

# ARCHAEOLOGY

## THE INTERDEPARTMENTAL MAJOR IN ARCHAEOLOGY

Center website: <https://archaeology.columbia.edu>

Office location: 965 Schermerhorn Extension

Office contact: [archaeology@columbia.edu](mailto:archaeology@columbia.edu)

Director of Undergraduate Studies: Prof. Hannah Chazin,  
[hc2986@columbia.edu](mailto:hc2986@columbia.edu)

Center for Archaeology Administrator: Tiffany Pinnock,  
[tp2837@columbia.edu](mailto:tp2837@columbia.edu)

## THE STUDY OF ARCHAEOLOGY

Archaeology is the study of the material conditions inhabited and acted upon by people in the past and present. As an academic discipline, 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. 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 communities and identities. At Columbia, archaeology is a multidisciplinary field practiced by faculty and students in the humanities, social sciences, and natural sciences.

Archaeology is everywhere! Students and faculty at Columbia have done archaeological fieldwork and research program around the world, including: Argentina, Peru, Central America, the North American Southwest, New York City, upstate New York, the UK, France, Italy, Greece, Turkey, Egypt, Yemen, Israel, Palestine, Armenia, 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.

The inter-departmental major in archaeology is an interdisciplinary program that allows students to take archaeology classes from a wide range of departments at Columbia and Barnard, including Anthropology, Art History, Classics, EALAC, History, EEEB and others. Students can put together a major that reflects their particular interests. This major has a strong focus on lab and field skills, as well as on questions of interpretation and theory.

Interdepartmental Major in Archaeology

Interdepartmental Minor in Archaeology

Interdepartmental Concentration in Archaeology

## STUDENT ADVISING

Director of Undergraduate Studies: Prof. Hannah Chazin,  
[hc2986@columbia.edu](mailto:hc2986@columbia.edu)

## Consulting Advisers

Students should consult with the Director of Undergraduate Studies for Archaeology to discuss the major, minor, or concentration and for help with planning a course of study and selecting classes.

Students interested in archaeology should sign up for the archaeology list-serv, for announcements about courses, events, and summer research opportunities: <https://listserv.cuit.columbia.edu/scripts/wa.exe?SUBED1=ARCY-UND&A=1>

Advising events such as open houses and welcome events, as well as Friday Open Lab hours will be announced on the listserv.

Other information about advising and the major and minor can be found on the CCA's website:

<https://archaeology.columbia.edu/undergraduate/major/>

<https://archaeology.columbia.edu/undergraduate/minor/>

## Enrolling in Classes

Majoring or minoring in archaeology does not require any prerequisite coursework.

Requirements for enrolling in specific archaeology courses will vary by department and instructor.

## Preparing for Graduate Study

Students interested in pursuing graduate study in archaeology or other disciplines that include archaeologists are encouraged to consult with the Director of Undergraduate Studies or other archaeology faculty at Columbia and Barnard.

Requirements and preparation for graduate study in archaeology are discipline-specific and vary between archaeology, art history, anthropology, classics, and other regional studies departments and programs. Some programs of study may require language training and language courses may be counted as part of the "related courses" for the major.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major or minor must be taken at Columbia University unless

explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies of the program. Exceptions or



substitutions permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

## Advanced Placement

Advanced Placement credits are not accepted towards the major or the minor in archaeology.

## Barnard College Courses

Courses taken at Barnard are treated as part of the available curriculum and count towards the major/minor, as long as they meet the relevant criteria to count towards the major/minor.

## Transfer Courses

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated

for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor.

Up to two courses for the major may be fulfilled with transfer credit.

Students are allowed to apply 1 course (up to 4 credits) of transfer coursework to the minor.

For both the major and the minor, students may undertake a fieldwork course (usually done in the summer) that offers credit through another university and that will be counted towards the program of study, separately from any prior transfer courses.

## Study Abroad Courses

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia

instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor, the DUS will need to confirm that they can be used toward requirements in the major/minor.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses. There will be a limit on the number of courses taken abroad that can be applied to the major/minor, and they must be approved by the DUS.

## Summer Courses

Students doing summer field school courses that are affiliated with other universities need to get pre-approval from the Director of Undergraduate Studies. Students will need to provide a syllabus for the course prior to approval and will need to

submit their transcript after completion of the course. See the section on "Transfer Courses" for more detailed information.

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major/minor only as articulated in department/institute/center guidelines or by permission of the Director(s) of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research Courses

The interdepartmental major encourages students to explore the wide-range of field and laboratory methods used by archaeologists. Think like an Archaeologist (UN2028), one of required introductory courses, introduces students to the basics of archaeological research and methods.

Students majoring in archaeological can take a wide range of courses to fulfill the field

Work/internship and laboratory class requirements – and should consult with the Director of Undergraduate Studies about the available courses and individual research interests.

### Senior Thesis Coursework and Requirements

Writing a senior thesis is optional, but recommended for students who are interested in pursuing a graduate degree or who want to be eligible for departmental honors.

Thesis 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 3997 or AHIS 3997–3998), to cover the writing of the thesis, the final draft of which must be submitted by March 25th.

### Undergraduate Research Outside of Courses

Most semesters the Columbia Center for Archaeology runs open lab hours on Fridays, where students can drop in and volunteer on faculty and graduate student research projects. Announcements about the open lab will be circulated on the archaeology listserv: <https://listserv.cuit.columbia.edu/scripts/wa.exe?SUBED1=ARCY-UND&A=1>

Students interested in summer fieldwork opportunities and internships in archaeology should sign up for the archaeology listserv: <https://listserv.cuit.columbia.edu/scripts/wa.exe?SUBED1=ARCY-UND&A=1>

Or visit: <https://archaeology.columbia.edu/undergraduate/fieldwork/>

Information about funding for fieldwork and internships can be found here: <https://archaeology.columbia.edu/resources/funding-opportunities/>

## DEPARTMENTAL HONORS AND PRIZES

### Department Honors

To be considered for departmental honors, majors must:

1. Have grade point average of at least 3.6 in major courses
2. Completed an honors thesis or equivalent project of high quality

### Academic Prizes

The Ralph and Rose Solecki Award is given in honor of the eminent Columbia archaeologists. The Award is given to a student, chosen by the faculty, who has made a significant contribution to the life of the archaeological community at Columbia and/or Barnard in the preceding year. The Solecki award is usually made to a graduating student, but it is open to all students in archaeology regardless of their status.

The award comes with a small sum of money intended for books.

## OTHER IMPORTANT INFORMATION

The Archaeology program at Columbia is housed in the Center for Archaeology and taught by faculty who come from a range of different backgrounds. The interdepartmental major/minor in archaeology was developed as a truly interdisciplinary approach to archaeology, taking advantage of the full scope of archaeological expertise on offer at Columbia University.

In addition, it is also possible to study archaeology as part of majoring in Anthropology or Art History, among other options.

If you are not sure which course of study to choose, make an appointment to talk with the Director of Undergraduate Studies.

## PROFESSORS

Zainab Bahrani  
 Zoë Crossland  
 Francesco de Angelis  
 Terence D'Altroy  
 Severin Fowles (Barnard)  
 Holger Klein  
 Feng Li  
 Kristina Milnor (Barnard)  
 Avinoam Shalem  
 Marc Van De Mierop

## ASSOCIATE PROFESSORS

Erica Avrami  
 Kristina Douglass  
 Ellen Morris (Barnard)  
 Ioannis Mylonopoulos

Lisa Trever  
 Jin Xu

## ASSISTANT PROFESSORS

Hannah Chazin

## ADJUNCT/VISITING PROFESSORS

Marco Mairuo  
 Camilla Sturm

## SENIOR LECTURERS AND LECTURERS

Brian Boyd  
 Paraskevi Martzavou  
 Jill Shapiro

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of majors and minors. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Students who entered Columbia in or before Fall 2023 may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Because of its interdisciplinary structure, the archaeology major, minor, and concentration can be tailored to students' individual interests (within the structure of the requirements). A wide variety of courses may be eligible for the major/minor, and students are encouraged to:

- Consult regularly with the Director of Undergraduate Studies
- Sign up for the listserv to receive a bulletin with archaeology courses being offered in the upcoming term: <https://listserv.cuit.columbia.edu/scripts/wa.exe?SUBED1=ARCY-UND&A=1>
- Use the progress planning tools available on the CCA website

Major: <https://archaeology.columbia.edu/undergraduate/major/>

Minor: <https://archaeology.columbia.edu/undergraduate/minor/>

Concentration: <https://archaeology.columbia.edu/undergraduate/concentration/>

Broadly speaking, classes can count towards the major if they have an archaeological component. This can include:

- Classes that with material culture with an orientation towards the past. This could be architecture, monuments, landscape as well as material that has been excavated or collected during survey. It can also include the recent past, as long as the orientation is material in outlook.
- Any class that reads archaeological theory
- Classes on the history of human evolution or on human skeletal biology

Courses can count as related courses (fulfilling the specific requirements of the major and the concentration) if the student can case that it is relevant to their individual course of study.

Classes that count as related rather than as part of the major include:

- Classics or history classes that deal only with textual analysis and do not incorporate any study of material objects.
- Geology classes that have no connection with the human past
- Palaeontology
- Classes on primates, ecology, etc.
- Language classes

Student interested in archaeology are encouraged to consider introductory courses in Earth and environmental sciences, environmental biology, and/or chemistry for their Core Curriculum science requirement.

## Course Numbering Structure

Course numbering structures will vary by department, so students are encouraged to consult the specific bulletin entry for departments offering specific archaeology courses.

For the purposes of the major, “upper-level courses” generally refers to courses that are 3000-level or higher. Other courses may be approved for this requirement after consultation with the DUS.

## Guidance for First-Year Students

First year students are encouraged to take one or two of the introductory classes offered

each year (ANTH 1007, ANTH 1008, or ANTH 2028).

## Guidance for Transfer Students

Transfer students are encouraged to meet with the Director of Undergraduate Studies for

Archaeology to discuss their plan to complete the major/minor and any transfer credits that might be applied.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

Students interested in the major, minor, and concentration in archaeology should take some combination of the three introductory courses:

THINK LIKE AN ARCHAEOLOGIST (ANTH 2028)

THE ORIGINS OF HUMAN SOCIETY (ANTH 1007)

THE RISE OF CIVILIZATION (ANTH 1008)

Majors: Two of the three introductory courses

Minors: Must take ANTH 2028, and either ANTH 1007 or 1008

Concentration: One of the three introductory courses\*

\* An additional introductory course can be counted towards the requirement for upper-level courses for the concentration

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## Major in Archaeology

The major requires a minimum of 30 points within the major and 9 points of related courses, as follows:

- Two of the three introductory courses (6 points):

ANTH1007 The Origins of Human Society

ANTH1008 The Rise of Civilization

ANTH2028 Think like an Archaeologist

- Two upper-level courses from different regions of the world, planned in consultation with the DUS
- Three additional upper-level courses, planned in consultation with the DUS
- Participation in four to six weeks in Columbia-affiliated field projects, independent study in excavation or other field projects, or a relevant museum internship and/or lab work.\*
- One laboratory course in archaeology (or its equivalent in the field), as approved by the DUS)
- A capstone seminar in archaeology, preferably taken in the junior or senior year. World Archaeology (ANTH 3993 –

taught alternate years) or a substitute seminar to be decided with the advance approval of the Director of Undergraduate Studies.\*\*

- 9 points of related courses, planned in consultation with the DUS

Students majoring in archaeology may choose to write a senior thesis. Thesis 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 3997 or AHIS 3997–3998), to cover the writing of the thesis.

\* The field, school, project, or internship must be approved in advance by the program advisers, and arrangements should be made in advance with the director of undergraduate studies for credits to be accepted as part of the degree. For more information, see the Center for Archaeology website.

\*\* Students who are writing a thesis may substitute a thesis seminar for this requirement.

## Minor in Archaeology

The minor consists of five courses in total (for a range of 16-19 credits). There are no prerequisites for the minor.

Across the 5 courses required for the minor, students must take courses in at least two different departments.

Students minoring in archaeology are required to take the introductory method and theory course:

- ANTH2028 Think like an Archaeologist

Students are also required to take one of the other introductory courses:

- ANTH1007 The Origins of Human Society
- ANTH1008 The Rise of Civilization

Students can select three other archaeology courses, in consultation with the DUS, with the recommendation that one of the courses be a 3000-level course or higher.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE FALL 2023

### Concentration in Archaeology

The concentration in archaeology requires a total of 21 points, 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:

Any one of the three introductory courses:

- ANTH1007 The Origins of Human Society
- ANTH1008 The Rise of Civilization
- ANTH2028 Think like an Archaeologist

One seminar or colloquium in in the Departments of Anthropology, Art History and Archaeology, Classics, or History, as approved by the program advisers.

Three upper-level courses, two of which must cover different regions of the world

One related course, planned with DUS in accordance with the student's individual interests and academic goals

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# ARCHITECTURE

**The department of Architecture is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.**

**Department website:** [architecture.barnard.edu](http://architecture.barnard.edu)

**Office location:** 500, The Diana Center

**Phone:** 212-854-8430

**Email:** [architecture@barnard.edu](mailto:architecture@barnard.edu)

## **Chair and Director of Undergraduate Studies in Architecture:**

Professor Karen Fairbanks

[kfairbanks@barnard.edu](mailto:kfairbanks@barnard.edu)

## **Departmental Administrator:**

Rachel Garcia-Grossman

[rgarciag@barnard.edu](mailto:rgarciag@barnard.edu)

## THE STUDY OF ARCHITECTURE

Studying Architecture at Barnard College, Columbia College, and General Studies leads to a liberal arts degree – a Bachelor of Arts with a major in Architecture, and Barnard College is the administrative location for all undergraduate architecture studies at Columbia University and its partner institutions. A liberal arts education in architecture holds a unique position in academia and in relation to the discipline. If the goal of a professional education in architecture is to enable students to participate directly in the world as an architect – a liberal arts education asks that students consider the broader and myriad conditions in which architecture is conceived and practiced and, in turn, to understand how architecture inevitably alters those conditions. Students are asked to confront and interpret the complex social, cultural, political, and environmental processes that weave through architectural design and urbanism. The purpose of an undergraduate liberal arts degree in architecture is to educate students to think about the world through architecture.

The Architecture curriculum introduces design at a variety of scales, acknowledging that integrated design thinking is effective for problem-solving at any scale and in any discipline. Students will experiment with full-scale installations and devices and make small-scale models of the built environment 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 takes full advantage of New York City, utilizing it as a site

for many design and research projects that explore the social, cultural, and environmental histories that have shaped the city. Architecture students study with peers from countries around the world in one of the most diverse cities in the world. A large majority of 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.

## 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.

## 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.

## PROGRAMS OF STUDY

There are a few distinctions between the opportunities for students at Barnard College, Columbia College, The Fu Foundation School of Engineering and Applied Science (SEAS), and the School of General Studies to study architecture at an undergraduate level.

**Barnard College** students can major in Architecture (also referred to as the studio major), major in the History and Theory of Architecture, or minor in Architecture through our department.

**Columbia College** students can major or minor in Architecture through our department. Columbia students who wish to pursue the History and Theory of Architecture major can do so through Columbia's Department of Art History and Archaeology.

**The School of General Studies** students can major or minor in Architecture through our department. General Studies students who wish to pursue the History and Theory of Architecture major can do so through Columbia's Department of Art History and Archaeology.

**The Fu Foundation School of Engineering and Applied Science (SEAS)** students may complete a minor in Architecture.

## STUDENT ADVISING

### Advising Resources

#### Advising Appointments

Our department offers weekly advising appointments for students who are interested in our courses and potentially pursuing an architecture major or minor. If you have any questions or need help interpreting departmental requirements for the major or minor, please sign up for an appointment with one of our faculty advisors. Faculty advising appointments are offered throughout the fall and spring and are open to anyone who is interested in learning more about our department. During the summer break, current and prospective students are instead invited to submit their questions by email to [architecture@barnard.edu](mailto:architecture@barnard.edu).

#### Major and Minor Advising

After a student has officially declared their major in architecture, they will be assigned a permanent faculty advisor in our department who will meet with them once per semester to review their progress in the major. Although minors are not formally assigned to a faculty advisor, we welcome and encourage our minors to meet with our faculty advisors to address any questions.

#### Major and Minor Requirements Worksheets

Major and minor worksheets are intended to help students plan their coursework and the completion of their program of study. You can download major and minor worksheets here.

#### The Architecture Department Newsletter

Our department distributes a biweekly newsletter for architecture students. Students who are enrolled in one of our courses or who have declared the major in architecture are automatically subscribed to this newsletter. Those who are not in our courses and wish to subscribe to our newsletter can do so here.

#### Architecture Program Planning Meetings

Our department hosts two program planning meetings per year, one in October and another in April. At these meetings, students can learn about our course offerings, the course application process, and the major and minor requirements. Information about upcoming program planning meetings can be found on our website's events calendar.

## Guidance for First-Year Students

For first-year students who are interested in architecture and design, we offer the following course, which prioritizes first-year students:

#### ARCH UN1010 Design Futures: New York City

In addition to taking Design Futures: NYC, first-year students are encouraged to refer to our program planning lists and review any lecture courses that can count towards the architecture major and minor requirements. First-year students are discouraged from applying for admission to our introductory-level studios Architectural Design: Systems and Materials or Architectural Design: Environments and Mediations; these courses are more appropriate for second and third-year students, and those students will be given priority for admission to these studios. Similarly, our required lecture course for the major, ARCH UN3117 Modern Architecture in the World, can be taken at any time but is generally recommended for the sophomore year as a companion course to the first two studios.

Please note that first-year students interested in majoring in architecture should not enroll in ARCH UN1020 Introduction to Architectural Design & Visual Culture, as this course is intended for third and fourth-year students minoring in architecture or non-majors interested in an architecture studio. This course will not count toward the architecture major.

To learn more about our courses and department, first-year students are strongly encouraged to sign up for our faculty advising appointments.

## Enrolling in Courses

### Course Applications

Many architecture courses require an application. To receive full consideration for admission, you must fill out the course application in advance and also join the online course waitlist during an early registration period.

Please note that our department will only review applications and process admissions during specific weeks, with priority

given to those who apply and join the waitlists during one of the early registration periods.

Admission to our courses is at the discretion of the department and instructor. If a student is admitted from the waitlist, their status on SSOL will change to "Approved." The transition from the waitlist to the class list will occur automatically overnight.

Due to very limited space in our courses, it is possible that a student who has applied and joined the waitlist during an early registration window will remain on the waitlist until the start of classes. Once the semester begins, students who remain on the waitlist for any of our courses must attend the first class session and speak with the instructor to inquire about available spots.

To learn more about our course application process, please visit our [website](#).

## PREPARATION FOR GRADUATE STUDY

Students who wish to pursue graduate study in architecture or related fields are strongly encouraged to sign up for our faculty [advising appointments](#) in their junior or senior year.

## COURSEWORK TAKEN OUTSIDE OF BARNARD (FOR BARNARD STUDENTS ONLY)

Our department offers studio, lecture, seminar, and project-based courses that can be counted toward a major or minor in architecture. Courses taught by our department are often supplemented by courses from other departments, colleges, and schools at Columbia University, such as the Columbia Art History Department, the Barnard Art History Department, and the Barnard and Columbia Urban Studies Program.

Some courses taught at The Graduate School of Architecture, Planning, and Preservation (GSAPP) may also be approved to count toward the architecture major or minor each term.

All courses taught outside our department are primarily taken to fulfill the major or minor's lecture, seminar, and workshop requirements.

Before each semester begins, our department reviews all upcoming undergraduate courses and publishes a list of classes that fulfill the requirements for the architecture major and minor. These lists, known as 'Program Planning Lists,' are typically released a semester in advance at our program planning meetings.

Once available, our Program Planning Lists are uploaded to [this page](#) on our website.

Additionally, our department reviews all upcoming graduate courses at the GSAPP that are open for cross-registration by undergraduate students and publishes a list detailing how those courses can fulfill the architecture major and minor requirements. This list, known as the [B+C|A List of GSAPP Courses Approved for the Architecture Majors and Minor](#),

undergoes updates each semester and is always published during the first week of classes.

Once available, our list of approved GSAPP courses is uploaded to [this page](#) on our website.

If you have any questions about using either of these lists, please [schedule an appointment](#) with one of our faculty advisors.

## Advanced Placement Credit

Our department does not grant any course exemptions for AP or other exam scores.

## Columbia College Courses

Select courses offered at Columbia College and other schools at Columbia University may be used for credit toward the major or minor. These courses have been approved by the Department Chair and are noted on our '[Program Planning Lists](#)' each semester. Students may request consideration for courses not on this list through consultation with their major advisor and/or the Department Chair, particularly in fulfilling their 'Specialization' within the major.

## Transfer Credit

When students wish to transfer credit to Barnard from other institutions, their coursework is first evaluated for college elective credit by the Registrar's Office. If they are approved, departments can consider these courses for credit toward the major or minor.

The use of transfer courses toward the major requirements is determined on a case-by-case basis. Typically, no more than 3 transfer courses will be allowed to fulfill the major requirements, primarily in the 'Specialization' category within the major.

Students requesting a review of up to three courses for transfer credits should refer to our [Request for Exemption from Architecture Major or Minor Requirements](#) form.

## Study Abroad Credit

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Global Engagement) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus.

Classes taken abroad through other institutions or programs are treated as transfer credit and are subject to the same policies as other transfer courses. Accordingly, there will be a limit on the number of study abroad courses taken at other institutions that can be counted toward the major or minor. Typically, no more than 3 transfer courses will be allowed to fulfill the major requirements

To receive credit toward the major or minor for a study abroad course (whether taken through a Columbia program or another institution/program), students must submit a Study Abroad Approval form through Slate and obtain the approval of the Department Chair. Students majoring in architecture must

also meet with their major advisor to discuss how to apply any courses taken abroad to their major requirements.

## Summer Credit

Summer courses at Barnard are equivalent to those taken during the academic year. Courses that have been approved for the fulfillment of departmental requirements will automatically count toward the major and minor.

Courses taken at other institutions (including Columbia) are considered transfer credit and are subject to the same policies governing other transfer courses. To receive major or minor credit for a summer course taken at another institution, students must submit a Summer Course form through Slate and have it approved by both the Registrar's Office and the Department Chair.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA (FOR COLUMBIA & GENERAL STUDIES STUDENTS ONLY)

Our department offers studio, lecture, seminar, and project-based courses that can be counted toward a major or minor in architecture. Courses taught by our department are often supplemented by courses from other departments, colleges, and schools at Columbia University, such as [The Graduate School of Architecture, Planning, and Preservation \(GSAPP\)](#), the Columbia Art History Department, the Barnard Art History Department, and the Barnard and Columbia Urban Studies Program. Courses taught outside our department are primarily taken to fulfill the major's lecture, seminar, and workshop requirements.

Before each semester begins, our department reviews all upcoming undergraduate courses and publishes a list of classes that fulfill the requirements for the architecture major and minor. These lists, known as 'Program Planning Lists,' are typically released a semester in advance at our program planning meetings.

Once available, our Program Planning Lists are uploaded to [this page](#) on our website. If you have any questions about using these lists, please [schedule an appointment](#) with one of our faculty advisors.

Additionally, our department reviews all graduate courses at the GSAPP that are open for cross-registration by undergraduate students and publishes a list detailing how those courses can fulfill the architecture major and minor requirements. This list, known as the [B+C|A List of GSAPP Courses Approved for the Architecture Majors and Minor](#), undergoes updates each fall and spring and is always published during the first week of classes.

Once available, our list of approved GSAPP courses is uploaded to [this page](#) on our website.

If you have any questions about using either of these lists, please [schedule an appointment](#) with one of our faculty advisors.

## Advanced Placement Credit

Our department does not grant any course exemptions for AP or other exam scores.

## Barnard College Courses

Courses offered by our department, along with other select courses at Barnard College and other schools at Columbia University, may be used for credit toward the major or minor. These courses have been approved by the Department Chair and are noted on our ['Program Planning Lists'](#) each semester. Students may request consideration for courses not on this list through consultation with their major advisor and/or the Department Chair, particularly in fulfilling their 'Specialization' within the major.

## Transfer Credit

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor.

The use of transfer courses toward the major requirements is determined on a case-by-case basis. Typically, no more than 3 transfer courses will be allowed to fulfill the major requirements, primarily in the 'Specialization' category within the major.

Students requesting a review of up to three courses for transfer credits should refer to our [Request for Exemption from Architecture Major or Minor Requirements](#) form.

## Study Abroad Credit

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor, the student's major advisor will need to confirm that they can be used toward requirements in the major or minor.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia and are subject to the same policies as other transfer courses. Accordingly, the number of study abroad courses taken at other institutions that can be counted toward the major or minor will be limited. Typically, no more than 3 transfer courses will be allowed to fulfill the major requirements.

Students majoring in architecture should meet with their major advisor, while those minoring in architecture should consult the



DUS. These meetings are necessary to discuss the application of study abroad courses—whether through a Columbia program or another institution—to their program of study requirements and to obtain credit toward their major or minor.

## Summer Courses

Summer courses in architecture at Barnard are equivalent to those taken during the academic year. Courses that have been approved for the fulfillment of departmental requirements will automatically count toward the major and minor.

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major/minor only as articulated in department/institute/center guidelines or by permission of the Director(s) of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.

Students must meet with their major advisor or the DUS for permission to receive major or minor credit for a summer course taken at Columbia.

## Core Curriculum Connections

Students may be interested in course offerings that can be taken to fulfill the architecture major and the Global Core requirement of the Core Curriculum. The list of approved courses for the Global Core requirement is on [this page](#) of the Bulletin.

## RESEARCH METHODS IN ARCHITECTURE AND THE SENIOR CAPSTONE PROJECT

### Coursework in Research Methods

The following lecture and seminar courses are required for the architecture major and will introduce students to the major questions and research methods in architecture.

ARCH UN3117 Modern Architecture in the World  
ARCH UN3901 Senior Seminar

### Other Research Opportunities

Independent Study provides an opportunity for students to work one-on-one with an architecture faculty member on directed research or projects. Typically, Independent Study is reserved for students at an advanced level within their major who have demonstrated initiative and serious engagement with the material in their previous coursework. To learn more about the application process, please visit our [website](#).

### The Senior Capstone Project

In their senior year, architecture majors are required to take ARCH UN3901 Senior Seminar. The major also requires that seniors submit a design portfolio and a writing sample before graduation. The portfolio includes representative work from all design studios and the writing sample is a research paper or

essay from a senior-level architecture seminar or architecture-related course. Final submissions are archived in the department, design portfolios are displayed at the end-of-the-year show, and both the portfolio and the writing sample are evaluated and used to award graduation honors.

## DEPARTMENTAL HONORS AND PRIZES

### Departmental Honors

Each spring, our department nominates graduating architecture majors for departmental honors in recognition of academic excellence within the architecture major.

The senior graduation materials, which include a portfolio and research paper from an architecture course, are evaluated and used to award honors, prizes, and awards.

For Columbia College students, graduating seniors must have a grade point average of at least 3.6 in classes for the major to be eligible for departmental honors. For Barnard College and The School of General Studies students, there is no minimum GPA to be eligible for departmental honors.

### Academic Awards and Prizes

Several awards and prizes are sponsored by Barnard College, Columbia College, and the School of General Studies that graduating architecture majors may be nominated for. Students do not apply for these awards; recipients are selected by the departmental faculty and committees. The senior graduation materials, which include a portfolio and research paper from an architecture course, are evaluated and used to award these prizes.

#### Barnard College Scholarships, Fellowships, and Prizes (BC Students Only):

[The Alpha Zeta Club Graduate Scholarship](#)  
[The Josephine Paddock Fellowship](#)  
[The Ethel Stone LeFrak Prize](#)

See [here](#) for a complete list of Barnard College Scholarships, Fellowships, and Prizes.

#### Columbia College and School of General Studies Prizes (CC and GS Students Only):

[The Louis Sudler Prize in the Arts](#)

See [here](#) for a complete list of Columbia College Scholarships, Fellowships, and Prizes.

#### Architecture Department Awards (All Architecture Students):

Graduating architecture majors are also eligible for the following departmental awards:

The Marcia Meade Design Award  
The Portfolio Design Award

OTHER IMPORTANT INFORMATION

Double Counting Courses

We strongly encourage students to book an appointment with their major advisor to discuss the applicable rules around "double counting" courses towards two majors or two categories of requirements (e.g., the architecture major and the Foundations Requirements (Barnard) or The Core (Columbia)).

Below, we have also linked the specific web pages that address double-counting at each school:

**The Columbia College Bulletin:** [Academic Requirements](#) —> The Departmental Concentration or Major —> Policy on Double-Counting Courses toward Requirements

**The Barnard College Bulletin:** Curriculum --> Requirements for the Liberal Arts Degree -->[Foundations](#)

**The School of General Studies Bulletin:** The Core —> [General Guidelines](#)

The department of Architecture is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.

FULL-TIME FACULTY

Chair and Director of Undergraduate Studies in Architecture:

[Karen Fairbanks](#) (Claire Tow Professor of Professional Practice in Architecture)

Assistant Professors:

[Ignacio G. Galán](#)

[Ralph Ghoche](#)

[Anooradha Iyer Siddiqi](#)

[Nick Smith](#) (Assistant Professor in Architecture and Assistant Professor in Urban Studies)

Professors of Professional Practice in Architecture:

[Kadambari Baxi](#)

ADJUNCT FACULTY

Adjunct Professors:

Joeb Moore

Madeline Schwartzman

Suzanne Stephens

Adjunct Assistant Professors:

Mark Bearak

Amina Blacksher

Eliana Dotan

Lindsay Harkema

Andrea Johnson

Annie Kountz

Clara Kraft

Leah Meisterlin

Nick Roseboro  
Todd Rouhe  
Michael Schissel  
Fred Tang  
Irina Verona

The department of Architecture is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.

Our Undergraduate Programs of Study

**THE MAJOR IN ARCHITECTURE (p. 201)**  
**THE MAJOR IN THE HISTORY AND THEORY OF ARCHITECTURE**  
**THE MINOR IN ARCHITECTURE**

THE MAJOR IN ARCHITECTURE

The major in architecture is open to Barnard College students, Columbia College students, and General Studies students.

The required courses for the major are broken down into four categories: Studios; Lectures, Seminars, and Workshops; Senior Courses; and courses for the Specialization.

Studio Courses

Four studio courses, to be taken one per semester (studio courses have limited enrollment and priority is given to Architecture majors):

ARCH UN2101	ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS
ARCH UN2103	ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS
ARCH UN3201	ADVANCED ARCHITECTURAL DESIGN I
ARCH UN3202	ADVANCED ARCHITECTURAL DESIGN II

Lecture, Seminar, and Workshop Courses \*

Five courses following the distribution requirement below:

ARCH UN3117	MOD ARCHITECTURE IN THE WORLD
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Architectural Elective: History

Architectural Elective: Society, Environment, and the Global

Architectural Elective: Design, Media, and Technology

Architectural Elective

Senior Courses \*

ARCH UN3901
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Elective Architecture seminar (another Senior Seminar in the Department, Advanced Architectural Research and Design, or Independent Research)

### Specialization Courses

All majors are asked to complement their work with a thematic unit (three courses) called the "specialization." Each student develops a specific specialization that broadens their architectural studies in one of the following areas or combination of areas: History, Society, Environment, Global, Design, Media, and Technology. Courses may be taken from across various departments. All majors, in consultation with their advisers, will develop a short (100 word) description of their specialization and advisers will approve their course selections. Students can request and develop other areas of specialization with adviser approval.

### Graduation Requirements

The major also requires that students submit a portfolio and a writing sample before graduation. The design portfolio includes representative work from all design studios and the writing sample is a paper or essay from a senior level architecture or architecture-related course. Final submissions are archived in the department, the portfolios are displayed at the end of the year show, and both are used to award graduation honors.

**Before** each semester begins, our department reviews all available undergraduate courses and publishes a list of approved classes that fulfill the requirements for the architecture major and minor. These lists, known as our 'Program Planning Lists,' are typically released during our program planning meetings, and uploaded to [this page](#) on our website. If you have any questions about using these lists, please [schedule an appointment](#) with one of our faculty advisors.

## THE MAJOR IN THE HISTORY AND THEORY OF ARCHITECTURE

**The History and Theory of Architecture major emphasizes research and writing in Architectural History. This program of study is only open to Barnard College students. Columbia College and General Studies students who are interested in majoring in architectural history should contact the [Department of Art History and Archaeology at Columbia University](#).**

**The History and Theory of Architecture major consists of 14 courses, distributed as follows:**

### Studio Courses

1-2 studio courses, to be taken one per semester:

ARCH UN1020 INTRO-ARCH DESIGN/VIS CULTURE

ARCH UN2101 ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS

ARCH UN2103 ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS

### Lecture, Seminar, and Workshop Courses\*

7-8 lecture, seminar, and workshop courses:

ARCH UN3117 MOD ARCHITECTURE IN THE WORLD

Architectural Elective: History

Architectural Elective: Society, Environment, and the Global

Architectural Elective: Design, Media, and Technology

3 to 4 Architectural Electives - any lecture, seminar, or workshop offered by the Architecture Department or an approved course from a related department

\*Note: Studios, Lectures, Seminars, and Workshops must total to 9 courses

### Specialization

3 courses for the specialization:

Each student develops a specialization that broadens the reach of their architectural studies and supports their thesis. All majors, in consultation with their advisers, will develop a short (100 word) description of their specialization and advisers will approve their course selections.

### Senior Courses\*

2 courses for the senior course requirement:

ARCH UN3901

ARCH UN3998 INDEPENDENT STUDY

All senior History and Theory of Architecture majors are required to enroll in one semester of Senior Seminar and to write a thesis which can be done through enrolling in Independent Study (ARCH UN3997 or ARCH UN3998). Please consult with your major adviser for planning your thesis.

**Before** each semester begins, our department reviews all available undergraduate courses and publishes a list of approved classes that fulfill the requirements for the architecture major and minor. These lists, known as our 'Program Planning Lists,' are typically released during our program planning meetings and uploaded to [this page](#) on our website. If you have any questions about using these lists, please [schedule an appointment](#) with one of our faculty advisors.

# THE MINOR IN ARCHITECTURE

The minor in Architecture is open to Barnard College students, Columbia College students, General Studies students, and SEAS students at Columbia University.

The Architecture minor consists of five courses, structured as follows:

Studio Courses

Students must complete at least one of the following studio courses and may apply up to three toward the minor:

ARCH UN1020	INTRO-ARCH DESIGN/VIS CULTURE
ARCH UN2101	ARCHITECTURAL DESIGN: SYSTEMS AND MATERIALS
ARCH UN2103	ARCHITECTURAL DESIGN: ENVIRONMENTS AND MEDIATIONS

Lecture, Seminar, and Workshop Courses\*

Students must complete the following lecture course:

ARCH UN3117	MOD ARCHITECTURE IN THE WORLD
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The remaining courses for the minor (a minimum of one, or up to three, depending on the total number of studio courses completed) may include any lecture, seminar, or workshop offered by the Architecture Department or an approved course offered by the Architecture Department or an approved course from a related department, as listed in our program planning list.



# ART HISTORY AND ARCHAEOLOGY

## THE DEPARTMENT OF ART HISTORY AND ARCHAEOLOGY

Department website: <https://arthistory.columbia.edu/>

Office location: 826 Schermerhorn Hall

Office contact: 212-854-4505

Director of Undergraduate Studies: Professor Barry Bergdoll, [bgb1@columbia.edu](mailto:bgb1@columbia.edu)

Undergraduate Administrator: Emily Benjamin, [eb3061@columbia.edu](mailto:eb3061@columbia.edu)

## THE STUDY OF ART HISTORY

A major, minor, or concentration in the Department of Art History and Archaeology lays the basis for pursuing a variety of careers in and beyond the scholarly pursuit of the history of art, museum work, and work in the commercial art world of galleries and auction houses. The visual study of the world around us continues to increase in importance as global communication becomes more often based in visual media, and understanding the sources and significance of images that form a common language of communication is crucial for anyone who aspires to play an active part in society. Art History majors have gone on to graduate education as well as careers in law, medicine, business, and academe, among others.

Critical study teaches not only the particulars of the art, archaeology, and architecture under study, but also the broader analytical and synthetic skills needed for mature, reasoned, and inventive solutions to broad-based questions in any field, with particular emphasis on the analysis of visual culture. As one of the largest Art History departments in the world, the Columbia–Barnard faculty include specialists in the art and architecture of an impressive spectrum of cultures and geographies from the Ancient Near East to Contemporary Global Art History. The curriculum offers coursework in the Pre-Columbian New World; in the art and architecture of Africa, of the Indian Subcontinent, of China, of Japan; in addition to many aspects of the art and architecture of North America and Europe, including African-American and diasporic art, and the art of First Nations in the Americas. Methodological approaches offered by the curriculum are equally diverse, including courses which explicitly address issues of gender and race. Several members of the faculty have extensive curatorial experience and regularly offer courses which comprise instruction in the history of collecting, display, and museum practices. Department courses take advantage of the extraordinary cultural resources of

New York City and often involve museum assignments and trips to local monuments.

Surveys and advanced lecture courses offered by the Columbia and Barnard art history departments cover 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 than lectures and offer intensive instruction in research and writing. The opportunity for advanced research or a senior thesis is available to students who qualify.

The department offers three majors: Art History, History & Theory of Architecture, and a combined Art History+Visual Arts major; as well as two minors/concentrations: Art History, and History & Theory of Architecture.

## STUDENT ADVISING

Director of Undergraduate Studies (DUS): Professor Barry Bergdoll, [bgb1@columbia.edu](mailto:bgb1@columbia.edu)

Undergraduate Administrator: Emily Benjamin, [eb3061@columbia.edu](mailto:eb3061@columbia.edu)

## Consulting Advisers

Students should email the DUS and/or the Undergraduate Program Coordinator for questions regarding the major, minor, or concentration. The department does not assign individual advisors to majors or minors/concentrations. The DUS makes the final decisions on all matters concerning the major, minor, or concentration, including transfer course requests.

Please email the Undergraduate Program Coordinator if you would like to be added to the Art History and Archaeology listserv.

The department holds Open House events in the fall and spring for interested students. The department also holds an Information Session in the spring for students interested in writing a Senior Thesis.

Please refer to the department website for the major, minor, and concentration course requirement checklists: <https://arthistory.columbia.edu/content/planning-sheets-forms-undergraduates>

## Enrolling in Classes

Students may enroll in lectures at the 1000-level, 2000-level, and 4000-level during registration periods. There are no prerequisites for these courses.

Students interested in enrolling in seminars at the 3000-level must submit an online application by the deadlines in April (for seminars taking place in the fall) and November (for seminars taking place in the spring). Students interested in enrolling in seminars at the 4500-level must submit an online application by

the deadlines in January (for seminars taking place in the fall) and November (for seminars taking place in the spring). Links to these applications are included with the course descriptions on the department website. Specific deadlines are included on the website as well and are also circulated via the listserv. Once the seminar instructor has determined their class roster, accepted students will be instructed to join the SSOL wait-list so that the department can enroll them in the course.

## Preparing for Graduate Study

Students with questions about pursuing graduate study should email the DUS.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major, minor, or concentration must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the DUS. Exceptions or substitutions permitted by the DUS should be confirmed in writing by email to the student.

### Advanced Placement

The department does not grant credit for Advanced Placement or International Baccalaureate courses.

### Barnard College Courses

Many art history courses offered in the Art History Department at Barnard are treated as part of the available curriculum for the major, minor, and concentration requirements. Please refer to the Undergraduate Field Distribution Chart, linked from this page, to confirm which courses may count: <https://arthistory.columbia.edu/content/major-requirements>

### Transfer Courses

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major, minor, or concentration program.

No more than three transfer courses may be counted toward the major or the concentration. No more than one transfer course may be counted toward the minor.

Students should fill out and email a Transfer Credit Request Form with the required attachments (syllabus, unofficial

transcript, and example of written work for the course) to the Undergraduate Program Coordinator. The DUS will make the decision on whether the course may count. The form can be found here: <https://arthistory.columbia.edu/content/planning-sheets-forms-undergraduates>

## Study Abroad Courses

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major, minor, or concentration, the DUS will need to confirm that they can be used toward the requirements.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia and are subject to the same policies as other transfer courses. There will be a limit on the number of courses taken abroad that can be applied to the major, minor, or concentration, and they must be approved by the DUS.

### Summer Courses

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major, minor, or concentration only as articulated in the Department of Art History and Archaeology guidelines or by permission of the DUS. Please refer to the Undergraduate Field Distribution Chart, linked from this page, to confirm which Summer Term courses may count toward the major, minor, or concentration requirements: <https://arthistory.columbia.edu/content/major-requirements>

More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.

## CORE CURRICULUM CONNECTIONS

Students may be interested in course offerings in Art History that can be taken in fulfillment of the Global Core requirement of the Core Curriculum. See the list of approved courses on [this page of the Bulletin](#).

While Art Humanities does not count toward the major, minor, or concentration requirements, students intending to declare one of these programs are encouraged to enroll in Art Humanities in their first or second year.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

At the heart of the major is the Majors Colloquium (AHIS UN3000 INTRO LIT/METHODS OF ART HIST) which introduces students to different methodological approaches to Art History and critical texts that have shaped the discipline. This course also prepares students for the independent research required in seminars and advanced lecture courses, and should be taken during junior year.

Sign-up information for Art History majors will be circulated via the department listserv.

The Majors Colloquium cannot be substituted by a transfer course.

### Senior Thesis Coursework and Requirements

The Senior Thesis is an optional project open to Art History, History & Theory of Architecture, and combined Art History + Visual Arts majors. It is a year-long project encompassing the senior year, as well as the summer before, and will consume much of winter break and all of spring break. Substantial research and preparation is completed in the summer before the senior year. Submitting a senior thesis qualifies students to compete for departmental honors and (indirectly) strengthens dossiers for university honors. It is also an opportunity for students interested in graduate school to build their academic resumes and experience the intensity and rewards of graduate-style research.

All thesis writers are required to enroll in the year-long (YC) course AHIS UN3002 Senior Thesis Seminar, which is offered as a 3-point seminar in the fall and a 3-point seminar in the spring. This 6-point year-long seminar may substitute for a single elective lecture course. Students receive a grade at the end of the spring term which is applied to both semesters of the seminar. If a student withdraws after the fall term, they will receive a P/F grade for the fall term which cannot be applied to the major.

Securing faculty sponsorship is critical. Speaking with potential advisors during the spring semester of junior year (or earlier) is highly recommended. With approval of the DUS, students may work with a faculty sponsor outside the department. Written confirmation from the advisor is due in May of junior year. In August, students who have secured faculty sponsorship must submit the Senior Thesis Proposal based on research completed over the summer, which includes a proposal of about 400 words, an annotated bibliography, and the signature of the faculty sponsor.

Prospective thesis writers should have a GPA of at least 3.7 in art history courses and should have completed at least six courses counting toward the major requirements, preferably including at least one seminar. The DUS reviews the applications with the goal of ensuring that the student has the academic qualifications to succeed and has identified a credible project. Deadlines will be posted on the department website and circulated on the listserv.

### Undergraduate Research Outside of Courses

Students interested in exploring a specific topic with a faculty member may choose to pursue an independent study project. Students should contact the faculty member who they would like to work with directly. If the faculty member agrees to supervise the independent study, the faculty member will contact the Undergraduate Program Coordinator to have the student registered. Students may complete an independent study project for 3 points. Independent studies typically count toward lecture credit; exceptions may be made with the approval of the DUS.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

To be considered for departmental honors, students must have a GPA of at least 3.7 in classes for the major and have submitted a senior thesis of distinction. The faculty of the Department of Art History and Archaeology submits recommendations to the Committee on Honors, Awards, and Prizes for confirmation. Normally, no more than ten percent of the graduating majors in the department receive departmental honors.

### Academic Prizes

The Senior Thesis Prize is awarded annually for a senior thesis of superior distinction.

The Judith Lee Stronach Memorial Prize is awarded for outstanding contributions in art history or archaeology by a General Studies student.

## PROFESSORS

Alexander Alberro (Barnard)  
Zainab Bahrani  
Barry Bergdoll  
Julia Bryan-Wilson  
Michael Cole  
Jonathan Crary  
Francesco de Angelis  
David Freedberg  
Anne Higonnet (Barnard)  
Kellie Jones

Branden W. Joseph  
 Holger A. Klein  
 Rosalind Krauss  
 Matthew McKelway  
 Jonathan Reynolds (Barnard)  
 Simon Schama  
 Avinoam Shalem  
 Zoë Strother

## ASSOCIATE PROFESSORS

Diane Bodart  
 Zeynep Çelik Alexander  
 Noam M. Elcott  
 Elizabeth W. Hutchinson (Barnard)  
 Subhashini Kaligotla  
 Ioannis Mylonopoulos  
 Lisa Trever  
 Jin Xu

## ASSISTANT PROFESSORS

Gregory Bryda (Barnard)  
 Meredith Gamer  
 Eleonora Pistis  
 Michael J. Waters

## ADJUNCT FACULTY

Dawn Delbanco  
 Rosalyn Deutsche (Barnard)  
 John Rajchman

## LECTURERS

Frederique Baumgartner  
 Susannah Blair  
 Lucas Cohen  
 Sophia D'Addio  
 Alessandra di Croce  
 Xiaohan Du  
 Nicholas Fitch  
 Iheb Guermazi  
 Page Knox  
 Janet Kraynak  
 Sandrine Larrive-Bass  
 Martina Mims  
 Kent Minturn  
 Nicholas Morgan  
 Freda Murck  
 Irina Oryshkevich  
 Nina Rosenblatt  
 Susan Sivard  
 Leslie Tait  
 Stefaan Van Liefferinge  
 Caroline Wamsler  
 Leah Werier

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of majors and minors. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Students who entered Columbia in or before the 2023-2024 academic year may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

When selecting courses in the Department of Art History and Archaeology, students should keep in mind the specifics of course types, distribution requirements, and required coursework as outlined below.

### Course Numbering Structure

1000-level courses are broad survey lectures open to all undergraduate students. They do not count toward a historical or geographical requirement, though they may count as an elective lecture (or as a required course for HTAC programs, in the case of AHIS UN1007).

2000-level courses are survey lectures focusing on a particular subject area. They are open to all students.

3000-level courses are seminars open to undergraduate students only. Seminars

are limited enrollment classes which offer students the opportunity to explore a topic in depth with the instruction of a faculty member who is an expert in that field. Seminars typically require intensive reading and discussion, culminating in an extended research paper and oral presentation. Students must submit an application to be considered for enrollment in a seminar.

4000-4499-level courses are advanced bridge lectures open to undergraduate and graduate students. While instructor approval is not required, undergraduates are expected to have some background in the subject of the course.

4500-4999-level courses are advanced bridge seminars open to undergraduate and graduate students. As with undergraduate



seminars, these courses require an application. Advanced knowledge within a field is typically expected. If you have questions about the suitability of a course, please contact the instructor to discuss your qualifications.

## Guidance for First-Year Students

There is no required sequence for completing a major, minor, or concentration in the department. However, first-year students interested in declaring one of these programs are encouraged to take Art Humanities in their first or second year. Students are also encouraged to take several 1000- and/or 2000-level survey lectures before applying for seminars in their junior and senior years.

## Guidance for Transfer Students

There is no required sequence for completing a major, minor, or concentration in the department. However, transfer students interested in declaring one of these programs are encouraged to take Art Humanities earlier rather than later. Transfer students who want to transfer coursework in art history from a previous institution toward their program of study are strongly encouraged to meet with the Undergraduate Program Coordinator as soon as possible to submit these requests.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

#### Major in Art History

The major in Art History requires 11 total courses and can range from 36 to 43 points depending on which classes a student takes to fulfill the requirements.

Students must take three art history courses covering three of four distinct historical periods; two art history courses covering two of five distinct geographic regions; any two additional elective courses in art history; two art history seminars; a studio art course; and the Majors Colloquium. These courses may be taken in any order, though the seminars and the Colloquium are usually taken in junior and/or senior year.

The four historical period distribution categories are pre-400 CE; 400-1400 CE; 1400-1700 CE; and 1700-Present. The five geographic region distribution categories are Africa; Asia; Europe/N. America/Australia; Latin America; and Middle East.

The Majors Colloquium should be taken during junior year. Sign-up information will be circulated via the department listserv. The Majors Colloquium cannot be substituted by a transfer course.

The studio art requirement can be fulfilled by any studio course in the Visual Arts Department. It may be taken Pass/Fail.

The Senior Thesis is an optional project open to Art History, History and Theory of Architecture, and Art History+Visual Arts majors. All thesis writers are required to enroll in the year#long (YC) course AHIS UN3002 Senior Thesis Seminar, which is offered as a 3#point seminar in the fall and a 3#point seminar in the spring. This 6#point year#long seminar may substitute for a single elective lecture course. Please refer to the Overview page for more information about the Senior Thesis.

#### Major in History and Theory of Architecture

The major in History and Theory of Architecture requires 11 total courses and can range from 37 to 43 points depending on which classes a student takes to fulfill the requirements.

Students must take AHIS UN1007 Introduction to the History of Architecture; ARCH UN1020 Introduction to Architectural Design and Visual Culture; three art/architectural history courses covering three of four distinct historical periods; one art/architectural history course covering one of four distinct geographic regions; any additional elective course in art/architectural history; two art/architectural history seminars; and the Majors Colloquium. These courses may be taken in any order, though the seminars and the Colloquium are usually taken in junior and/or senior year. Three courses (not counting AHIS UN1007, ARCH UN1020, the Majors Colloquium, or the seminars) must focus on architectural history.

The four historical period distribution categories are pre-400 CE; 400-1400 CE; 1400-1700 CE; and 1700-Present. The four geographic region distribution categories are Africa; Asia; Latin America; and Middle East.

The Majors Colloquium should be taken during junior year. Sign-up information will be circulated via the department listserv. The Majors Colloquium cannot be substituted by a transfer course.

ARCH UN1020 Introduction to Architectural Design and Visual Culture may be taken Pass/Fail.

The Senior Thesis is an optional project open to Art History, History and Theory of Architecture, and Art History+Visual Arts majors. All thesis writers are required to enroll in the year#long (YC) course AHIS UN3002 Senior Thesis Seminar, which is offered as a 3#point seminar in the fall and a 3#point seminar in the spring. This 6#point year#long seminar may substitute for a single elective lecture course. Please refer to the Overview page for more information about the Senior Thesis.

#### Combined Major in Art History+Visual Arts

The combined major in Art History+Visual Arts requires 16 total courses and can range from 49 to 57 points depending on which classes a student takes to fulfill the requirements. This is a large major and students are encouraged to begin coursework toward the major in sophomore year. Please contact the Visual Arts Department with questions on enrolling in studio courses and the Department of Art History and Archaeology with questions on art history courses. The DUS/Undergraduate

Program Coordinator of both departments should be made aware of any transfer courses.

Students must take three art history courses covering three of four distinct historical periods; two art history courses covering two of five distinct geographic regions; any two additional elective courses in art history; seven three-point studio art courses including Basic Drawing and either Ceramics I or Sculpture I; the Majors Colloquium; and either a senior project in visual arts or a seminar in art history. These courses may be taken in any order, though the seminar, Majors Colloquium, and (optional) senior project in Visual Arts are usually taken in junior and/or senior year.

The four historical period distribution categories are pre-400 CE; 400-1400 CE; 1400-1700 CE; and 1700-Present. The five geographic region distribution categories are Africa; Asia; Europe/N. America/Australia; Latin America; and Middle East.

The Majors Colloquium should be taken during junior year. Sign-up information will be circulated via the department listserv. The Majors Colloquium cannot be substituted by a transfer course.

The art history Senior Thesis is an optional project open to Art History, History and Theory of Architecture, and Art History + Visual Arts majors. All thesis writers are required to enroll in the year#long (YC) course AHIS UN3002 Senior Thesis Seminar, which is offered as a 3#point seminar in the fall and a 3#point seminar in the spring. This 6#point year#long seminar may substitute for a single elective lecture course. Please refer to the Overview page for more information about the Senior Thesis.

## Minor in Art History

The minor in Art History requires 5 total courses and can range from 15 to 20 points depending on which classes a student takes to fulfill the requirements.

Students must take three art history courses covering three of four distinct historical periods; one art history course covering one of four distinct geographic regions; and any additional elective course in art history. At least one seminar is encouraged, though not required.

The four historical period distribution categories are pre-400 CE; 400-1400 CE; 1400-1700 CE; and 1700-Present. The four geographic region distribution categories are Africa; Asia; Latin America; and Middle East.

## Minor in History and Theory of Architecture

The minor in History and Theory of Architecture requires 5 total courses and can range from 16 to 20 points depending on which classes a student takes to fulfill the requirements.

Students must take AHIS UN1007 Introduction to the History of Architecture; three art/architectural history courses covering three of four distinct historical periods; and one art/architectural

history course covering one of four distinct geographic regions. Three courses (not counting AHIS UN1007) must focus on architectural history. At least one seminar is encouraged, though not required.

The four historical distribution categories are pre-400 CE; 400-1400 CE; 1400-1700 CE; and 1700-Present. The four geographic distribution categories are Africa; Asia; Latin America; and Middle East.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before the 2023-2024 academic year. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Concentrations are not available to students who entered Columbia in or after Fall 2024.

### Concentration in Art History

The concentration in Art History requires 7 total courses and can range from 21 to 28 points depending on which classes a student takes to fulfill the requirements.

Students must take three art history courses covering three of four distinct historical periods; two art history courses covering two of five distinct geographic regions; and any two additional elective courses in art history. These courses may be taken in any order.

The four historical period distribution categories are pre-400 CE; 400-1400 CE; 1400-1700 CE; and 1700-Present. The five geographic region distribution categories are Africa; Asia; Europe/N. America/Australia; Latin America; and Middle East.

### Concentration in History and Theory of Architecture

The concentration in History and Theory of Architecture requires 7 total courses and can range from 22 to 28 points depending on which classes a student takes to fulfill the requirements.

Students must take AHIS UN1007 Introduction to the History of Architecture; three art/architectural history courses covering three of four distinct historical periods; one art/architectural history course covering one of four distinct geographic regions; and any two additional elective courses in art/architectural history. These courses may be taken in any order. Three courses

(not counting AHIS UN1007) must focus on architectural history.

The four historical period distribution categories are pre-400 CE; 400-1400 CE; 1400-1700 CE; and 1700-Present. The four geographic region distribution categories are Africa; Asia; Latin America; and Middle East.

# ASTRONOMY

## THE ASTRONOMY DEPARTMENT:

Department website: <https://www.astro.columbia.edu/>

Office location: 1328 Pupin

Office contact: 212-854-3278

Director of Undergraduate Studies:

Professor Frederik (Frits) Paerels, 1022 Pupin,  
frits@astro.columbia.edu

## THE STUDY OF ASTRONOMY AND ASTROPHYSICS

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.

## STUDENT ADVISING

Professor Frederik (Frits) Paerels (DUS), 1022 Pupin,  
frits@astro.columbia.edu

### Consulting Advisers

We mostly do advising on an individual basis. You can stop by during office hours (changing, check the department Undergraduate Advising page: <https://www.astro.columbia.edu/content/undergraduate>), or you can make an appointment with the DUS (email). The DUS encourages you to come by in person and talk, and limit 'email advising'. We get to know you better that way (and you us), and the DUS can talk much faster than he can type.

You can sign up for our general department events email list: send email to [listserv@lists.columbia.edu](mailto:listserv@lists.columbia.edu) and include this line in the body of the message (not the subject line): subscribe astro-events (your first name)(your last name). All information important to undergraduate students (events, opportunities, meetings, curriculum, etc.) is sent to the undergraduate email list; to subscribe, send email to [listserv@lists.columbia.edu](mailto:listserv@lists.columbia.edu) and include this line in the body of the message (not the subject line): subscribe astro-ugs (your first name)(your last name). Consider joining the society of undergraduate students in astronomy: <https://blueshift.astro.columbia.edu>. To sign up to their mailing list, send email to [listserv@lists.columbia.edu](mailto:listserv@lists.columbia.edu), and include this line in the body of the message (not the subject line): subscribe blueshift (your first name)(your last name).

Throughout the year, we typically have a number of advising events, and those will be announced through the undergraduate and blueshift mailing lists: a general advising session on

applying to graduate school (early Fall; mainly for juniors and seniors, but everyone is welcome), a general advising session on how to become involved in research in astronomy and astrophysics (early Fall), a general Department Open House (in the weeks before Major Declaration, early Spring).

You can find a one-page undergraduate astronomy flyer here:

<https://www.astro.columbia.edu/sites/default/files/content/docs/undergrad%20flyer.pdf>

You can find a suggested schedule of courses for the major (but note that this is not a mandatory or necessary time sequence; it's meant to help you start thinking):

<https://www.astro.columbia.edu/sites/default/files/content/docs/Suggested%20Sequence%20of%20Courses%20for%20Majors.pdf>

## Enrolling in Classes

There are no specific steps, prerequisites, or placement tests to enroll in any astronomy classes, other than the ones that are listed in the Bulletin (e.g. you should have taken basic calculus before enrolling in the Introductory Physics Sequence, and the Introduction to Astrophysics sequence).

## Preparing for Graduate Study

The astrophysics major is designed as preparation for graduate study and consists of a standard physics major sequence; a yearlong introduction to astrophysics (typically taken in the sophomore year, but open to first-years with adequate preparation in calculus and physics); and two required courses covering advanced topics in astronomy. Research, in the form of summer internships and/or term-time independent projects, which can lead to a senior thesis, is strongly encouraged. For a research thesis, students should enroll in the parallel, two-semester sequence ASTR UN3997-ASTR UN3998 INDEPENDENT RESEARCH, preferably in their senior year. Students begin the research project in the fall and complete the written thesis in the spring.

The astronomy major provides a basis for further study in the field, but is also designed to be compatible with liberal arts students who pursue other careers and those wishing to combine astronomy with related sciences other than physics, such as chemistry or geology. It requires only two physics courses beyond the introductory sequence and can be completed easily if begun in the sophomore year.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

The standard CC rules for AP credit apply. If you are wondering whether AP Physics can be counted: our standard advice is to take the Intro Physics sequence anyway, unless special circumstances apply.



## Barnard College Courses

1000-level Astronomy courses taken at Barnard are equivalent to 1000-level courses at Columbia. When working on an Astrophysics Major, you may replace the Physics 4021/4022 Quantum Mechanics I, II sequence by: BC 3006 Quantum Physics plus Physics 4023 Statistical Physics.

## Transfer Courses

The standard Columbia College (and School of General Studies) rules with regard to transfer credit apply.

## Study Abroad Courses

If you are considering studying abroad for a semester, come talk to the DUS. We can find courses that will fulfill Columbia requirements at many institutions (and may even be able to tell you about individual instructors in astrophysics courses...). Students have taken courses as far afield as Tokyo and Istanbul.

## Summer Courses

The department usually teaches one 1000-level Summer course (Astronomy 1403 or 1404).

## CORE CURRICULUM CONNECTIONS

In a deep sense: connections everywhere. In a narrow sense: no connection.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

You are encouraged to undertake an original research project, especially if you want to prepare for graduate school. You can enroll in Astronomy 3997 (Fall semesters) or 3998 (Spring semesters) for a semester-long research project, for 3 credits. The general expectation is that this will take about as much time as taking a regular 3-credit class (about a day per week).

### Senior Thesis Coursework and Requirements

### Undergraduate Research Outside of Courses

Many students use one Summer (sometimes multiple Summers) to conduct research. The Department usually organizes a informational meeting in the Fall semester on how you can go about finding opportunities (sign up for the department undergraduate mailing list to receive announcements).

## DEPARTMENT HONORS AND PRIZES

The Department of Astronomy does not have Departmental Honors or Prizes. The Department has a Research Fellowship for Astronomy or Astrophysics Majors at CC, BC, and GS, the Bell-Burnell Fellowship, to carry out research in the Summer between the junior and senior years.

## PROFESSORS

Marcel Agüeros  
James Applegate  
Greg Bryan (Chair)  
Zoltan Haiman  
Jules P. Halpern (*emeritus*)  
David J. Helfand  
Kathryn Johnston  
Laura Kay (Barnard)  
Jeremiah P. Ostriker  
Frederik B. S. Paerels  
Joseph Patterson (*emeritus*)  
Mary E. Putman  
David Schiminovich  
Jacqueline van Gorkom (*emeritus*)

## ASSOCIATE PROFESSOR

David Kipping  
Lorenzo Sironi

## ASSISTANT PROFESSORS

Kishalay De  
Jane Huang

## ADJUNCT PROFESSORS

Michael Allison (GISS)  
Mordecai-Mark MacLow (Hayden Planetarium)  
Rebecca Oppenheimer (Hayden Planetarium)  
Michael Shara (Hayden Planetarium)  
Ruth Angus (Hayden Planetarium)

## ADJUNCT SENIOR RESEARCH SCIENTIST

Melissa K. Ness

## ON LEAVE

Profs. Bryan, Johnston (Spring 2025)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

If you are interested in pursuing a Major in Astronomy or Astrophysics, make an appointment with the DUS to discuss a course of study, and do this early. The programs can in principle be completed in two years- but only if you have already completed almost all other requirements. Most students prefer to start on Major-required courses in their first and/or second year. You can find an example schedule here: <https://www.astro.columbia.edu/sites/default/files/content/docs/Suggested%20Sequence%20of%20Courses%20for%20Majors.pdf>

There is an implied progressive structure to some of the courses: for instance, taking the Introductory Physics Sequence means you should have taken basic Calculus. Likewise, starting on the Introduction to Astrophysics sequence means you know basic, calculus-based physics. If in doubt about the flexibility of the schedule, talk to the DUS.

Courses in which the grade of D has been received do not count toward the major, minor, or concentration requirements.

Course Numbering Structure

The 1000-level courses do not use calculus (but they are quantitative!), and are meant to provide an overview of fields of astronomy and astrophysics for non-major students. They can all count towards fulfilling the science requirements for non-science majors. With one exception (see under the Astronomy Major), the 1000-level courses can not be counted towards the credits for an Astrophysics or Astronomy Major.

The 2000-level courses (Introduction to Astrophysics I and II) provide an overview of astrophysics at the introductory professional level: calculus based, physics-based.

3000-level courses in the Astronomy department are more advanced electives. They generally assume you are familiar with the content of the 2000-level courses. Most 3000-level courses, as well as ASTR GU4260 MODELING THE UNIVERSE, are offered every other year. Students should inquire with the director of undergraduate studies if they have specific questions on the course schedule. ASTR UN3996 Current Research in Astrophysics is a one-point course offered in the fall, designed to introduce majors to research methods and topics. It requires students to attend the department colloquia and a seminar designed to help students understand the colloquium topic. The 3000-level courses need not be taken in any particular order.

4000-level courses are aimed at advanced undergraduates and beginning graduate students.

Guidance for First-Year Students

If you think you may want to pursue a Major in Astronomy or Astrophysics, come talk to the DUS. If you have to make quick decisions by yourself: the rule of thumb is: start with the Math requirements, the next priority is Introductory Physics, then Astrophysics and Astronomy.

Guidance for Transfer Students

The standard Columbia College rules for transfer credit apply. You should contact the DUS as soon as you know you are transferring to plan for what will probably be a tight program (depending in what year you transfer, but especially when you start as a junior).

If you are considering applying to graduate school, we need to make sure, in particular, that you get to do an individual research project.

UNDERGRADUATE PROGRAMS OF STUDY

Required Coursework for all Programs

Common to both the Astronomy and the Astrophysics Major are the Calculus sequence and an Introductory Physics sequence (the Physics 1400, 1600, or 2800 series).

Major in Astronomy

Mathematics

Calculus sequence through MATH UN1202 Calculus IV or MATH UN1208 Honors Mathematics IV

Astronomy

Select one of the following options:

Option 1:

Two 3-point 1000-level astronomy courses  
12 points in astronomy at the 2000-level or above

Option 2:

ASTR UN2001 & ASTR UN2002	INTRO TO ASTROPHYSICS I and INTRO TO ASTROPHYSICS II
------------------------------	---

9 points in astronomy at the 3000-level or above

Physics

Select one of the following physics sequences:

Sequence 1:

PHYS UN1401 & PHYS UN1402 & PHYS UN1403	INTRO TO MECHANICS # THERMO and INTRO ELEC/MAGNETISM # OPTCS and INTRO-CLASSCL # QUANTUM WAVES
---	---

Sequence 2:

PHYS UN1601 & PHYS UN1602 & PHYS UN2601	PHYSICS I:MECHANICS/ RELATIVITY and PHYSICS II: THERMO, ELEC # MAG and PHYSICS III:CLASS/ QUANTUM WAVE
---	---

Sequence 3:

PHYS UN2801 & PHYS UN2802	ACCELERATED PHYSICS I and ACCELERATED PHYSICS II
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Additional Physics Courses

Two physics courses at the 3000-level or above

Students contemplating graduate study are advised to include at least two of these physics courses:

PHYS UN3003	MECHANICS
PHYS UN3007	ELECTRICITY-MAGNETISM
PHYS GU4021 & PHYS GU4022	QUANTUM MECHANICS I and QUANTUM MECHANICS II

One of these may be substituted for 3 points of astronomy.

## Major in Astrophysics

Students considering an Astrophysics major are encouraged to meet with the director of undergraduate studies. If possible, it is useful to start the physics sequence in the first year.

### Mathematics

Calculus sequence through MATH UN1202 Calculus IV or MATH UN1208 Honors Mathematics IV

### Astronomy

ASTR UN2001 & ASTR UN2002 INTRO TO ASTROPHYSICS I and INTRO TO ASTROPHYSICS II

6 points in astronomy at the 3000-level or above

### Physics

Select one of the following physics sequences:

#### Sequence 1:

PHYS UN1401 & PHYS UN1402 & PHYS UN1403 INTRO TO MECHANICS # THERMO and INTRO ELEC/MAGNETISM # OPTICS and INTRO-CLASSCL # QUANTUM WAVES

#### Sequence 2:

PHYS UN1601 & PHYS UN1602 & PHYS UN2601 PHYSICS I:MECHANICS/ RELATIVITY and PHYSICS II: THERMO, ELEC # MAG and PHYSICS III:CLASS/ QUANTUM WAVE

#### Sequence 3:

PHYS UN2801 & PHYS UN2802 ACCELERATED PHYSICS I and ACCELERATED PHYSICS II

### Additional Physics Courses

PHYS UN3003 MECHANICS  
PHYS UN3007 ELECTRICITY-MAGNETISM  
PHYS UN3008 ELECTROMAGNETIC WAVES # OPTICS  
PHYS GU4021 & PHYS GU4022 QUANTUM MECHANICS I and QUANTUM MECHANICS II  
OR  
PHYS BC3006 & PHYS GU4023 QUANTUM PHYSICS and THERMAL # STATISTICAL PHYSICS

## Joint Minor -- Earth and Space

Note that the information on this page is identical to the information on the corresponding page for the Department of Earth and Environmental Sciences.

The minor in Earth and Space requires a minimum of 15 points, distributed as follows:

### Introductory Course

3 points minimum (one course):

One of the following:

ASTR UN1453	ANOTHER EARTH
ASTR BC1753	LIFE IN THE UNIVERSE
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

### Astronomy Courses

6 points minimum (two courses):

Two of the following:

ASTR UN1403	EARTH, MOON, AND PLANETS
ASTR UN1404	STARS, GALAXIES # COSMOLOGY

ASTR UN1420	Galaxies and Cosmology
ASTR UN1836	STARS AND ATOMS

Or the following ASTR sequence:

ASTR UN2001	INTRO TO ASTROPHYSICS I
ASTR UN2002	INTRO TO ASTROPHYSICS II

### DEES Courses

6 points minimum (two courses):

One of the following:

EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN3201	SOLID EARTH DYNAMICS

Plus one of the following:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN3101	Geochemistry for a Habitable Planet

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Astronomy

An extra 3 points of physics can substitute for 3 points of astronomy, as long as the course submitted is at the equivalent or higher level. The concentration requirements are as follows:

### Mathematics

9 points of mathematics

### Astronomy

15 points of astronomy, nine of which must be at or above the 2000-level

### Physics

9 points of physics

# BIOLOGICAL SCIENCES

## THE DEPARTMENT OF BIOLOGICAL SCIENCES:

Department website: <http://www.biology.columbia.edu>  
 Office location: 600 Sherman Fairchild Center  
 Office contact: 212-854-4581, [biology@columbia.edu](mailto:biology@columbia.edu)  
 Director of Undergraduate Studies: Alice Heicklen, [ah2289@columbia.edu](mailto:ah2289@columbia.edu)  
 Undergraduate Administrator: Ellie Siddens, [mes2314@columbia.edu](mailto:mes2314@columbia.edu)

## THE STUDY OF BIOLOGICAL SCIENCES

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.

The usual one-year introductory biology sequence is [BIOL UN2005 INTRO BIO I: BIOCHEM, GEN, MOLEC-BIOL UN2006 INTRO BIO II: CELL BIO, DEV/PHYS](#), taken in the sophomore year, after one year of general chemistry. For more details, see [Introductory Courses under Requirements—Major in Biology](#). All students interested in biology are encouraged to take [BIOL UN1908 First Year Seminar in Biology](#) in the fall semester of their first year.

### Online Resources:

- [FAQs for first-year students, prospective & current majors, and transfer students](#)
- [Checklist of major requirements](#)
- [Additional course information](#)
- [Undergraduate research & job opportunities](#)

## STUDENT ADVISING

### Consulting Advisers

Peer Mentors - Login to Lionmail to access this Google sheet. Any current or prospective student may contact a peer mentor with questions about classes, professors, research experience, or anything related to your current or prospective bio-related major.

Before contacting an advisor, check whether your question has been answered in our undergraduate [FAQs](#).

For a list of current biology, biochemistry, biophysics, and neuroscience and behavior advisers, please visit <http://biology.columbia.edu/content/advisors>

### Biology Major (CC) and Minor Advisers (CC & GS):

For students with last names beginning with:

- A-N: Dr. Mary Ann Price; [map2293@columbia.edu](mailto:map2293@columbia.edu)
- O-Z: Dr. Michelle Attner; [ma3325@columbia.edu](mailto:ma3325@columbia.edu)

### Biology Major Adviser (GS):

Dr. Deborah Mowshowitz; [dbm2@columbia.edu](mailto:dbm2@columbia.edu)

### Biochemistry Advisers (CC & GS):

Chemistry: Dr. Vesna Gasperov; [vg2231@columbia.edu](mailto:vg2231@columbia.edu)

Biology: Dr. Ava Brent; [aeb28@columbia.edu](mailto:aeb28@columbia.edu)

### Biophysics Adviser (CC & GS):

Dr. Josh Abrams; [jma2278@columbia.edu](mailto:jma2278@columbia.edu)

### Computational Biology Advisor (CC & GS):

Biology: For students with last names beginning with:

- A-N: Dr. Harmen Bussemaker; [hjb2004@columbia.edu](mailto:hjb2004@columbia.edu)
- O-Z: Dr. Simon Tavaré; [st3193@columbia.edu](mailto:st3193@columbia.edu)

Computer Science: For students with last names beginning with:

- A-N: Dr. Itsik Pe'er; [ip2169@columbia.edu](mailto:ip2169@columbia.edu)
- O-Z: Dr. David Knowles; [dak2173@columbia.edu](mailto:dak2173@columbia.edu)

### Neuroscience and Behavior Advisers (CC):

Biology: Dr. Erin Barnhart; [eb3305@columbia.edu](mailto:eb3305@columbia.edu)

Psychology: Dr. Alfredo Spagna; [as5559@columbia.edu](mailto:as5559@columbia.edu)

### Neuroscience and Behavior Advisers (GS):

Biology: Dr. Deborah Mowshowitz; [dbm2@columbia.edu](mailto:dbm2@columbia.edu)

Psychology: Dr. Alfredo Spagna; [as5559@columbia.edu](mailto:as5559@columbia.edu)

## Enrolling in Classes

Registration for each term occurs within designated periods. Within these periods, you will be assigned specific registration appointment times. For continuing students, your appointment times will generally be available on [Student Services Online \(SSOL\)](#) two weeks prior to the registration period, but specific registration instructions are announced by each school in advance of each registration period.

- [Check appointment times](#)
- [Register](#)



Students can also check the [Directory of Classes](#) by looking for “B” under Departments and selecting “Biological Sciences”.

## Preparing for Graduate Study

Advisor for students applying to graduate school or looking for bio-related jobs. (Students applying to medical school should consult the pre-professional office.)

Dr. Molly Przeworski; [mp3284@columbia.edu](mailto:mp3284@columbia.edu)

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

If you got a 5 on the AP biology test, you get 3 points of credit toward graduation. Students with a 5 on the AP should take [BIOL UN2005](#) INTRO BIO I: BIOCHEM, GEN, MOLEC and [BIOL UN2006](#) INTRO BIO II: CELL BIO, DEV/PHYS.

BIOL UN2005-UN2006 is not a repeat of AP bio. It demands not only more detail but more thought and application of knowledge to problem-solving than the usual AP course. It is narrower but deeper than the usual introductory biology course. You may review [this exam](#) from a previous year of UN2005 and compare your answers with [the exam key](#). This will give you an idea of what makes UN2005/6 a unique Intro Bio sequence. If you still feel that you are sufficiently prepared, please consult a [biology advisor](#) who on rare occasions can give permission to place out of Intro Bio I and II. You will still be required to take 6 biology courses at Columbia if you place out of Intro Bio.

### Barnard College Courses

Barnard courses may not be substituted for the required Columbia courses without advance permission from the advisor. Students may not use Barnard courses for the biology minor.

### Transfer Courses

Transfer credits for the majors, concentrators, and the biology minor are not automatically granted. Students should email their [Biology advisor](#) with a transcript and the syllabi from their previous institution to request transfer credit. Transfer credit for Introductory Biology is rarely granted. You can read more about transfer credits in this [FAQ](#). Students may not use transfer courses for the biology minor.

### Study Abroad Courses

If you are planning to study abroad, please meet with your [Advisor](#) before you go. You'll need prior approval for any majors, concentrators, and biology minor courses that you

take abroad. Students may not use study abroad courses for the biology minor.

## Summer Courses

The Department of Biological Sciences offers limited summer courses. Check the [Directory of Classes](#) for Summer course information.

## CORE CURRICULUM CONNECTIONS

Unfortunately, most biology courses are not suitable for most nonscience majors. There are two biology courses in the dept that are designed primarily for nonscientists: Science and Society (BIOL UN1360), and Interpreting Scientific Evidence (BIOL UN2300).

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

#### SURF

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.

A faculty committee headed by Dr. Alice Heicklen then matches selected students to appropriate labs. The deadline for SURF applications is at the beginning of the spring semester.

SURF students must submit a report on their work at the end of the summer session and participate in the following year's annual Undergraduate Research Symposium. Although it does not carry any academic credit, SURF can be used toward the lab requirement for majors and toward graduation with honors.

Current detailed descriptions of the SURF program and the application procedure are available at SURF's website, <https://biology.columbia.edu/content/surf>.

For more information on the Amgen Scholarship Program, please visit <https://biology.columbia.edu/content/amgen-scholars-program>. Applications to all of these programs are through SURF.

#### UN3500

Students can get academic credit for working in a lab, by registering for BIOL UN3500 Independent Research. This is not to be confused with SURF or the Amgen Scholars Program, which fulfill the biology major lab requirement but does not confer academic credit. Generally students register for 3 or 4 credits. A general rule is 4 hours lab time/week/credit, i.e. register for 3 credits for 12 hours of lab time/week and 4 credits from 16 hours of lab time/week. You will need to find a lab to work in. Please make it clear to the head of the lab whether you need to work 12 or 16 hours/week. If you are taking this class for a lab

requirement, you need to take it for a letter grade. You will be required to write a research paper at the end of the semester. (See [UN3500](#) requirements.)

While it's nice to be able to get credit for your lab experience, keep in mind that this means that you're making a commitment to work there for the entire semester.

Senior Thesis Coursework and Requirements

The biology-related majors in the Department of Biological Sciences do not include a Senior Thesis.

Undergraduate Research Outside of Courses

Please see the [Undergraduate Research](#) page on the department website for advice and information on undergraduate research.

DEPARTMENT HONORS AND PRIZES

Department Honors

Students must apply for departmental honors. Applications are due no later than one day before spring break of their senior year. For details, please visit the departmental website at <https://biology.columbia.edu/content/honors-biological-sciences>.

Academic Prizes

Bridges and Sturtevant Prize

This prize results from an anonymous donation in 2011 establishing an endowment for the prize. Bridges and Sturtevant were certainly amazing Columbia undergrads who were true pioneers of modern genetics. Alfred Sturtevant is recounted to have taken time off from studying for classes one weekend to work on understanding some crosses. The result was his figuring out that genes were arranged in a row on a chromosome.

The prize description reads: "Columbia shall .... award an annual prize to be known as the Bridges and Sturtevant Prize in Biological Sciences in honor of Calvin Bridges and Alfred Sturtevant. Their 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. Each year the prize will be awarded to one or more graduating seniors whose experimental or computational research is deemed to have been both highly original and fruitful by a committee of faculty to be selected by the Chair of Biological Sciences."

Faculty members in the Dept. of Biological Sciences can nominate student(s) for the prize. A committee of faculty members decide who will receive the award.

It is awarded yearly, just before graduation.

Awarded to a graduating senior whose research has been deemed highly original and fruitful.

Each student is awarded a monetary prize.

PROFESSORS

Peter Andolfatto
Harmen Bussemaker
Martin Chalfie
Stuart Firestein
Joachim Frank
Iva Greenwald
Oliver Hobert
John Hunt
Songtao Jia
Daniel Kalderon
Darcy Kelley
Laura Landweber
James Manley
Carol Prives
Ronald Prywes
Molly Przeworski
Ozgur Sahin
Brent Stockwell
Simon Tavare
Saeed Tavazoie
Liang Tong
Jian Yang
Rafael Yuste

## ASSOCIATE PROFESSORS

Lars Dietrich

Guy Sella

## ASSISTANT PROFESSORS

Ishmail Abdus-Saboor

Erin Barnhart  
Laura Duvall

Jellert Gaublomme

Marko Jovanovic

Raju Tomer  
Maria Tosches

## LECTURERS

Joshua Abrams

Michelle Attner

Ava Brent

Alice Heicklen

Mary Ann Price

Lili Yamasaki

## ADJUNCT FACULTY

Lewis Brown  
Ronald Guido

Nam Ho

Donald Kirsch

John Loike

Alan Morrison

Deborah Mowshowitz

Vincent Racaniello

David Sable

Christian Schindler

Harold Varmus

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students majoring or minoring in Biology or Related Fields:

1. Review the requirements for your desired major/minor detailed in the links below. Please email Ellie Siddens (mes2314@columbia.edu) to go over the progress of your major completion.
2. Fill out a [major planning form](#) as far as you can, using the checklist and the information in [the bulletin](#). Include both courses you have completed AND courses you plan to take to complete your major.
3. Consult the appropriate [departmental adviser](#) to discuss any variances from the normal guidelines. Your adviser will then email any approved variances from the normal requirements to the biology departments administrator, Ellie Siddens, who will approve your major completion for graduation.
4. Visit the [Major Declaration Page](#) during the Major Declaration Period (usually Spring Break of your Sophomore year) to officially declare your major.

For students majoring in Biochemistry or Neuroscience & Behavior (joint majors), you should consult advisers in both departments to plan your program, each regarding their specific courses (e.g. biology course exceptions will need to be approved by a biology adviser, chemistry course exceptions will need to be approved by a chemistry adviser).

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 minor requirements are detailed on the website and links provided below.

### Double Majoring/Minoring

The Department of Biological Sciences offers five undergraduate majors (Biology, Biophysics, Biochemistry, Computational Biology, and Neuroscience and Behavior), along with a Biology Minor, across two schools: Columbia College and General Studies. Students can only choose one major/minor within the Department. You may not major in Biology/ Biochemistry/ Biophysics/ Computational Biology/ Neuroscience & Behavior and have a Biology Minor.

You cannot major in:

- Biochemistry & also major / minor in chemistry
- Biophysics & also major / minor in physics

- Computational biology & also major / minor in computer science or major/minor in math
- Neuroscience & also major / minor in psychology

Students can only double count two of the following fundamental courses for both a biology-related major/minor and any other major / minor they pursue: General Chemistry I & II or Calc I & II.

Biochemistry (BIOL UN3300 or BIOL GU4501) cannot be counted for a biology-related major / minor and for any other major / minor.

## Course Numbering Structure

NOTE: Numbering does not reflect difficulty but rather whether UGs & graduate students have different requirements:

3000 – Only UGs register

4000 – UGs and graduate students perform the same

5000 – Only graduate students register, requires additional work beyond the 3000 course; 3000 (UGs) & 5000 (Grad.) are different versions of the same course, i.e. same time, location, and lectures

## Guidance for First-Year Students

Please see the [FAQs for First-Year Students](#).

## Guidance for Transfer Students

Please see the [FAQs for Transfer Students](#).

# UNDERGRADUATE PROGRAMS OF STUDY

## Required Coursework for all Programs

All majors and the minor should start with General Chemistry 1 & 2 in their first year at Columbia. This is a required prerequisite before you may begin the Introductory Biology sequence.

All biology-related majors: at least 4 biology or biochemistry courses and at least 18 credits of the total (biology, biochemistry, math, physics, and chemistry) must be taken at Columbia. Barnard courses may not be substituted for the required Columbia courses without advance permission from the adviser. The two required core courses should be taken at Columbia. Courses covering the same topics as Bio dept core courses, but taken elsewhere, are counted as electives, not as core courses.

## 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 get the exception approved by the faculty adviser, who will then send an e-mail explaining the exceptions to [mes2314@columbia.edu](mailto:mes2314@columbia.edu).

## Grade Requirements for the Major

A grade of C- or higher must be earned and revealed on your transcript for any course – including the first – to be counted toward the major, minor, 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.

Please note that a few exceptions are applicable for the following terms:

- All courses in Spring 2020 were taken with mandatory Pass/Fail grades.
- Further exceptions are allowed for 2020-2021, when students can opt to take one course Pass/Fail during the Fall 2020, Spring 2021, and Fall 2021 semesters, without any restrictions - this can be in a course required for their major or minor.
- In Spring 2024, students could opt to take two major/minor courses Pass/Fail.

If you are concerned about a P grade counting for the major, please consult with your adviser.

## COURSES

### Non-Major Courses

The following biology-related courses do not count towards the major or as one of the 4 courses that all biology majors must take at Columbia University. This list is not exhaustive, and you should discuss your major courses with your biology adviser.

- BIOL UN1004 Foundations of Biology
- BIOL UN1130 Genes and Development
- BIOL UN1360 Science and Society
- BIOL UN1908 First-year seminar in biology
- BIOL UN2300 Interpreting Scientific Evidence
- BIOL UN3920 Ignorance
- BIOL UN3995 Topics in Biology: Crossroads in Bioethics
- BIOL GU4305 Seminar in Biotechnology
- BIOL GU4506 Biochemistry in XR: Mixed Reality
- BIOT GU4160 Biotechnology Law
- BIOT GU4180 Entrepreneurship in Biotech
- BIOT GU4200 Biopharmaceutical Development & Regulation
- BIOT GU4201 Seminar in Biotech Development & Regulation
- BIOT GR5170 Intro to Management Principles



- CMLS UN3965 Precision Medicine: Biology
- Any course beginning with the HPSC, SCNC, or BIOT prefix
- All Barnard Courses

## Repeating Biology Courses

Introductory biology I & II (BIOL UN2005/6 & BIOL UN2401/2) may only be taken twice, this includes taking two exams, W, D and F. You may petition to take intro bio I or II a third time. 3000 & 4000 level biology courses may only be taken once. You may petition to take the same course a second time.

## Prerequisites

Course prerequisites are strictly enforced. Prerequisites must be taken before the course, not after or concurrently. Biology courses taken before the completion of any of its prerequisites, even with instructor approval, are not counted toward the major, minor, 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 biology at the direction of the director of undergraduate studies.

## 4+1 Programs

A B- or better in both introductory biology I & II (BIOL UN2005 & BIOL UN2006) are required to be eligible for any 4+1 programs.

## 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, two 3-point electives in biology, 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 a departmental adviser or the director of undergraduate studies obtained in advance. For example, selected courses at the Columbia-Presbyterian Medical Center are open to advanced undergraduates with adviser approval. Credit toward the major for courses not listed in the Columbia College Bulletin must be discussed in advance with a departmental adviser or the director of undergraduate studies. Students are responsible for notifying

the department of all exceptions either in writing or by e-mail as explained above.

Students planning graduate work in biology should keep in mind that physical chemistry and statistics are important for many graduate programs.

## Introductory Courses

The usual one-year introductory biology sequence is BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC-BIOL UN2006 INTRO BIO II:CELL BIO,DEV/PHYS, taken in the sophomore year.

Other sequences require permission in advance from a departmental adviser or the director of undergraduate studies. Students with a strong background in chemistry or molecular biology may take BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC-BIOL UN2006 INTRO BIO II:CELL BIO,DEV/PHYS in their first year; the permission of one of the instructors is required.

Premedical students usually take BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC-BIOL UN2006 INTRO BIO II:CELL BIO,DEV/PHYS after a year of general chemistry.

Students with advanced placement in biology are expected to take BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC as their initial biology course, because BIOL UN2005 INTRO BIO I: BIOCHEM,GEN,MOLEC-BIOL UN2006 INTRO BIO II:CELL BIO,DEV/PHYS is taught at a level of detail and depth not found in most advanced placement courses.

## Core Courses

Two out of the following six departmental core courses are required:

BIOL UN3022	DEVELOPMENTAL BIOLOGY
BIOL UN3031	GENETICS
BIOL UN3041	CELL BIOLOGY
BIOL GU4501 or BIOL UN3300	Biochemistry
BIOL GU4512	Molecular Biology
BIOL GU4560	EVOL IN THE AGE OF GENOMICS

## Laboratory Courses

A laboratory experience in biology is required. It may be fulfilled by completing any one of the following options:

### Option 1:

Select one of the following 5-point laboratory courses:

BIOL UN3058	PROJECT LAB IN MICROBIOLOGY
BIOL UN3052	PROJECT LAB-MOLECULAR GENETICS

### Option 2:

BIOL UN2501	CONTEMPORARY BIOLOGY LAB
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Select an additional 3-point lab such as BIOL UN3040, a 5-point project lab, or a Barnard lab. Barnard labs must be approved by a Biology Major Adviser.

**Option 3:**

Two terms of BIOL UN3500 (3 or 4 credits per term), including the submission of a satisfactory research report at the end of each semester

**Option 4:**

Completion of all the requirements for one session of the Summer Undergraduate Research Fellowship (SURF). An additional semester of BIOL UN3500 in the same research lab is recommended but not required. Summer lab work under other auspices may not be substituted for the SURF Program.

### Upper-Level Elective Courses

Select two additional courses, carrying at least 3 points each, from any of the 3000- or 4000- level lecture courses. BIOL UN3500 INDEP BIOLOGICAL RESEARCH cannot be used as one of the courses to satisfy the upper-level elective course requirement. Any course not listed below must be approved by a biology adviser to count toward the major.

Two additional 3000 or 4000 level biology lecture courses from the following:

BIOL UN3004	NEUROBIO I:CELLULAR # MOLECU LR
BIOL UN3005	NEUROBIO II: DEVPT # SYSTEMS
BIOL UN3006	PHYSIOLOGY
BIOL UN3019	Brain Evolution
BIOL UN3022	DEVELOPMENTAL BIOLOGY
BIOL UN3025	NEUROGENETICS
BIOL UN3031	GENETICS
BIOL UN3041	CELL BIOLOGY
BIOL UN3073	CELLULAR/MOLECULAR IMMUNOLOGY
BIOL UN3300	Biochemistry
BIOL UN3320	Regulation of Behaviors for Survival
BIOL UN3404	The Global Threat of Antimicrobial Resistance
BIOL UN3560	EVOL IN THE AGE OF GENOMICS
or BIOL GU4560	EVOL IN THE AGE OF GENOMICS
BIOL UN3799	MOLECULAR BIOLOGY OF CANCER
or BIOL GU4799	MOLECULAR BIOLOGY OF CANCER
BIOL GU4001	ADVANCED GENETIC ANALYSIS
BIOL GU4002	Macromolecular Structure # Interactions
BIOL GU4034	BIOTECHNOLOGY
BIOL GU4035	SEMINAR IN EPIGENETICS

BIOL GU4036	Transformative Concepts in Systems Biology
BIOL GU4075	BIOLOGY AT PHYSICAL EXTREMES
BIOL GU4080	ANCIENT AND MODERN RNA WORLDS
BIOL GU4193	Stem Cell Biology and Applications
BIOL GU4290	BIOLOGICAL MICROSCOPY
BIOL GU4300	DRUGS AND DISEASE
BIOL GU4310 - Virology	
BIOL GU4323	BIOPHYSICAL CHEMISTRY I
CHEM GU4324	BIOPHYSICAL CHEMISTRY II
BIOL GU4402	Biological Image Computing
BIOL GU4501	Biochemistry
BIOL GU4510	Genomics of Gene Regulation
BIOL GU4512	Molecular Biology
BIOL GU4551	A Structural View of Biology
BIOL GU4600	CELL SIGNALING
BIOL GU4777	From Curiosity to Cure – Case Studies in Cool Biochemistry

Note: SCNC, HPSC & BIOT (many of which are listed on the biology website) courses do not count towards the Major.

### Chemistry

All majors must take chemistry through organic including labs. One of the following three groups of chemistry courses is required:

**Option 1:**

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I- LECTURES and GENERAL CHEMISTRY II- LECTURES
CHEM UN1500 & CHEM UN1501	GENERAL CHEMISTRY LABORATORY and GENERAL CHEMISTRY LAB-LECTURE
CHEM UN2443 & CHEM UN2444	ORGANIC CHEMISTRY I- LECTURES and ORGANIC CHEMISTRY II- LECTURES
CHEM UN2493 & CHEM UN2494	ORGANIC CHEM. LAB I TECHNIQUES and ORGANIC CHEM. LAB II SYNTHESIS

**Option 2:**

For students who qualify for intensive chemistry

CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN1507	INTENSIVE GENERAL CHEMISTRY-LAB
CHEM UN2444 & CHEM UN2443	ORGANIC CHEMISTRY II- LECTURES and ORGANIC CHEMISTRY I- LECTURES

CHEM UN2495      ORGANIC CHEM.  
& CHEM UN2496      LABORATORY I  
                                 and ORGANIC CHEM.  
                                 LABORATORY II

### Option 3:

For students who qualify for first year organic chemistry

CHEM UN1507      INTENSVE GENERAL  
                                 CHEMISTRY-LAB

CHEM UN2045      INTENSVE ORGANIC  
& CHEM UN2046      CHEMISTRY  
                                 and INTENSVE ORG CHEM-  
                                 FOR 1ST YEAR

CHEM UN2495      ORGANIC CHEM.  
& CHEM UN2496      LABORATORY I  
                                 and ORGANIC CHEM.  
                                 LABORATORY II

OR

CHEM UN2545      INTENSIVE ORGANIC CHEM  
                                 LAB

### Physics

Students must take two terms of physics including the accompanying labs. The usual choices are PHYS UN1201-PHYS UN1202 GENERAL PHYSICS II and PHYS UN1291-PHYS UN1292 GENERAL PHYSICS II LABORATORY. Higher-level physics sequences are also acceptable. The 1400-level sequence is recommended for students who plan to take three terms of physics.

### Mathematics

Two semesters of calculus or honors mathematics are required. Students may substitute one semester of statistics (STAT UN1101 or STAT UN1201) for one semester of calculus. For students with AP credit, completion of MATH UN1102 CALCULUS II, MATH UN1201 CALCULUS III, or MATH UN1207 HONORS MATHEMATICS A is sufficient. However, students with AP credit are encouraged to take additional courses in mathematics or statistics at Columbia.

For more details on the biology major requirements, visit <http://biology.columbia.edu/pages/biology-major-requirements>.

## Major in Biochemistry

The required basic courses for the biochemistry major are chemistry through organic, including laboratory, and one year each of physical chemistry, physics, calculus, biology, and biochemistry/molecular biology. The required additional courses are three lecture courses chosen from mathematics, chemistry, and biology, and two upper-level laboratory courses.

Questions regarding the major in general and chemistry requirements should be addressed to the chemistry adviser and questions regarding biology requirements should be addressed to the biology adviser.

For more details, see the [Chemistry](#) section in this Bulletin. For additional information visit the Department of Biological Sciences website: <http://biology.columbia.edu/pages/biochemistry-major-requirements>.

## Major in Biophysics

The requirements for the biophysics major are as follows:

### BIOLOGY COURSES

One year of introductory biology:

BIOL UN2005      INTRO BIO I:  
& BIOL UN2006      BIOCHEM, GEN, MOLEC  
                                 and INTRO BIO II: CELL  
                                 BIO, DEV/PHYS

Select at least one of the following laboratory courses:

BIOL UN3052      PROJECT LAB-MOLECULAR  
                                 GENETICS  
  
or BIOL UN3058      PROJECT LAB IN MICROBIOLOGY  
or BIOL UN3500      INDEP BIOLOGICAL RESEARCH  
or RSRH C0001      FULL-TIME SUMMER RESEARCH  
                                 PROG

One course in biochemistry or molecular biology:

BIOL GU4501      Biochemistry  
or BIOL UN3300      Biochemistry  
or BIOL GU4512      Molecular Biology

Select one of the following core courses:

BIOL GU4002      Macromolecular Structure #  
                                 Interactions  
  
or BIOL GU4075      BIOLOGY AT PHYSICAL EXTREMES  
or BIOL GU4323      BIOPHYSICAL CHEMISTRY I  
or CHEM GU4324      BIOPHYSICAL CHEMISTRY II  
or BIOL GU4551      A Structural View of Biology

### PHYSICS COURSES

Select one of the following sequences to be completed at the end of sophomore year:

PHYS UN1401      INTRO TO MECHANICS #  
& PHYS UN1402      THERMO  
& PHYS UN1403      and INTRO ELEC/MAGNETISM  
& PHYS UN1494      # OPTCS  
                                 and INTRO-CLASSCL #  
                                 QUANTUM WAVES  
                                 and INTRO TO  
                                 EXPERIMENTAL PHYS-LAB  
  
PHYS UN1601      PHYSICS I: MECHANICS/  
& PHYS UN1602      RELATIVITY  
& PHYS UN2601      and PHYSICS II: THERMO,  
& PHYS UN1494      ELEC # MAG  
                                 and PHYSICS III: CLASS/  
                                 QUANTUM WAVE  
                                 and INTRO TO  
                                 EXPERIMENTAL PHYS-LAB

PHYS UN2801 & PHYS UN2802 & PHYS UN3081	ACCELERATED PHYSICS I and ACCELERATED PHYSICS II and INTERMEDIATE LABORATORY WORK
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Select any two physics courses at the 3000-level or above, chosen in consultation with the adviser.

**MATH COURSES**

Calculus I-IV or Ordinary Differential Equations:

MATH UN1101 & MATH UN1102 & MATH UN1201 & MATH UN1202 or MATH UN3027	CALCULUS I and CALCULUS II and CALCULUS III and CALCULUS IV Ordinary Differential Equations
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**CHEMISTRY COURSES**

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I- LECTURES and GENERAL CHEMISTRY II- LECTURES
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**BIOLOGY/PHYSICS ELECTIVE COURSE**

Select one additional course at the 3000- or 4000-level, in either physics or biology. The following are some suggested courses:

BIOL UN3004  or BIOL UN3005 or BIOL UN3022 or BIOL UN3031	NEUROBIO I:CELLULAR # MOLECLR NEUROBIO II: DEVPT # SYSTEMS DEVELOPMENTAL BIOLOGY GENETICS
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For more details, see the *Physics* section in this Bulletin or visit the Department of Biological Sciences website: <http://biology.columbia.edu/pages/biophysics-major-requirements>.

**Major in Neuroscience and Behavior**

In addition to one year of college general chemistry, eleven courses are required to complete the major in neuroscience and behavior—six in biology and five in psychology.

NOTE: For students entering in Fall 2024 or later, two biology elective courses will be required. For students entering prior to Fall 2024, one biology elective course will be required.

For the five courses required in Psychology, see the *Psychology* (p. 445) section in this Bulletin or visit <http://biology.columbia.edu/pages/neuroscience-and-behavior-major-requirements>.

**CHEMISTRY COURSES**

One year of college chemistry is required prior to taking Introductory Biology.

**BIOLOGY COURSES**

One year of introductory biology.

BIOL UN2005 & BIOL UN2006	INTRO BIO I: BIOCHEM,GEN,MOLEC and INTRO BIO II:CELL BIO,DEV/PHYS
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One year of Neurobiology

BIOL UN3004 & BIOL UN3005	NEUROBIO I:CELLULAR # MOLECLR and NEUROBIO II: DEVPT # SYSTEMS
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Two additional 3000 or 4000 level biology lecture courses from the list of Upper Level Electives under the Biology Major.

**AN ADDITIONAL 5 COURSES IN PSYCHOLOGY ARE REQUIRED FOR THE MAJOR**

Please see the Psychology Bulletin linked above.

**Major in Computational Biology**

The Computational Biology major program combines a strong foundation in computer science/data science and basic biology with advanced courses in a variety of subfields. Particular emphasis is placed on laboratory and computational techniques, including genomics, network modeling, and bioinformatics.

Alternative sequences to the above may be arranged in special circumstances with the permission of the departmental adviser or director of undergraduate studies obtained in advance. All exceptions granted by computer science or biology advisers should be forwarded to Ellie Siddens ([mes2314@columbia.edu](mailto:mes2314@columbia.edu)) in biological sciences.

Questions regarding biology requirements should be addressed to the biology adviser and questions regarding computer science or math requirements should be addressed to the computer science advisers.

The required courses are listed below. For details about the Major in Computational Biology, see here: <https://biology.columbia.edu/content/undergraduate-major-requirements>

**Mathematics foundations (4 classes, 12-17 credits)**

The following calculus courses are required:

MATH UN1101	CALCULUS I can be placed out of with AP/IB credit
MATH UN1102 or MATH UN1201	CALCULUS II Calculus III does NOT depend on Calculus II. CALCULUS III

All students must complete computer-science-directed mathematical foundations classes.

MATH UN2010 or APMA E3101 or APMA E2101 or COMS W3251	LINEAR ALGEBRA APPLIED MATH I: LINEAR ALGEBRA INTRO TO APPLIED MATHEMATICS COMPUTATIONAL LINEAR ALGEBRA
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STAT GU4001  or STAT UN1201	INTRODUCTION TO PROBABILITY AND STATISTICS CALC-BASED INTRO TO STATISTICS
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**Chemistry Foundations (2 classes, 8 credits)**



**Option 1: General Chemistry**

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I- LECTURES and GENERAL CHEMISTRY II- LECTURES
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**Option 2: For students who qualify for intensive general chemistry**

CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
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**Introductory Computer Sciences (3 classes, 9-11 credits)**

All students must complete sequentially three courses in computer science:

COMS W1002	COMPUTING IN CONTEXT (with Biology Context)
or ENGI E1006 or COMS W1004	INTRO TO COMP FOR ENG/APP SCI Introduction to Computer Science and Programming in Java
COMS W3132 or COMS W3136 or COMS W3134 or COMS W3137	Intermediate Computing in Python ESSENTIAL DATA STRUCTURES Data Structures in Java HONORS DATA STRUCTURES # ALGOL

Note: COMS 3134 and 3137 should be taken after COMS 1004 or with previous knowledge of Java

COMS W3157 or COMS W3107 or COMS W4111	ADVANCED PROGRAMMING Clean Object-Oriented Design INTRODUCTION TO DATABASES
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**Biology (3 classes, 11-12 credits)**

All students must take the two introductory biology courses:

BIOL UN2005 & BIOL UN2006	INTRO BIO I: BIOCHEM, GEN, MOLEC and INTRO BIO II: CELL BIO, DEV/PHYS
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Students must take one course from this list of core biology courses

BIOL UN3031 or BIOL UN3041 or BIOL UN3022 or BIOL GU4501 or BIOL UN3300 or BIOL GU4512 or BIOL UN3005	GENETICS CELL BIOLOGY DEVELOPMENTAL BIOLOGY Biochemistry Biochemistry Molecular Biology NEUROBIO II: DEVPT # SYSTEMS
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**Lab/research (1 class, 4 credits)**

All students must fulfill a laboratory/research experience. This can only be done after completing Intro Bio (BIOL UN2005 + BIOL UN2006). A research report must be submitted to either the course instructor or the lab research mentor at the end of each semester, and they must in turn confirm to the compbio major advisor that the report was satisfactory. Each project must require the student to (i) formulate a computational strategy to solve a particular biological question, (ii) develop dedicated software code or adapt existing code, (iii) use this code to analyze a suitable data set, and (iv) interpret the results from both a statistical and biological perspective. One option is to perform a research project as part of one these courses:

COMS W4995  or COMS W3998  or COMS W4901	TOPICS IN COMPUTER SCIENCE ((LAB COMPUTATIONAL BIOLOGY)) UNDERGRAD PROJECTS IN COMPUTER SCIENCE Projects in Computer Science
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The other option is to perform lab research for credit using one of these courses:

BIOL UN3500  or RSRH C0001	INDEP BIOLOGICAL RESEARCH FULL-TIME SUMMER RESEARCH PROG
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BIOL UN3500 Independent Biological Research (must be taken for four credits) in a pre-approved lab RSRH 0001 Summer Undergraduate research fellowship (SURF) in a pre-approved lab

Pre-approved labs include Peter Andolfatto, Elham Azizi, Andrew Blumberg, Harmen Bussemaker, Bianca Dumitrascu, Jellert Gaubblomme, David Knowles, Itsik Pe'er, Molly Przeworski, Guy Sella, Simon Tavaré, Saeed Tavazoie. Other labs may be allowable if the project satisfies the conditions above, but only with prior approval from the compbio major advisor.

**Advanced Electives (2 classes, 6-8 credits)**

A biology course at the 3000 or 4000 level from the list of biology major approved core and elective courses.

One of the following computational biology courses:

COMS W4762  or CBMF W4761 or BMEN E4480 or COMS W4995 - computational biology section	Machine Learning for Functional Genomics COMPUTATIONAL GENOMICS Statistical machine learning for genomics
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**Minor in Biology**

Students who wish to minor in biology must design their programs in advance with the director of undergraduate studies or a departmental adviser.

The minor would require 7 courses (25 credits), at least 2 are general chemistry [8 credits] and at least 5 biology [17 credits].

The requirements for the minor in biology are as follows:

**CHEMISTRY COURSES**

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I- LECTURES and GENERAL CHEMISTRY II- LECTURES
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**BIOLOGY COURSES**

BIOL UN2005 & BIOL UN2006	INTRO BIO I: BIOCHEM, GEN, MOLEC and INTRO BIO II: CELL BIO, DEV/PHYS
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Select at least one of the following core courses:

BIOL UN3022 BIOL UN3031 BIOL UN3041	DEVELOPMENTAL BIOLOGY GENETICS CELL BIOLOGY
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BIOL GU4501	Biochemistry
or BIOL UN3300	Biochemistry
BIOL GU4512	Molecular Biology
BIOL GU4560	EVOL IN THE AGE OF GENOMICS
Two additional 3000 or 4000 level biology lecture courses from the list of Upper Level Electives under the Biology Major.	
No lab is required for the biology minor. However, only one biology lab can count towards the 5 biology course requirements. The biology lab options consists of the following:	
BIOL UN2501	CONTEMPORARY BIOLOGY LAB
or BIOL UN3040	LAB IN MOLECULAR BIOLOGY
or BIOL UN3058	PROJECT LAB IN MICROBIOLOGY
or BIOL UN3052	PROJECT LAB-MOLECULAR GENETICS
or BIOL UN3500	INDEP BIOLOGICAL RESEARCH
or RSRH C0001	FULL-TIME SUMMER RESEARCH PROG

BIOL GU4501	Biochemistry
or BIOL UN3300	Biochemistry
BIOL GU4512	Molecular Biology
Plus additional biology elective courses (see electives listed under biology major) to reach a total of 22 points in biology courses.	
No biology lab is required for the concentration. Of the 22 points, a maximum of 5 of the points can come from lab courses. SURF counts as 5 points of lab credit.	
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 STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentration in Biology

The concentration in Biology is only available for students who entered CU in or before the 23-24 academic year.

Students who wish to concentrate in biology must design their programs in advance with a departmental adviser or the director of undergraduate studies.

The requirement for the concentration is 22 points in biology or biochemistry, with at least five courses chosen from the courses listed in the Biological Sciences section of the Bulletin. Additional courses in physics, chemistry, and mathematics are required as detailed below.

Students may not use transfer credits, Barnard courses or courses taken abroad for the biology minor biology course requirements. Please contact Vesna Gasperov (vg2231@columbia.edu) regarding using either transfer credits or courses taken while studying abroad to substitute for the general chemistry course requirements.

The requirements for the concentration in biology are as follows:

BIOL UN2005	INTRO BIO I: BIOCHEM,GEN,MOLEC
BIOL UN2006	INTRO BIO II:CELL BIO,DEV/PHYS
Select at least one of the following core courses:	
BIOL UN3022	DEVELOPMENTAL BIOLOGY
BIOL UN3031	GENETICS
BIOL UN3041	CELL BIOLOGY

# BUSINESS

## THE MENDELSON CENTER:

Department website: [The Mendelson Center](#)

Faculty Director: Amir Ziv

Program Manager: Jocelyn McArthur-Chouloute

email contact address: [MendelsonCenter@gsb.columbia.edu](mailto:MendelsonCenter@gsb.columbia.edu)

The collaboration between the faculty of Arts and Sciences and Columbia Business School offers students access to the ideas and expertise of the faculty of a top-ranked professional school recognized for its excellence in graduate business education through a series of elective courses. These courses, designed by Business School faculty specifically for undergraduates, build upon the strong liberal arts education at Columbia. Students learn how finance is directly connected to the fundamental principles of economics; that marketing utilizes concepts from psychology; and how management depends upon principles developed in psychology and sociology.

Students can take advantage of the opportunity to enhance their experience by participating in co-curricular activities, such as Business School faculty lecture series, industry panels, informal mentoring/networking activities with MBA students and alumni, in addition to research opportunities with Business School faculty.

This curricular and co-curricular programming capitalizes on the Business School's ability to connect academic theory with real-world practice, providing students with the opportunity to develop key leadership skills, an entrepreneurial mindset, and the ability to innovate.

### Eligibility:

- To be eligible to earn a Special Program in Business Management, students must apply to the program in the spring semester of their sophomore or junior years, and they must be accepted through a process governed by the Columbia Business School. Beginning with the Special Program cohort of 2017-2018 (i.e., students accepted via the application process of Spring 2017), the program will accept up to 45 qualified candidates each year. The size of the program may be reviewed from time to time by Columbia College and Columbia Business School and adjusted, if desired by both schools.
- For students who entered Columbia College or General Studies in, or before, Fall 2016: Students who have not been accepted into the Special Concentration program may have the option to "shadow" the Special Concentration in Business Management by taking the required courses if space is available in those courses. Students who "shadow" the program will not be given priority registration in any courses that count toward the Special Concentration. If a student is

able to take all of the courses and earns a 3.0 or higher grade-point average in the prerequisite, core, and elective courses, she or he will be allowed to declare retroactively the Special Concentration and have the program noted on their transcript.

- The shadowing option is no longer available for students who entered Columbia College or General Studies in, or after, Fall 2017.

## APPLICATION REQUIREMENTS

To apply for the special concentration in business management, students must meet these three requirements:

1. Sophomore or junior standing;
2. Have a cumulative GPA of 3.4 or higher;
3. Have received a B+ or better in at least one, but preferably two, of the following three prerequisite courses, i.e. in statistics, economics, and psychology. Students who completed only one prerequisite at the time of application must be currently enrolled in at least one other; acceptance is conditional on achieving a grade of B+ or higher in the second course.

### Statistics Prerequisite

Select one of the following:

STAT UN1001	INTRO TO STATISTICAL REASONING
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS
PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
SOCI UN3020	Social Statistics

### Economics Prerequisite

ECON UN1105	PRINCIPLES OF ECONOMICS
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### Psychology/Sociology Prerequisite

Select one of the following:

PSYC UN1001	THE SCIENCE OF PSYCHOLOGY
PSYC UN1010	Mind, Brain and Behavior
SOCI UN1000	THE SOCIAL WORLD

## Application Components

1. Application form
2. Current class schedule, including a brief description of how all concentration requirements will be completed
3. Official transcript
4. Resume

## Benefits for Admitted Students

The following benefits are available to students admitted through the application process:

1. Guaranteed enrollment in popular undergraduate business courses (must reserve in advance through program manager);

- 2. Access to special guest speaker presentations at the Business School, including business leader or faculty presentations exclusively for admitted students;
- 3. Formal and informal networking opportunities with Business School students, faculty, and alumni.

CURRENT FACULTY

GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

Program Planning for all Students

Eligibility

To apply for the Special Program in Business Management, students must meet three requirements:

- Be of sophomore or junior standing
- Have a cumulative GPA of 3.4 or higher
- Have received a B+ or better in at least one, but preferably two, prerequisite program courses in the following three required areas: statistics, economics, and psychology. Students who have 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.

GUIDELINES FOR ALL BUSINESS MANAGEMENT SPECIAL PROGRAM PARTICIPANTS

The business management special program is not a stand-alone program: it is intended to complement the disciplinary specialization and methodological training inherent in a major. In addition to the special program requirements, students must complete a major.

Students who matriculated at Columbia in Fall 2012 and beyond must earn a minimum GPA of 3.0 in prerequisite, core, and elective courses. Students who matriculated before Fall 2012 must either adhere to the above requirement or previous requirement of B+ or better in at least two of the prerequisites and a minimum GPA of 3.0 in core and elective classes.

Students who do not meet course prerequisites or who do not receive a passing grade do not receive credit for that course towards the special program. All courses must be taken for a letter grade. Only prerequisites may be double counted for other majors or programs. The core classes **cannot** be double counted. Electives may be double counted if a student's major allows double counting.

For information about this special concentration, including the application process, visit [Undergraduate Concentration | Columbia Business School Academics](#)

SPECIAL PROGRAM IN BUSINESS MANAGEMENT

Please read *Guidelines for all Business Management Special Program participants* above.

The requirements for the special program in business management are as follows:

Prerequisites

Select one of the following Statistics courses:	
STAT UN1001	INTRO TO STATISTICAL REASONING
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS
PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
SOCI UN3020	Social Statistics
Select the following Economics course:	
ECON UN1105	PRINCIPLES OF ECONOMICS
Select one of the following Psychology/Sociology courses:	
PSYC UN1001	THE SCIENCE OF PSYCHOLOGY
PSYC UN1010	Mind, Brain and Behavior
SOCI UN1000	THE SOCIAL WORLD

Core

Select one of the following Financial Core courses:	
ECON GU4280	CORPORATE FINANCE
BUSI UN3013	FINANCIAL ACCOUNTING
Select two of the following Managerial Core courses:	
BUSI UN3701	STRATEGY FORMULATION
BUSI UN3021	MARKETING MANAGEMENT
BUSI UN3703	LEADERSHIP IN ORGANIZATION

Electives

Select two of the following courses:	
BUSI UN3702	VENTURING TO CHANGE THE WORLD
BUSI UN3704	Making History Through Venturing
ECON UN2257	THE GLOBAL ECONOMY
ECON UN3025	FINANCIAL ECONOMICS
ECON UN3265	MONEY AND BANKING
ECON GU4415	GAME THEORY
ECON BC2010	The Economics of Gender
ECON BC3013	Economic History of the United States



POLS V3615	Globalization and International Politics
PSYC UN2235	THINKING AND DECISION MAKING
PSYC UN2630	SOCIAL PSYCHOLOGY
PSYC UN2640	INTRO TO SOCIAL COGNITION
PSYC UN2650	INTRO TO CULTURAL PSYCHOLOGY
PSYC BC1136	Social Psychology
PSYC BC1138	Social Psychology
PSYC BC2151	ORGANIZATIONAL PSYCHOLOGY
SOCI UN2240	ECONOMY # SOCIETY
SOCI UN3000	SOCIAL THEORY
SOCI UN3265	SOCIOLOGY OF WORK # GENDER
SOCI UN3490	MISTAKE, MISCONDUCT, DISASTER
SOCI W3670	Culture, Markets, and Consumption
SOCI UN3677	The Organization of Diversity
SOCI S3675Q	Organizing Innovation
SOCI G4032	Sociology of Labor Markets
BIOT GU4201	SEM-BIOTECH DEVPT # REGULATION
HIST BC2101	HISTORY OF CAPITALISM
MATH UN3050	DISCRETE TIME MODELS IN FINANC
SDEV UN2320	ECON # FIN MTHDS FOR SDEV
URBS UN3550	Community Building and Economic Development

NOTE: Students may not receive credit for two or more of PSYC BC1136 Social Psychology, *PSYC BC1138 Social Psychology*, and PSYC UN2630 SOCIAL PSYCHOLOGY.

# CHEMISTRY

## THE CHEMISTRY DEPARTMENT

Department website: <https://www.chem.columbia.edu/>

Office location: 340 Havemeyer Hall

Office contact: 212-854-6177

Interim Director of Undergraduate Studies: Dr. Vesna Gasperov, 319 Uris; 212-854-2017; [vg2231@columbia.edu](mailto:vg2231@columbia.edu)

## THE STUDY OF CHEMISTRY

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.

## STUDENT ADVISING

### Consulting Advisers

Dr. Vesna Gasperov ([vg2231@columbia.edu](mailto:vg2231@columbia.edu))

### Enrolling in Classes

Dr. Vesna Gasperov ([vg2231@columbia.edu](mailto:vg2231@columbia.edu))

### Preparing for Graduate Study

Dr. Vesna Gasperov ([vg2231@columbia.edu](mailto:vg2231@columbia.edu))

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

The department grants advanced placement (AP) credit for a score of 4 or 5 or the equivalent. The amount of credit granted is based on the results of the department assessment exam and completion of the requisite course. Students who register for CHEM UN1604 (2ND TERM GEN CHEM, INTENSIVE) are granted 3 points of credit; students who register for CHEM UN2045 (INTENSIVE ORGANIC CHEMISTRY I-CHEM UN2046 INTENSIVE ORGANIC CHEM II) are granted 6 points of credit. In either case, credit is granted only upon completion of the course with a grade of C or better. Students must complete a department assessment exam prior to registering for either of these courses.

### Transfer Courses

Students who are transferring to Columbia should contact Dr. Vesna Gasperov ([vg2231@columbia.edu](mailto:vg2231@columbia.edu)) to have any chemistry courses assessed for equivalency. Please email a detailed syllabus and transcript.

### Study Abroad Courses

Chemistry department majors who are planning to study abroad should contact Dr. Vesna Gasperov ([vg2231@columbia.edu](mailto:vg2231@columbia.edu)) if they wish to study any chemistry abroad.

## UNDERGRADUATE RESEARCH

### Undergraduate Research in Courses

Students can get academic credit for undergraduate research by registering for CHEM UN3098 Supervised Independent Research. Generally, students register for 4 credits as this will fulfill one of the requirements of the Chemistry major. You will be expected to commit the same number of hours to research as you would for any other 4 credit class, around 12-16 hours per week throughout the entire semester. You need to obtain permission from your faculty sponsor and Dr. Gasperov to register for UN3098. At the end of the semester, you will be

required to present a poster of your research results at a poster session for all UN3098 students.

## Undergraduate Research Outside of Courses

Students often ask, why should I do research? Research is exciting! You will design experiments, discover phenomena and make new molecules that no one has ever seen before. Furthermore, there are several practical reasons why you should consider research as an undergraduate student.

Research is a great way to learn more about chemistry. The concepts you learn in the classroom will come to light when you do research. You will also learn more about instrumentation, data analysis, and gain experience in writing reports, preparing posters, and discussing science with your research group members.

Research is a great career builder! Whether you are considering graduate school, professional school, or joining the workforce after graduation, research as an undergraduate will be an invaluable experience that will sharpen your critical thinking and provide you with the unique opportunity to work alongside world-leading faculty, graduate students and post-doctoral fellows.

The faculty in the Department of Chemistry carry out fundamental and applied research at both the core and frontiers of this scientific discipline. There are many opportunities for research during the academic year and in the summer with faculty in the department.

If you are interested in working in a research laboratory, you should take the following steps:

Investigate faculty research projects by using the department's website,

<http://chem.columbia.edu/research/>, or by speaking directly with faculty members.

Decide which faculty research project interests you.

Contact that faculty member directly to inquire about research opportunities within his/her laboratory.

The Program Manager for Undergraduate Studies, Dr. Vesna Gasperov, can assist you with this process.

Qualified students can take the First Year Seminar in Chemical Research course (CHEM UN2408) during the Spring semester in which you will have the opportunity to learn about research conducted within the chemistry department and other science departments in the university. This can help to identify areas of interest that you may not have considered.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

Departmental honors are awarded to 10 percent of the graduating majors each year.

To be considered for department honors, students must have a grade point average of at least 3.6 in major courses and have participated in research on a project of high quality.

Biochemistry majors may be considered for Honors in either Chemistry or Biological Sciences.

### Academic Prizes

#### THE THOMAS J. KATZ PRIZE

Established in 2009 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.

#### THE RICHARD BERSOHN PRIZE

Established in 2009 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.

## OTHER IMPORTANT INFORMATION

### Track Information

In the first year, Track 1 students with one year of high school chemistry take a one-year course in general chemistry, and the one-term laboratory course that accompanies it. In the second year, students study organic chemistry, and take organic chemistry laboratory.

Students who qualify by prior assessment during orientation week can place into the advanced tracks. There are two options. Track 2 students take, in the fall term, a special one-term intensive course in general chemistry in place of the one-year course. In the second year, students study organic chemistry and take organic chemistry laboratory. Track 3 students take a one-term intensive general chemistry laboratory course in the fall followed by a one-year course in organic chemistry for first-year students. The organic chemistry lecture sequence is taken spring-fall. In the second year, students may enroll in physical chemistry and the organic chemistry laboratory course.

Additional information on the tracks can be found in the *Requirements* section.

### Additional Courses

First-year students may also elect to take CHEM UN2408. This seminar focuses on topics in modern chemistry, and is offered

to all students who have taken at least one semester of college chemistry and have an interest in chemical research.

Biochemistry (BIOC GU4501, BIOC GU4512) is recommended for students interested in the biomedical sciences.

Physical chemistry (CHEM UN3079-CHEM UN3080), a one-year program, requires prior preparation in mathematics and physics. The accompanying laboratory is CHEM UN3085-CHEM UN3086.

Also offered are a senior seminar (CHEM UN3920); advanced courses in biochemistry, inorganic, organic, and physical chemistry; and an introduction to research (CHEM UN3098).

## Sample Programs

Some *typical* programs are shown below. Programs are crafted by the student and the Director of Undergraduate Studies and Program Manager to meet individual needs and interests.

### Track 1

#### First Year

CHEM UN1403	GENERAL CHEMISTRY I-LECTURES
CHEM UN1404	GENERAL CHEMISTRY II-LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY
CHEM UN2408	1ST YEAR SEM IN CHEMICAL RES

Calculus and physics as required.

#### Second Year

CHEM UN2443	ORGANIC CHEMISTRY I-LECTURES
CHEM UN2444	ORGANIC CHEMISTRY II-LECTURES
CHEM UN2493	ORGANIC CHEM. LAB I TECHNIQUES
CHEM UN2494	ORGANIC CHEM. LAB II SYNTHESIS

Calculus and physics as required.

#### Third Year

CHEM UN3079	PHYSICAL CHEMISTRY I-LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II-LECTURES
BIOC GU4501	BIOCHEM I-STRUCTURE/METABOLISM
CHEM UN3546	ADVANCED ORGANIC CHEMISTRY LAB
CHEM UN3098	SUPERVISED INDEPENDENT RES

### Fourth Year

CHEM UN3085	PHYSICAL-ANALYTICAL LABORATORY I
CHEM UN3086	PHYSICAL-ANALYTICAL LABORATORY II
CHEM UN3920	SENIOR SEMINAR
CHEM GU4071	INORGANIC CHEMISTRY
Advanced courses (4000-level or higher)	

### Track 2

#### First Year

CHEM UN1507	INTENSIVE GENERAL CHEMISTRY-LAB
CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN2408	1ST YEAR SEM IN CHEMICAL RES

Calculus and physics as required.

#### Second Year

CHEM UN2443	ORGANIC CHEMISTRY I-LECTURES
CHEM UN2444	ORGANIC CHEMISTRY II-LECTURES
CHEM UN2493	ORGANIC CHEM. LAB I TECHNIQUES
CHEM UN2494	ORGANIC CHEM. LAB II SYNTHESIS

Calculus and physics as required.

#### Third Year

CHEM UN3079	PHYSICAL CHEMISTRY I-LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II-LECTURES
BIOC GU4501	BIOCHEM I-STRUCTURE/METABOLISM
CHEM UN3546	ADVANCED ORGANIC CHEMISTRY LAB
CHEM UN3098	SUPERVISED INDEPENDENT RES

#### Fourth Year

CHEM UN3085	PHYSICAL-ANALYTICAL LABORATORY I
CHEM UN3086	PHYSICAL-ANALYTICAL LABORATORY II
CHEM UN3920	SENIOR SEMINAR
CHEM GU4071	INORGANIC CHEMISTRY
Advanced courses (4000-level or higher)	



## Track 3

### First Year

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN2045	INTENSVE ORGANIC CHEMISTRY
CHEM UN2408	1ST YEAR SEM IN CHEMICAL RES

Calculus and Physics as required.

### Second Year

CHEM UN2046	INTENSVE ORG CHEM-FOR 1ST YEAR
CHEM UN3079	PHYSICAL CHEMISTRY I- LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II- LECTURES
CHEM UN2545	INTENSIVE ORGANIC CHEM LAB
CHEM UN3546	ADVANCED ORGANIC CHEMISTRY LAB

Calculus and physics as required.

### Third Year

BIOC GU4501	BIOCHEM I-STRUCTURE/ METABOLISM
CHEM UN3085	PHYSICL-ANALYTICL LABORATORY I
CHEM UN3086	PHYSICL-ANALYTCL LABORATORY II
CHEM UN3098	SUPERVISED INDEPENDENT RES
CHEM GU4071	INORGANIC CHEMISTRY

### Fourth Year

CHEM UN3920	SENIOR SEMINAR
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Advanced courses (4000-level or higher)

## PROFESSORS

Luis Campos  
Virginia W. Cornish  
Richard A. Friesner  
Ruben Gonzalez  
Laura Kaufman  
James L. Leighton  
Ann E. McDermott  
Wei Min  
Jack R. Norton  
Colin Nuckolls  
Gerard Parkin  
David R. Reichman  
Tomislav Rovis  
Dalibor Sames  
Brent Stockwell  
James J. Valentini

Latha Venkataraman  
Xiaoyang Zhu

## ASSOCIATE PROFESSORS

Timothy Berkelbach  
Angelo Cacciuto  
Jonathan Owen  
Xavier Roy

## ASSISTANT PROFESSORS

Milan Delor  
Neel Shah  
Makeda Tekle-Smith

## SENIOR LECTURERS

Luis Avila  
Anna Ghurbanyan  
Sarah Hansen  
Fay Ng  
Joseph Ulichny

## LECTURERS

Robert Beer  
John Decatur  
Charles E. Doubleday  
Christopher Eckdahl  
Ruben Savizky  
Talha Siddiqui

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

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.

In the first year, Track 1 students with one year of high school chemistry take a one-year course in general chemistry, and the one-term laboratory course that accompanies it. In the second year, students study organic chemistry, and take organic chemistry laboratory.

Students who qualify by prior assessment during orientation week can place into the advanced tracks. There are two options. Track 2 students take, in the fall term, a special one-term intensive course in general chemistry in place of the one-year course. In the second year, students study organic chemistry and take organic chemistry laboratory. Track 3 students take a one-year course in organic chemistry for first-year students and the one-term intensive general chemistry laboratory course. In the

second year, students may enroll in physical chemistry and the organic chemistry laboratory course.

The results of the department assessment exam are used to advise students which track to pursue. The Department of Chemistry offers three different tracks. Students who wish to take Track 2 or 3 classes must take the department assessment exam. Students who wish to pursue Track 1 classes do not need to take the assessment exam.

Additional information on the tracks can be found in the Requirements section.

## Guidance for Transfer Students

Students who are transferring to Columbia should contact Dr. Vesna Gasperov ([vg2231@columbia.edu](mailto:vg2231@columbia.edu)) to have any chemistry courses assessed for equivalency. Please email a detailed syllabus and transcript.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

Students majoring in chemistry or in one of the interdepartmental majors in chemistry should go to the director of undergraduate studies or the undergraduate program manager in the Department of Chemistry to discuss their program of study. Chemistry majors and interdepartmental majors usually postpone part of the Core Curriculum beyond the sophomore year.

#### Chemistry Tracks

All students who wish to start with Track 2 or 3 courses must take an assessment during orientation week ahead of fall semester. The results of the assessment are used to advise students which track to pursue. Unless otherwise specified below, all students must complete one of the following tracks:

#### Track 1

CHEM UN1403	GENERAL CHEMISTRY I-LECTURES
CHEM UN1404	GENERAL CHEMISTRY II-LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY
CHEM UN2443	ORGANIC CHEMISTRY I-LECTURES
CHEM UN2444	ORGANIC CHEMISTRY II-LECTURES
CHEM UN2493	ORGANIC CHEM. LAB I TECHNIQUES
CHEM UN2494	ORGANIC CHEM. LAB II SYNTHESIS

#### Track 2

CHEM UN1500	GENERAL CHEMISTRY LABORATORY
or CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN2443	ORGANIC CHEMISTRY I-LECTURES
CHEM UN2444	ORGANIC CHEMISTRY II-LECTURES
CHEM UN2493	ORGANIC CHEM. LAB I TECHNIQUES
CHEM UN2494	ORGANIC CHEM. LAB II SYNTHESIS

#### Track 3

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN2045	INTENSVE ORGANIC CHEMISTRY
CHEM UN2046	INTENSVE ORG CHEM-FOR 1ST YEAR
CHEM UN2545	INTENSIVE ORGANIC CHEM LAB

#### Physics Sequences

Unless otherwise specified below, all students must complete one of the following sequences:

#### Sequence A

For students with limited background in high school physics:

PHYS UN1401	INTRO TO MECHANICS # THERMO
PHYS UN1402	INTRO ELEC/MAGNETISM # OPTCS
PHYS UN1403	INTRO-CLASSCL # QUANTUM WAVES

For chemistry majors, the following laboratory courses are recommended, NOT required. For chemical physics majors, ONE of the following laboratory courses are required:

PHYS UN1494	INTRO TO EXPERIMENTAL PHYS-LAB
PHYS UN3081	INTERMEDIATE LABORATORY WORK

#### Sequence B

PHYS UN1601	PHYSICS I:MECHANICS/RELATIVITY
PHYS UN1602	PHYSICS II: THERMO, ELEC # MAG
PHYS UN2601	PHYSICS III:CLASS/QUANTUM WAVE

For chemistry majors, the following laboratory course is recommended NOT required. For chemical physics majors, the following laboratory course is required:

PHYS UN3081 INTERMEDIATE  
LABORATORY WORK

### Sequence C

For students with advanced preparation in physics and mathematics:

PHYS UN2801 ACCELERATED PHYSICS I  
& PHYS UN2802 and ACCELERATED PHYSICS II

For chemistry majors, the following laboratory course is recommended NOT required. For chemical physics majors, the following laboratory course is required:

PHYS UN3081 INTERMEDIATE  
LABORATORY WORK

## Major in Chemistry

Select one of the tracks outlined above in *Guidelines for all Chemistry Majors, Concentrators, and Interdepartmental Majors* and complete the following lectures and labs.

### Chemistry

Select one of the chemistry tracks outlined above.

CHEM UN2408 1ST YEAR SEM IN CHEMICAL  
RES (Recommended NOT  
required)

CHEM UN3079 PHYSICAL CHEMISTRY I-  
LECTURES

CHEM UN3080 PHYSICAL CHEMISTRY II-  
LECTURES

CHEM UN3085 PHYSICL-ANALYTICL  
LABORATORY I

CHEM UN3086 PHYSICL-ANALYTCL  
LABORATORY II

CHEM UN3546 ADVANCED ORGANIC  
CHEMISTRY LAB

CHEM UN3920 SENIOR SEMINAR

CHEM GU4071 INORGANIC CHEMISTRY

Select one course from the following:

CHEM UN3098 SUPERVISED INDEPENDENT  
RES

OR Chemistry courses numbered CHEM GU4000 or above  
for 2 credit points or more

### Physics

Select one of the physics sequences outlined above in the  
Guidelines section.

### Mathematics

Select one of the following sequences:

Four semesters of calculus:

MATH UN1101 CALCULUS I  
& MATH UN1102 and CALCULUS II  
& MATH UN1201 and CALCULUS III  
& MATH UN1202 and CALCULUS IV

Two semesters of honors mathematics:

MATH UN1207 HONORS MATHEMATICS A  
& MATH UN1208 and HONORS MATHEMATICS  
B

## Major in Biochemistry

Select one of the tracks outlined above in *Guidelines for all Chemistry Majors, Concentrators, and Interdepartmental Majors* and complete the following lectures and labs.

### Chemistry

Select one of the chemistry tracks outlined above.

CHEM UN2408 1ST YEAR SEM IN CHEMICAL  
RES (Recommended NOT  
required)

CHEM UN3079 PHYSICAL CHEMISTRY I-  
LECTURES

CHEM UN3080 PHYSICAL CHEMISTRY II-  
LECTURES

### Biology

BIOL UN1908 First Year Seminar in Biology  
(Recommended NOT required)

BIOL UN2005 INTRO BIO I:  
BIOCHEM,GEN,MOLEC

BIOL UN2006 INTRO BIO II:CELL BIO,DEV/  
PHYS

BIOC GU4501 BIOCHEM I-STRUCTURE/  
METABOLISM  
or BIOC UN3300 BIOCHEMISTRY

BIOC GU4512 MOLECULAR BIOLOGY

### Physics

Select one of the following physics sequences:

Sequence A:

PHYS UN1201 GENERAL PHYSICS I  
& PHYS UN1202 and GENERAL PHYSICS II

Sequence B:

PHYS UN1401 INTRO TO MECHANICS #  
& PHYS UN1402 THERMO  
& PHYS UN1403 and INTRO ELEC/MAGNETISM  
# OPTCS  
and INTRO-CLASSCL  
# QUANTUM WAVES  
(PHYS UN1403 is recommended  
NOT required)

Sequence C:

PHYS UN1601 & PHYS UN1602 & PHYS UN2601  
 PHYSICS I:MECHANICS/  
 RELATIVITY  
 and PHYSICS II: THERMO,  
 ELEC # MAG  
 and PHYSICS III:CLASS/  
 QUANTUM WAVE  
 (PHYS UN2601 is recommended  
 but not required)

#### Sequence D:

PHYS UN2801 & PHYS UN2802  
 ACCELERATED PHYSICS I  
 and ACCELERATED PHYSICS  
 II

### Mathematics

Select one of the following sequences:

#### Two semesters of calculus:

MATH UN1101 & MATH UN1102  
 & MATH UN1201 & MATH UN1202  
 CALCULUS I  
 and CALCULUS II  
 and CALCULUS III  
 and CALCULUS IV

#### Two semesters of honors mathematics:

MATH UN1207 & MATH UN1208  
 HONORS MATHEMATICS A  
 and HONORS MATHEMATICS  
 B

AP credit and one term of calculus (Calculus II or higher)

### Additional Courses

Select two of the following upper level laboratory courses  
 (one must be a Biology lab):

BIOL UN2501 & BIOL UN3040  
 CONTEMPORARY BIOLOGY  
 LAB  
 and LAB IN MOLECULAR  
 BIOLOGY (A 3 pt. Barnard lab  
 course, with permission from Bio  
 advisor)

BIOL UN3052  
 PROJECT LAB-MOLECULAR  
 GENETICS

BIOL UN3058  
 PROJECT LAB IN  
 MICROBIOLOGY

BIOL UN3500  
 INDEP BIOLOGICAL  
 RESEARCH

CHEM UN3085  
 PHYSICL-ANALYTICL  
 LABORATORY I

CHEM UN3086  
 PHYSICL-ANALYTCL  
 LABORATORY II

CHEM UN3098  
 SUPERVISED INDEPENDENT  
 RES

CHEM UN3546  
 ADVANCED ORGANIC  
 CHEMISTRY LAB

Select any three courses from the following:

CHEM GU4071  
 INORGANIC CHEMISTRY

CHEM GU4102  
 CHEMISTRY FOR THE BRAIN

CHEM GU4103  
 ORGANOMETALLIC  
 CHEMISTRY

CHEM GU4147  
 ADVANCED ORGANIC  
 CHEMISTRY I

CHEM GU4312  
 CHEMICAL BIOLOGY

CHEM GU4313  
 Peptide and Protein Chemistry

BIOC GU4323  
 Biophysical Chemistry I

BIOC GU4324  
 Biophysical Chemistry II

MATH UN3027 or MATH UN2030  
 Ordinary Differential Equations  
 ORDINARY DIFFERENTIAL  
 EQUATIONS

One additional semester of calculus

One additional semester of honors math:

MATH UN1207 or MATH UN1208  
 HONORS MATHEMATICS A  
 HONORS MATHEMATICS B

Any biology course at the 3000/4000 level for 3 or more  
 points. The following are recommended:

BIOL UN3004  
 NEUROBIO I:CELLULAR #  
 MOLECLR

or BIOL UN3005  
 NEUROBIO II: DEVPT # SYSTEMS

BIOL UN3008  
 The Cellular Physiology of Disease

BIOL UN3022  
 DEVELOPMENTAL BIOLOGY

BIOL UN3034  
 Biotechnology

BIOL UN3041  
 CELL BIOLOGY

BIOL UN3073  
 CELLULAR/MOLECULAR  
 IMMUNOLOGY

BIOL GU4065  
 Molecular Biology of Disease

BIOL GU4300  
 DRUGS AND DISEASE

## Major in Chemical Physics

Select one of the tracks outlined above in *Guidelines for all  
 Chemistry Majors, Concentrators, and Interdepartmental  
 Majors* and complete the following lectures and labs.

### Chemistry

Select one of the chemistry tracks outlined above.

CHEM UN3079  
 PHYSICAL CHEMISTRY I-  
 LECTURES

CHEM UN3080  
 PHYSICAL CHEMISTRY II-  
 LECTURES

CHEM UN3085  
 PHYSICL-ANALYTICL  
 LABORATORY I

CHEM UN3086  
 PHYSICL-ANALYTCL  
 LABORATORY II

CHEM UN3920  
 SENIOR SEMINAR

CHEM GU4221 or PHYS GU4021  
 QUANTUM CHEMISTRY I  
 QUANTUM MECHANICS I

### Physics

Select one of the physics sequences outlined above in  
*Guidelines for all Chemistry Majors, Concentrators and  
 Interdepartmental Majors*. For the chemical physics major,  
 one lab MUST be completed for the sequence chosen.

Complete the following lectures:

PHYS UN3003  
 MECHANICS

PHYS UN3007  
 ELECTRICITY-MAGNETISM

PHYS UN3008  
 ELECTROMAGNETIC WAVES  
 # OPTICS

### Mathematics

Select one of the following sequences:

Four semesters of calculus:



MATH UN1101      CALCULUS I  
& MATH UN1102      and CALCULUS II  
& MATH UN1201      and CALCULUS III  
& MATH UN1202      and CALCULUS IV

Two semesters of honors mathematics:

MATH UN1207      HONORS MATHEMATICS A  
& MATH UN1208      and HONORS MATHEMATICS  
& MATH UN3027      B  
                                 and Ordinary Differential  
                                 Equations

Two semesters of advanced calculus:

MATH UN1202      CALCULUS IV  
& MATH UN3027      and Ordinary Differential  
                                 Equations

## 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. A second semester of Organic Chemistry lecture is recommended NOT required.

CHEM UN3079      PHYSICAL CHEMISTRY I-  
                                 LECTURES

CHEM GU4071      INORGANIC CHEMISTRY

The following courses are recommended NOT required:

CHEM UN2408      1ST YEAR SEM IN CHEMICAL  
                                 RES

CHEM UN3920      SENIOR SEMINAR

### Earth and Environmental Science

Select two of the following three courses:

EESC UN2100      EARTH'S ENVIRO SYST: CLIM  
                                 SYST

EESC UN2200      EARTH'S ENVIRONMENTAL  
                                 SYSTEMS: THE SOLID EARTH

EESC UN2300      EARTH'S ENVIRO SYST: LIFE  
                                 SYST

Additional course required:

EESC UN3101      Geochemistry for a Habitable  
                                 Planet

Select one of the following labs:

EESC BC3016      ENVIRONMENTAL  
                                 MEASUREMENTS

CHEM UN3085      PHYSICL-ANALYTICL  
                                 LABORATORY I

Select one option for Independent Research in Environmental Chemistry:

EESC BC3800      ENVIR SCIENCE SENIOR  
& EESC BC3801      SEMINAR  
                                 and ENVIR SCIENCE SENIOR  
                                 SEM II

CHEM UN3098      SUPERVISED INDEPENDENT  
                                 RES (It is strongly recommended  
                                 to take CHEM UN3920 if taking  
                                 CHEM UN3098)

### Physics

Select one of the following physics sequences:

Sequence A:

PHYS UN1201      GENERAL PHYSICS I  
& PHYS UN1202      and GENERAL PHYSICS II

Sequence B:

PHYS UN1401      INTRO TO MECHANICS #  
& PHYS UN1402      THERMO  
& PHYS UN1403      and INTRO ELEC/MAGNETISM  
                                 # OPTCS  
                                 and INTRO-CLASSCL  
                                 # QUANTUM WAVES  
                                 (Recommended NOT required)

Sequence C:

PHYS UN1601      PHYSICS I:MECHANICS/  
& PHYS UN1602      RELATIVITY  
& PHYS UN2601      and PHYSICS II: THERMO,  
                                 ELEC # MAG  
                                 and PHYSICS III:CLASS/  
                                 QUANTUM WAVE  
                                 (Recommended, not required)

Sequence D:

PHYS UN2801      ACCELERATED PHYSICS I  
& PHYS UN2802      and ACCELERATED PHYSICS  
                                 II

### Mathematics

Two semesters of calculus:

MATH UN1101      CALCULUS I

MATH UN1102      CALCULUS II

MATH UN1201      CALCULUS III

MATH UN1202      CALCULUS IV

### Additional Courses

Select any two of the following:

#### Chemistry:

CHEM UN3080      PHYSICAL CHEMISTRY II-  
                                 LECTURES

CHEM GU4103      ORGANOMETALLIC  
                                 CHEMISTRY

CHEM GU4147      ADVANCED ORGANIC  
                                 CHEMISTRY I

#### Earth and Environmental Science:

EESC BC3017      ENVIRONMENTAL DATA  
                                 ANALYSIS

EESC BC3025      HYDROLOGY

EESC GU4008      Introduction to Atmospheric  
                                 Science

EESC GU4009      CHEMICAL GEOLOGY

EESC GU4040      CLIM THERMODYN/ENERGY  
                                 TRANSFER

EESC GU4050      GLOBAL ASSMT-REMOTE  
                                 SENSING

EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC GU4888	Stable Isotope Geochemistry
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4925	INTRO TO PHYSICAL OCEANOGRAPHY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

**Earth and Environmental Engineering:**

EAEE E4001	INDUST ECOLOGY-EARTH RESOURCES
EAEE E4003	AQUATIC CHEMISTRY

**Mathematics:**

One additional semester of calculus

## Minor in Chemistry

Students should select one of the following tracks:

**Track 1**

CHEM UN1403	GENERAL CHEMISTRY I- LECTURES
CHEM UN1404	GENERAL CHEMISTRY II- LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY
CHEM UN2443	ORGANIC CHEMISTRY I- LECTURES

**Track 2**

CHEM UN1500	GENERAL CHEMISTRY LABORATORY
or CHEM UN1507	INTENSVE GENERAL CHEMISTRY- LAB
CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)
CHEM UN2443	ORGANIC CHEMISTRY I- LECTURES

**Track 3**

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN2045	INTENSVE ORGANIC CHEMISTRY
CHEM UN2046	INTENSVE ORG CHEM-FOR 1ST YEAR

Select an additional two classes from the following options:

CHEM UN2444	ORGANIC CHEMISTRY II- LECTURES
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CHEM UN3079	PHYSICAL CHEMISTRY I- LECTURES
CHEM UN3080	PHYSICAL CHEMISTRY II- LECTURES
CHEM GU4071	INORGANIC CHEMISTRY
BIOC GU4501	BIOCHEM I-STRUCTURE/ METABOLISM

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Chemistry

No more than four points of CHEM UN3098 SUPERVISED INDEPENDENT RES may be counted toward the concentration.

Select one of the three chemistry tracks listed below.

PHYS UN1201 & PHYS UN1202	GENERAL PHYSICS I and GENERAL PHYSICS II
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Two semesters of calculus

### Chemistry Tracks

**Track 1**

CHEM UN1403	GENERAL CHEMISTRY I- LECTURES
CHEM UN1404	GENERAL CHEMISTRY II- LECTURES
CHEM UN1500	GENERAL CHEMISTRY LABORATORY

Select 22 points of chemistry at the 2000-level or higher (excluding CHEM UN2408).

**Track 2**

CHEM UN1500	GENERAL CHEMISTRY LABORATORY
or CHEM UN1507	INTENSVE GENERAL CHEMISTRY- LAB
CHEM UN1604	2ND TERM GEN CHEM (INTENSIVE)

Select 22 points of chemistry at the 2000-level or higher (excluding CHEM UN2408).

**Track 3**

CHEM UN1507	INTENSVE GENERAL CHEMISTRY-LAB
CHEM UN2045	INTENSVE ORGANIC CHEMISTRY
CHEM UN2046	INTENSVE ORG CHEM-FOR 1ST YEAR

Select 18 points of chemistry at the 2000-level or higher (excluding CHEM UN2408).

# CLASSICS

## THE DEPARTMENT OF CLASSICS

Department website: <https://classics.columbia.edu/>

Office location: 617 Hamilton Hall

Office contact: 212-854-3902, [classics@columbia.edu](mailto:classics@columbia.edu)  
[videogameugrad@columbia.edu](mailto:videogameugrad@columbia.edu)

Director of Undergraduate Studies: Professor Nikolas Kakkoufa,  
[Nk2776@columbia.edu](mailto:Nk2776@columbia.edu)

Department Administrator (DAAF): Jared Stickley,  
[js5074@columbia.edu](mailto:js5074@columbia.edu)

## THE STUDY OF CLASSICS

Classics is the study of the civilizations of ancient Greece and Rome (c. 900 BCE to 500 CE): their languages, literature, history, philosophy, art, and ways of life. The Department of Classics offers a wide variety of courses, geared at students with different interests and at all levels of preparation. These include courses on ancient civilization in all its diversity, classes on ancient literature in translation, and numerous courses in ancient Greek and Latin, from elementary language classes to advanced literature courses. We also offer courses on ancient Egypt as well as the Near East, Medieval Latin, and Modern Greek.

## STUDENT ADVISING

### Consulting Advisers

Director of Undergraduate Studies: Professor Nikolas Kakkoufa,  
[Nk2776@columbia.edu](mailto:Nk2776@columbia.edu)

Students should consult with the DUS who will direct them to the appropriate faculty advisor for their research interest area.

### Enrolling in Classes

Students starting in the Major should start with the language placement exam to determine the appropriate language level for their prior knowledge. Exams are administered in late August by the Department of Classics. Students who cannot take the exam should contact the Director of Undergraduate Studies to make arrangements.

For those students who are starting the major without prior knowledge of the ancient languages please start at the beginning of the sequence (1000 level) in one of the ancient languages and speak to the Director of Undergraduate Studies to determine your best course of study.

### Preparing for Graduate Study

<https://classics.columbia.edu/preparation-for-graduate-study>

Students who are considering graduate work in Classics should be aware that because our Classics major is not a pre-professional degree, simply fulfilling the normal major

requirements will not guarantee admission to a graduate program. By far the most important element in preparation for graduate school admission is a good command of both the Latin and the Greek languages, so students who wish to go to graduate school should attempt to reach the advanced level in both languages. The two courses at the intermediate level required in the secondary language for the Classics major are not enough for admission to most graduate programs, and the language requirements of both Classical Studies and Ancient Studies are well below the level normally necessary for graduate school admission. The importance of languages holds not only for students wishing to study ancient literature, but also for those interested primarily in other aspects of the ancient world (history, art, philosophy, religion, etc.), because it is not possible to pursue advanced research successfully unless one can make use of the primary sources. Students who have not done the requisite amount of language work and wish to go to graduate school can enroll in a post-baccalaureate program (either at Columbia or at another institution) to do one or two years of intensive language work before starting graduate school.

While knowledge of Latin and Greek is the most important factor in graduate school admission, it is by no means the only one. Students considering graduate work are also advised to write a senior thesis (and not to substitute the thesis for any of the other advanced courses). If possible, it is a good idea to use some of your summers (especially the one between junior and senior year) on a relevant activity such as archaeological fieldwork experience, travel and/or study in Greece or Italy, learning French or German, improving your Latin or Greek, or working as a research assistant for a Classicist. It is also useful to get high scores on the GRE test, and these are best achieved by obtaining and studying information on the types of questions asked on the test and taking practice tests.

The department does offer a combined BA/MA program in Classics allowing them to complete the MA in Classics within one year of receiving their BA.

The array of graduate degrees on offer in the US and abroad can be bewildering—including master's and doctoral programs in Classics and a variety of related subjects—and the character and quality of graduate programs differs widely. It is therefore important to gather information and seek advice.

If you are considering graduate work, you should discuss your plans with the Director of Undergraduate Studies and other faculty members no later than the beginning of the fall semester before you hope to apply (i.e., typically the fall of your senior year).

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### 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.

## Barnard College Courses

The Department of Classics at Columbia and the Department of Classics and Ancient Studies at Barnard College work closely together. Students may take courses at Barnard to count towards the Major or Minor. Students at Barnard should speak to their advisor at Barnard regarding Columbia courses as the departments are distinct and the requirements for their respective majors are different.

## Transfer Courses

Students transferring to Columbia should contact the Director of Undergraduate Studies to discuss equivalencies and what level of courses they wish to take.

## Study Abroad Courses

Seeing the ancient sites and monuments is an important part of the study of antiquity, and there are a number of ways to acquire some familiarity with the physical remains of Greek and Roman civilization. The Intercollegiate Center for Classical Studies in Rome offers in each term an excellent one-semester program, usually taken in the junior year, and the College Year in Athens offers a wide variety of courses ranging from language and literature to history, art, and archaeology. During the summer there are more options, including the outstanding Summer Sessions of the American School for Classical Studies in Athens. A listing of fieldwork opportunities is published annually by the Archaeological Institute of America.

## Summer Courses

Courses are offered over the summer by the department providing opportunities to study the ancient languages over the summer.

Courses are also offered in Classical Civilization including Worlds of Alexander and Classical Mythology.

## CORE CURRICULUM CONNECTIONS

Faulty and Graduate Instructors from the Department of Classics Teach in the Core, usually Literature Humanities and Contemporary Civilization.

Some Classics courses can be used to count toward the Global Core requirement as noted in the course information.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

Students should consult with the Director of Undergraduate Studies, Professor Nikolas Kakkoufa at [nk2776@columbia.edu](mailto:nk2776@columbia.edu). Students can register for Directed readings with a faculty member.

## Senior Thesis Coursework and Requirements

Students are required to take the Major Seminar UN3996 as part of the program. The course focuses on the preparation for the Senior Thesis and methods in the field of Classics. Currently students have the option to participate in a trip abroad to sites in the ancient world.

## Undergraduate Research Outside of Courses

Students are encouraged to participate in the Ancient Play put on yearly by the Barnard Columbia Ancient Drama Group.

The Department is able to support a limited number of students to study ancient languages over the summer through the Comager Fund and the Undergraduate Latin fund. Interested students should contact the Director of Undergraduate Studies.

Undergraduate students can apply to the SNFPHI Summer Research Internship in Public Humanities and Hellenic Studies. This six week internship invites undergraduate students to explore public humanities, gain hands-on experience with its objectives, methods, and outcomes, and pursue a group project that connects research on Greece with a broad public audience. The internship is structured around: (1) a seminar in Hellenic Studies in which students explore aspects of modern Greek history and culture relevant to their internship research, (2) a workshop in which students are trained in the methods and tools of public-facing research, and (3) a group project in which students work closely with Columbia faculty and public humanities partners in Greece.

Columbia runs its own archeological summer program at Hadrian's Villa in Tivoli. Contact Professor Francesco de Angelis.

Students wanting Columbia or Barnard credit for work done abroad should discuss their plans with the director of undergraduate studies at an early date to enable them to incorporate experience abroad most practically into their programs here.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

Departmental Honors are awarded for overall outstanding performance in the Classics.

### Academic Prizes

The department offers two prize competitions yearly (Earle and Romaine) in sight translation of Greek and Latin. These prizes are awarded on the basis of examinations given each spring.

Two prizes are given to graduating Columbia College seniors:

- The Caverly Prize is awarded annually for outstanding performance by a graduating Columbia College major.



- The Stadler Prize is 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.

## OTHER IMPORTANT INFORMATION

Students interested in majoring in Classics should reach out to the Department early in their academic career. Students should contact the Director of Undergraduate Studies with any questions.

Students participating in dual degree programs should contact the Director of Undergraduate Studies.

## PROGRAM IN HELLENIC STUDIES

Department website: [hellenic.columbia.edu](http://hellenic.columbia.edu)

Office location: 618 Hamilton Hall

Office contact: 212-851-0297, [hellenic@columbia.edu](mailto:hellenic@columbia.edu)  
([videogameugrad@columbia.edu](mailto:videogameugrad@columbia.edu))

Director of Undergraduate Studies: Prof. Nikolas Kakkoufa;  
212-854-3902; [nk2776@columbia.edu](mailto:nk2776@columbia.edu)

Undergraduate Administrator: Eleni Gizas; 212-851-0297;  
[eag2191@columbia.edu](mailto:eag2191@columbia.edu)

## THE STUDY OF MODERN GREEK

The Program offers students the opportunity to study Greece through a modern lens and prepares them for professional work or further academic study in the humanities and social sciences, international studies, fine arts or, more recently, more interdepartmental endeavors. At the heart of the curriculum is a series of courses that investigate the relation between language and culture in the Greek-speaking world (including the diaspora) throughout its modern history. The aim has been to build a strong linguistic base on which to construct a greater knowledge of Modern Greek literary, political, social, and cultural currents and attitudes, and also to offer students a theoretical framework for analyzing cultural differences more generally. Since then, Balkan and Mediterranean Studies, but also Classical Reception Studies outside the strict Classics world, have become part of the Hellenic Studies curriculum, especially insofar as they contribute to Global Core, Global Humanities, and interdisciplinary initiatives.

The Core Faculty of the PHS are Dimitris Antoniou, Chrysanthos Filippardos, Stathis Gourgouris, Nikolas P. Kakkoufa, Paraskevi Martzavou, and Karen Van Dyck. A number of affiliated faculty (but also the HLS faculty that is housed in Classics – Gourgouris, Van Dyck, Kakkoufa) teach and conduct their research in relation with other departments, institutes, and initiatives – notably, the Institute for Comparative Literature and Society (ICLS), the Institute for the Study of Sexuality and

Gender (ISSG), the Institute for the Study of Human Rights, the Harriman Institute, and the Stavros Niarchos Foundation Public Humanities Initiative (SNFPHI). Its affiliated faculty members include, among others, John Ma in Classics, Mark Mazower in History, Ioannis Mylonopoulos in Art History and Archaeology, Neni Panourgia in the Justice in Education Program, Elsa Stamatopoulou in Human Rights, Nadia Urbinati in Political Science, and Konstantina Zanou in Italian.

The PHS organizes and co-sponsors the University Seminar in Modern Greek, a Lecture Series with the Greek Consulate in New York and a number of Hellenic Studies Workshops, Film Screenings, and occasional colloquia that provide a forum of discussion of research in progress on all aspects of Greek Civilization of which our students frequently take advantage. It also maintains a strong collaboration with the Stavros Niarchos Foundation Public Humanities Initiative and the newly established Columbia Global Center in Athens.

## STUDENT ADVISING

### Consulting Advisers

The Director of Undergraduate Studies (DUS) of the Program in Hellenic Studies in the Department of Classics is responsible for approving courses, overseeing enrollment, advising prospective and current minors, and certifying minors for graduation both in the Minor in Modern Greek Language, Literature, and Culture and the Minor in Hellenic Studies. Students should consult with the Director of Undergraduate Studies, Prof. Nikolas P. Kakkoufa at [nk2776@columbia.edu](mailto:nk2776@columbia.edu)

### Enrolling in Classes

Students are encouraged to consult with the Director of Undergraduate Studies to review course options and requirements.

### Preparing for Graduate Study

The Program in Hellenic Studies does not offer a graduate path of study but it has prepared students for further study in a number of disciplines with a focus on Modern Greece.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

The Program in Hellenic Studies offers a language placement test the week before the first day of classes in the fall. The test consists of both written and oral parts. Students who wish to schedule the test before the start of the fall semester, or to take a Modern Greek placement test at any other time in the year, or who have particular questions about placing, should contact the Director of Undergraduate Studies.

### Barnard College Courses

The Program in Hellenic Studies offers a Minor in Modern Greek at Barnard College. The Minor requires five courses

beyond the Elementary Level. The Minor in Modern Greek is administered through the Department of Classics and Ancient Studies at Barnard College. Students wishing to minor in Modern Greek should consult with the Director of Undergraduate Studies.

## Transfer Courses

Students transferring to Columbia should contact the Director of Undergraduate Studies to discuss equivalencies and what level of courses they wish to take.

## Study Abroad Courses

Students may wish to enroll in the [College Year in Athens](#) Program for a semester-long or summer session. The [College Year in Athens](#) offers a wide variety of courses ranging from language and literature to history, art, and archaeology. Students wanting credit for work done abroad should discuss their plans with the Director of Undergraduate Studies at an early date to enable them to incorporate experience abroad most practically into their programs here.

## Summer Courses

Students can enroll in the Travel Seminar, “Mediterranean Humanities in Athens”, organized in partnership with Columbia Global, the Aikaterini Laskaridis Foundation, and the Center for Undergraduate Global Engagement. Students participating in this seminar take Athens, Greece, as a vantage point to explore the multiple ways this body of water has been imagined by the people who lived or traveled across its shores. In this one-week seminar, students immerse themselves in the history and culture of Athens and its environs through a combination of lectures, guided museum visits, educational walks, field trips, and hands-on workshops.

## CORE CURRICULUM CONNECTIONS

Modern Greek language courses count towards the Core requirements. The following classes count towards the Global Core Requirement:

GRKM UN3935 Hellenism and the Topographical Imagination

CLGM GU4600 Multilingual Worlds: Translation, Gender and the Greek Diaspora

CSGM UN3567 Thessaloniki Down the Ages

CLGM UN3920 The World Responds to the Greeks: Modernity, Postcoloniality, Globality

CLGM UN3110 The Ottoman Past in the Greek Present

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

Students should consult with the Director of Undergraduate Studies, Prof. Nikolas P. Kakkoufa at [nk2776@columbia.edu](mailto:nk2776@columbia.edu). Students can register for Directed readings (3997), a Senior Research Seminar (3998) or Supervised Independent Research (4460).

Senior Thesis Coursework and Requirements [drop-down]  
Though a Senior Thesis is not required for graduation it enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the junior year. Interested students should identify a potential faculty advisor and discuss their plans with the DUS.

### Undergraduate Research Outside of Courses

Undergraduate students can apply to the SNFPHI Summer Research Internship in Public Humanities and Hellenic Studies. This six week internship invites undergraduate students to explore public humanities, gain hands-on experience with its objectives, methods, and outcomes, and pursue a group project that connects research on Greece with a broad public audience. The internship is structured around: (1) a seminar in Hellenic Studies in which students explore aspects of modern Greek history and culture relevant to their internship research, (2) a workshop in which students are trained in the methods and tools of public-facing research, and (3) a group project in which students work closely with Columbia faculty and public humanities partners in Greece.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

Departmental Honors are awarded for overall outstanding performance.

## PROFESSORS

Kathy Eden  
Carmela V. Franklin  
Stathis Gourgouris  
John Ma (Chair)  
Kristina Milnor (Barnard, Chair)  
Seth R. Schwartz  
Deborah T. Steiner  
Karen Van Dyck  
Katharina Volk  
Gareth D. Williams  
Nancy Worman (Barnard)

## ASSOCIATE PROFESSORS

Marcus Folch  
Joseph Howley

Elizabeth Irwin  
Ellen Morris (Barnard)

## SENIOR LECTURER

Elizabeth Scharffenberger

## LECTURERS

Dimitrios Antoniou  
Lien Van Geel  
Hanna Golab  
Nikolas Kakkoufa  
Darcy Krasne

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN CLASSICS

### Program Planning for all Students

The department offers a major in classics and a major track in classical studies. The major in classics involves the intensive study of both Greek and Latin, as well as their cultural matrix; the track in classical studies offers a more interdisciplinary approach. The major in classics is recommended for students planning to continue the study of classics in graduate school. The department also participates in the interdepartmental ancient studies program and offers a concentration in classics; these are all described below.

The major in classics and the track in classical studies are designed in part to build on the experience of the ancient world that undergraduates have acquired at Columbia in the Core Curriculum (especially in Literature Humanities). The major in classics is structured on the principle of gradual and closely monitored linguistic progress from the elementary (1100-level) to the advanced (3000- and 4000-levels) and ultimately to the literature survey courses (GU4105-GU4106) in Greek and/or Latin.

Those majors intending to embark on graduate study in classics are especially encouraged to undertake, in their senior year, an independent research project (UN3998). This option is designed to allow students to personalize their experience in the major by conducting advanced study in a specialized area under the guidance of the specializing faculty member of their choice.

UN3998 is required in the classical studies track. Otherwise, students in classical studies are not required to take advanced courses beyond UN3996 The Major Seminar, but are expected to follow a coherent plan of study by taking a sequence of cognate courses in different but related departments (e.g., art history and archaeology, history, etc.).

### Course Numbering Structure

In both Greek and Latin prerequisites are the course with the number before in the sequence. Students can test out of the

prerequisite with a placement test or through the Director of Undergraduate Studies.

In both languages the sequence is as follows:

1101: Elementary I

1102: Elementary II

1121: Intensive Elementary

2101: Intermediate I

2102: Intermediate II

For 2101 Either 1102 or 1121 is required as a prerequisite or a placement test.

The course numbers below are used for both Greek and Latin, except as noted. Please consult the Columbia and Barnard catalogs for full descriptions of all courses.

1101-2: Introductory language course in TWO semesters. This is the normal course taken by those beginning a language not previously studied; it covers all the basic grammar and gives some practice reading easy texts.

1121: This one-semester course is the equivalent of both 1101 and 1102; it covers all the basic grammar in one semester and enables the participants to take courses at the 2100 level the following semester. This is an intensive course, so you should be prepared to make a substantial time commitment.

2101-2: This sequence provides intermediate language training in both prose and poetry. The completion of 2102 satisfies the language requirement.

3012 (Latin only): This is the fifth-semester Latin course and the beginning of the Latin literature sequence. It is highly recommended for incoming first-year students who have had enough Latin to place out of 2101-2 or for those who have completed the intermediate sequence here.

3013 (Latin only): This new course is designed as a sequel or alternative to 3012 and aims to sharpen translation skills by concentrating on classical Latin prose.

3309, 3310, 4009, 4010: These advanced literature courses are offered annually with changes in subject matter so that students will have a chance to read as many representative authors as possible. Courses at the 4000 level are not necessarily more difficult than those at the 3000 level when taken by undergraduates; the significance of the designation is that graduate students as well as undergraduates may take 4000 level courses, but in many cases undergraduates and graduates will not be given the same workload in these courses. Students who are in doubt about the level of a specific class should consult the instructor.

3033, 4152 (Latin only): These courses constitute the sequence in medieval Latin; in most years both will be offered.

3996: The Major Seminar is intended for senior majors in Classics, Classical Studies, and Ancient Studies but is also open to juniors. The course considers a different topic each year, analyzing it across time periods, genres, and both languages. It focuses on honing skills that are useful for working on the senior thesis, such as how to frame a discussion topic, how to analyze a text philologically and thematically, and how to develop a bibliography. The course also provides upper-level students in Classics, Classical Studies, and Ancient Studies with an opportunity to get to know each other in a congenial and interactive environment.

4105-6: The literature surveys are designed to give advanced Classics undergraduates and entering graduate students a grasp of the broader picture of Greek or Latin literature, as opposed to the more focused topics offered in other advanced courses.

5139: This course focuses on enabling students to write, as well as read, Greek and Latin. It consists largely of an intensive review of grammar and syntax at an advanced level, with the translation of sentences or short paragraphs into the ancient languages. Note: This is technically a graduate course, but undergraduates are welcome to enroll with the instructor's permission. 5139 replaces the old 4139; the content of the course remains the same.

## CLASSICAL CIVILIZATION AND LITERATURE IN TRANSLATION

These courses are designed for both majors and non-majors and are ideal for students with no prior background in the ancient world, though they may also be of interest to more advanced students. Some, such as Classical Myth (3132), are normally offered every year; others are offered in rotation or once only.

## Guidance for First-Year Students

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.

## Guidance for Transfer Students

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.

## UNDERGRADUATE PROGRAMS OF STUDY: CLASSICS

### Required Coursework for all Programs

The major is offered with two tracks, Classics and Classical Studies. The former, which is recommended for students considering graduate work in Classics, concentrates heavily on the ancient languages and literature; the latter can be earned with only one of the ancient languages and includes more courses on other aspects of the ancient world. The Classics department also participates in the interdepartmental Ancient Studies major, which is designed for students whose interests encompass the ancient Mediterranean as a whole rather than the Greco-Roman world in particular. The Classics Concentration/Minor is earned in either Latin or Greek; there is also a Greek/Latin Minor for students of the School of Engineering and Applied Science.

### Major in Classics

11 courses, minimum 34 credits

In the primary language:

- Four courses at or above the 2100-level
- Major seminar 3996
- Two courses from the Advanced Menu of four (4105, 4106, 5139, 3998; any others may count toward the four upper level requirement)

In the secondary language:

- Two courses at or above the 2100 level

Two ancient culture courses, including:

- One in the culture of the primary language
- One in any aspect of ancient history or culture (HIST, AHIS, PHIL, CLLT, CLCV...)

A student must write a thesis (UN3998) to be considered for Departmental Honors and prizes.

### Major in Classical Studies

11 courses, minimum 35 credits

- Five courses, at or above 1102, in either or both Latin and Greek
- Major Seminar 3996
- Four classes in ancient history, art, philosophy, religion, civilization



- Senior thesis 3998

## Major in Ancient Studies

Students interested in a major in ancient studies should see the *Ancient Studies* section in this Bulletin.

## The Minors in the Department of Classics

There are five tracks towards obtaining a **Minor in Classics**.

- The track in Classics is designed for students who wish to study both Greek and Latin language, literature, and culture. This track envisages advanced competence in one ancient language and elementary knowledge of the other.
- The tracks in Greek or Latin allow students to develop significant knowledge of the language, literature, and culture of either ancient Greece or Rome. These tracks envisage advanced competence in one ancient language, Greek or Latin, and sustained study of one ancient civilization.
- The track in Classical and Ancient Civilizations allows students to receive recognition for coursework in the study of ancient societies while not mandating the study of an ancient language. Language work, however, is encouraged and, at and above the intermediate level, may be counted toward this track.
- The track in Classical Reception and the Classical Tradition allows students to focus on the cultural legacy of ancient Greek and Roman societies. Although not required, language work is encouraged and, at and above the intermediate level, may be counted toward this track.

### Minor tracks in detail

**I. CLASSICS.** 5 courses. A minimum of 15 credits. (Students without prior knowledge of Greek and Latin may be required to take as many as 22 credits in the primary language (elementary 1102 & 1102, intermediate 2101 & 2102, and advanced 3009 & 3010), 8 credits in the secondary language (elementary 1101 & 1102), and 6 credits for the Cultural and Historical Breadth requirement.)

- **Primary Language:** Three courses in the primary language at or above the 2100-level.
- **Secondary Language:** One course in the secondary language at or above the 1102-level.
- **Cultural and Historical Breadth:** One course on any aspect of any aspect of the culture (including archaeology, art history, history, literature, philosophy, and post-Classical reception) of the primary language.

**II & III. GREEK OR LATIN** A minimum of 15 credits. (Students without knowledge of Greek or Latin may be required to take as many as 19 credits in one language (elementary 1102 & 1102, intermediate 2101 & 2102, and advanced 3009), as well as 6 credits for the Cultural and Historical Concentration.

- **Language Concentration:** Three courses in Greek or Latin at or above the 2100-level; The minor—Greek or Latin—is determined by the language chosen for the Language Core.

- **Cultural and Historical Concentration:** Two courses on any aspect of any aspect of the literature, culture, and/or history (including archaeology, art history, history, literature, philosophy, and post-Classical reception) of the student's chosen language. Language courses at or above the 3000-level may count toward this requirement; it is thus possible for students to begin studying an ancient language at the elementary level in the freshman year and to complete the requirements for the minor by the senior year by taking coursework in that language.

### IV. CLASSICAL AND ANCIENT CIVILIZATIONS A

minimum of 15 credit points. (Language study is not required for this track. However, for students who wish to use language courses to count toward minor requirements, this track may take more coursework and credit points; how many will depend on the student's familiarity with the language.)

- **Fundamental Breadth:** Five courses on any aspect of the ancient Greco-Roman Mediterranean and neighboring societies.
- **Advanced Studies:** Three of the five courses above must be taken at the advanced (usually UN3000 or above) level. One Greek or Latin course at or above the 2102-level may count toward the Advanced Studies requirement.

### V. CLASSICAL RECEPTION AND THE CLASSICAL TRADITION. A

minimum of 15 credit points. (Language study is not required for this track. However, for students who wish to use language courses to count toward minor requirements, this track may take more coursework and credit points; how many will depend on the student's familiarity with the language.)

- **Foundational Breadth 1—Ancient Civilizations:** Two courses on any aspect of the ancient Greco-Roman Mediterranean and neighboring societies.
- **Foundational Breadth 2—Classical Reception and the Classical Tradition:** Three courses on classical reception, the classical tradition, and/or comparative approaches to the study of the ancient world. Coursework for this requirement may focus on Medieval and Renaissance Studies, Hellenic Studies, English, Comparative Literature, and related disciplines.
- **Advanced Studies:** Three of the five courses taken for this minor must be taken at the advanced level (UN3000 or above). One Greek or Latin course at or above the 2102 level may count toward the Advanced Studies requirement.
- No fewer than four courses counted toward this track must be taught by Columbia and Barnard Classics and Ancient Studies faculty.

Please visit the following website for details -- [Minor in Classics — Columbia University Department of Classics](#)



For further information, please contact the Director of Undergraduate Studies.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration (Columbia College and General Studies) in Classics

7 courses, minimum 21 credits

Six courses in one classical language (Latin or Greek), of which

- Five courses above the 1100 level, three of which must be 3/4000 level
- One from the following three advanced options: 4105, 4106, 5139

One course in ancient history or classical civilization

### PROGRAM IN HELLENIC STUDIES

Department website: [hellenic.columbia.edu](http://hellenic.columbia.edu)

Office location: 618 Hamilton Hall

Office contact: 212-851-0297, [hellenic@columbia.edu](mailto:hellenic@columbia.edu)  
([videogameugrad@columbia.edu](mailto:videogameugrad@columbia.edu))

Director of Undergraduate Studies: Prof. Nikolas Kakkoufa;  
212-854-3902; [nk2776@columbia.edu](mailto:nk2776@columbia.edu)

Undergraduate Administrator: Eleni Gizas,  
[eag2191@columbia.edu](mailto:eag2191@columbia.edu)

Guidance for Undergraduate Students

### Program Planning for all Students

The Program in Hellenic Studies offers 1) a Minor in Modern Greek Language, Literature, and Culture, 2) a Minor in Hellenic Studies, 3) a Special Concentration in Modern Greek (for students enrolled prior to Fall 2024), and 4) a Minor in Modern Greek at Barnard College.

The Minor in Modern Greek Language, Literature, and Culture is designed to offer students an advanced understanding of contemporary Greece with a specialization in the field of Modern Greek Language, Literature, and Culture that is representative of the intellectual breadth of our core Faculty.

The Minor in Hellenic Studies functions as a cluster of courses that will introduce students to the diachronic study of Greece and could complement the majors in Classics, Classical Studies, Art History and Archaeology, History, etc.

The Special Concentration is structured around course offerings in Modern Greek Language & Culture Courses and in Modern Greek Studies Interdepartmental courses.

Students should [visit the website](#) for more information or contact the Director of Undergraduate Studies, Prof. Nikolas P. Kakkoufa.

### Course Numbering Structure

1101: Elementary I

1102: Elementary II

2101: Intermediate I

2102: Intermediate II

3000+: Other courses

3997: Directed readings

3998: Senior Research Seminar

4460: Supervised Independent Research

GRKM: Greek Modern

CLGM: Comparative Literature Greek Modern

CSGM: Classics Greek Modern

HLNS: Hellenic Studies

### Guidance for First-Year Students

The Director of Undergraduate Studies is responsible for overseeing the path of study followed by each student. Students should contact the DUS with any questions about the minors, course offerings, and language placement exam.

### Guidance for Transfer Students

Transfer students should contact the Director of Undergraduate Studies, Prof. Nikolas P. Kakkoufa at [nk2776@columbia.edu](mailto:nk2776@columbia.edu).

## UNDERGRADUATE PROGRAMS OF STUDY

### Minor in Modern Greek Language, Literature, and Culture

The Minor in Modern Greek Language, Literature, and Culture (MGLLC) consists of 5 (15-18 credits) courses on top of the successful completion of the Elementary Modern Greek Sequence (8 credits). Students may double count the Intermediate Sequence both for the Language Requirement and for the MGLLC. The focus of the minor is the study of the

language, literature, and Culture of Modern Greece. The minor is open to Columbia College and General Studies students.

The general learning goals of this minor are 1) to provide the training necessary to speak, comprehend, read and write Modern Greek, which would allow students to participate not only in basic everyday communications but also to academically interact with primary material in Modern Greek, 2) to offer an awareness of the diverse populations and cultures in which Modern Greek is spoken (Greece, Cyprus, the Diasporas) and of the sociolinguistic aspect of their language/dialects; a deeper understanding of what language is and does, 3) to function as an introduction to the professional abilities and skills needed to undertake graduate training as scholars in the humanities, translators, and interpreters, 4) to develop proficiency in the literary and cultural accomplishments of Modern Greek, 5) to acquire and hone skills in the methodologies of close reading of texts and critical thinking, 6) to engage in diverse methods of inquiry about texts, visual material, and cultural material more broadly, 7) to raise Global awareness and respect for other cultures, and 8) to develop abilities in articulation of ideas and precision in oral/written presentation. These goals are also enriched by the specific learning goals and methods that our faculty set in their individual syllabi.

#### • PREREQUISITE

- Students should have satisfied the Elementary Sequence (GRKM1101, GRKM1102) or demonstrated equal proficiency through a placement test administered by the Program in Hellenic Studies

#### • DECLARING

- There is no formal application to the Minor. Interested students should contact the Program's Director of Undergraduate Studies, Prof. Nikolas P. Kakkoufa.

#### • REQUIREMENTS

- Five (15-18 credits) courses on top of the successful completion of the Elementary Modern Greek Sequence (8 credits). Any appropriate course taught in the area of Modern Greek Studies in departments other than Classics must be approved by the DUS. Typically, no more than two courses will be allowed to double-count with a student's major or the college's Core Requirements.
- GRKM 2101 Intermediate Modern Greek I
- GRKM 2102 Intermediate Modern Greek II
- Students who place out of the Intermediate Sequence will have to replace those two courses with the lectures and seminars offered and cross listed by the Program in Hellenic Studies. Students are also strongly encouraged but not required to complete GRKM 3003 prior to enrolling in other classes.

- Three additional courses at the 2000 level or above from at least two of the following three categories:
  - Any course listed by the Program in Hellenic Studies (GRKM, CLGM, CSGM).
  - Any course cross-listed by the Program in Hellenic Studies with the code GM (courses that contribute to an understanding of some aspect of Modern Greece within larger analytical concepts).
  - Directed Readings and Independent Study.
- Though a Senior Thesis is not required for graduation it enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the junior year. Interested students should identify a potential faculty advisor and discuss their plans with the DUS.

## Minor in Hellenic Studies

The Minor in Hellenic Studies consists of 5 courses (15-20 credits). Although there are no prerequisites, the study of either ancient or modern Greek is highly recommended. To ensure this truly interdisciplinary course of study the required classes are based on selecting classes from the following – broadly conceived – distribution requirements: 1) Period, 2) Discipline, 3) Geography.

The general learning goals of the Minor in Hellenic Studies are: 1) to introduce students to Hellenic studies as a diverse and interdisciplinary field and to interdisciplinary research at Columbia more broadly; 2) to familiarize students not only with Greece as a space at the crossroads of East and West but also with the ways in which different disciplines have considered space across geography and time; 3) to acquire a global perspective on the reception of Hellenic material and to give students vital tools needed to engage in diverse methods of inquiry about texts, visual material, and cultural material more broadly; 4) to offer students first-hand exposure to objects of material and visual culture through the Hellenic Collection in our Library (which has, for example, the biggest collection of zines outside of Greece) but also the Museums with Hellenic Collections across the city of New York and, hopefully, with the further development of the Global Center in Athens, to research collections and archaeological and historical sites in Greece with study abroad classes; 5) to critically think about and problematize the narratives of nations, traditions, and claims to continuity as it affects today's world through a deep historical and broad geographical study 5) to acquire and hone skills in close reading of texts and critical thinking and to develop abilities in articulation of complex ideas and precision in oral/written presentation. It also aims to enrich the students' undergraduate experience by encouraging them to take part in the diverse activities and programming of the Program in Hellenic Studies and the Stavros Niarchos Initiative for Public

Humanities. The minor is open to Columbia College and general Studies students.

- **PREREQUISITE**

- There are no prerequisites for the Hellenic Studies Minor. The study of either ancient or modern Greek is strongly encouraged.

- **DECLARING**

- There is no formal application to the Minor. Interested students should contact the Program's Director of Undergraduate Studies, Dr. Nikolas P. Kakkoufa.

- **REQUIREMENTS**

- 5 courses (15-20 credits) at the 2000 level or above from at least two of the following three categories:
  - Any course listed by the Program in Hellenic Studies (GRKM, CLGM, CSGM).
  - Any course cross-listed by the Program in Hellenic Studies with the code HLNS (courses that contribute to an understanding of some aspect of Hellenic studies in different periods, different disciplinary focus, different geographical contexts).
  - Directed Readings and Independent Study
- Students will need to complete courses in all three distribution areas: 1) Periods (e.g. Ancient, etc.), 2) Disciplines (Comparative Literature, Queer Studies, Anthropology, Translation, History, Archaeology, etc.) 3) Geography (Mediterranean Studies, etc.) .
- Any appropriate course taught in the area of Hellenic Studies in departments other than Classics, must be approved by the DUS. Typically, no more than two courses will be allowed to double-count with a student's major or the college's Core Requirements.
- Though a Senior Thesis is not required for graduation it enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the student's junior year. Interested students should identify a potential faculty advisor and discuss their plans with the DUS.

## **FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR**

### **Special Concentration in Modern Greek**

The minimum credit requirement for the Hellenic Studies Concentration is 21 credits and includes:

1. Modern Greek language and culture courses (Elementary, Intermediate, Advanced, Cultural Dictionary I & II, Readings in Modern Greek; minimum 8 credits). Students will work with the undergraduate advisor to determine their level of the language.
2. Modern Greek Studies interdepartmental courses (CLGM, CSGM, HSGM; minimum 12 credits). The program of study should be planned as early as possible with the Director of Undergraduate Studies. Students meet with the Director of Undergraduate Studies each semester in order to obtain program approval. Opportunities exist for study abroad in Greece, Cyprus and Turkey for the summer or an academic term for credit. Students work closely with the concentration advisor on the selection of the foreign schools and the transfer of credit.

Students may also wish to write a Senior Thesis which will substitute one Modern Greek Studies interdepartmental seminar. While not required for graduation, the thesis enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the student's junior year. Interested students should identify a potential faculty advisor.

# COGNITIVE SCIENCE

**Adviser for Columbia College and School of General Studies students:**

**Professor Brendan Fleig-Goldstein:** [bf2555@columbia.edu](mailto:bf2555@columbia.edu)

**Department Website:** <https://cogsci.barnard.edu/>

**Department Assistant:** Maia Bernstein,  
[mbernste@barnard.edu](mailto:mbernste@barnard.edu)

**Office Location:** 326 Milbank Hall

**Phone Number:** 212-854-4689

**Department Email Address:** [cogsci@barnard.edu](mailto:cogsci@barnard.edu)

Cognitive Science is the cross-disciplinary study of how the mind works, with a focus on perception, reasoning, memory, attention, language, decision-making, motor control, and problem solving. Cognitive scientists often compare minds to computers. In particular, they describe mental processes as computational operations on internal representations. For instance, perception is seen as a representation of the external world that results from sensory stimulation; learning is analyzed as the addition of new representations through interactions with the environment; reasoning is treated as the addition of new representations through operations on existing representations.

Cognitive Science is an interdisciplinary field: it draws on tools and ideas from psychology, neuroscience, linguistics, economics, computer science, and philosophy, with affiliated faculty in each of these disciplines. Psychologists study the computational operations that we use to solve specific tasks; neuroscientists study the implementation of those operations in the brain; linguists study the representations involved in communication; economists study the representations involved in decisions involving uncertainty and reward; computer scientists consider how the processes involved in human cognition fit into a more general theory of computations and a larger space of tasks; and philosophers ask fundamental questions about the nature of representation and computation.

## STUDENT LEARNING OUTCOMES

Cognitive Science majors will gain fluency in computational methods; a capacity for rigorous and careful thought; a broad understanding of the affiliated disciplines; and a deep understanding of cognition.

**Barnard Director:** Professor Ann Senghas

**Columbia Director:** Professor Brendan Fleig-Goldstein

### Steering Committee:

Dima Amso (Psychology, Columbia)

Brendan Fleig-Goldstein (Philosophy, Columbia)

John McWhorter (Linguistics, Columbia)

John Morrison (Philosophy, Barnard)

Christopher A.B. Peacocke (Philosophy, Columbia)

Ann Senghas (Psychology, Barnard)

Lisa Son (Psychology, Barnard)

Michael Woodford (Economics, Columbia)

Rebecca Wright (Computer Science, Barnard)

### Affiliated Faculty:

Mariam Aly (Psychology, Columbia)

Christopher Baldassano (Psychology, Columbia)

Peter Balsam (Neuroscience & Behavior; Psychology, Barnard)

Akeel Bilgrami (Philosophy, Columbia)

BJ Casey (Neuroscience & Behavior, Barnard)

Jessica Collins (Philosophy, Columbia)

Lila Davachi (Psychology, Columbia)

Mark Dean (Economics, Columbia)

Aaron A. Fox (Music, Columbia)

David A. Freedberg (Art History & Archaeology, Columbia)

Melissa Fusco (Philosophy, Columbia)

Michelle Greene (Psychology, Barnard)

Larisa Heiphetz (Psychology, Columbia)

Mariusz S. Kozak (Music, Columbia)

Niko Kriegeskorte (Psychology, Columbia)

Karen Lewis (Philosophy, Barnard)

Caroline Marvin (Psychology, Columbia)

Koleen McCrink (Psychology, Barnard)

Janet Metcalfe (Psychology, Columbia)

Kevin Ochsner (Psychology, Columbia)

Christos Papadimitriou (Computer Science, Columbia)

Robert Remez (Psychology, Barnard)

Daphna Shohamy (Psychology, Columbia)

Rae Silver (Psychology, Columbia)

Alfredo Spagna (Psychology, Columbia)

Herbert Terrace (Psychology, Columbia)

Nim Tottenham (Psychology, Columbia)

Carl Vondrick (Computer Science, Columbia)

Alex White (Neuroscience and Behavior, Barnard)

Keren Yarhi-Milo (Political Science, Columbia)

Cognitive science is the cross-disciplinary study of how the mind works, with a focus on perception, reasoning, memory, attention, language, decision-making, motor control, and problem solving. It draws on tools and ideas from psychology, neuroscience, linguistics, economics, computer science, and philosophy. The major requirements are designed to provide breadth in the affiliated disciplines and depth in the student's chosen area of specialization.

A major in Cognitive Science consists of seven required courses and four electives in a chosen area of specialization culminating in the senior capstone. The minimum number of courses is 13 and the minimum number of points is 39.

## MAJOR REQUIREMENTS:

### 1. Required courses (7 classes)

- COGS UN1001 Introduction to Cognitive Science  
Introduction to Cognitive Science
- One cognition-focused course in each of four areas:  
psychology, neuroscience, philosophy, and linguistics.



- Courses must be chosen from the approved list in each area; please see the approved lists below.*
- Two courses in a fifth area: mathematical and computational methods.  
*Courses must be chosen from the approved list and not be redundant; please see the approved lists below.*

2. Area of Specialization and Electives (four classes)

Students must choose an area of specialization and four electives to build expertise in that area.

- Sample specializations: aesthetics, cognitive development, cognitive linguistics, cognitive neuroscience, cognitive psychology, consciousness, decision science, human-computer interaction, intelligence, learning, memory, natural language processing, neuroeconomics, perception, and social cognition. Please see below for lists of possible electives for these specializations.
- The choice of specialization is flexible; the sample specializations are just examples. This is an opportunity for students to be creative; a student who has ideas about a new specialization that they would like to pursue may do so with the approval of the program director.
- There must be at least one faculty member affiliated with the program who has expertise in the student’s chosen area so that they can ensure that the student’s electives will provide sufficient preparation for the senior project.

3. Senior Capstone

Students may fulfill the Senior Capstone requirement in two ways: with a year-long senior project, or by taking two additional advanced courses.

- The senior project is a year-long project in a student’s area of specialization under the supervision of a chosen advisor. The project could be an experiment or a paper. Please note that a student who wishes to do a senior project is responsible for finding an advisor for the project, though the program director may be able to suggest faculty members whom the student might contact.
  - Students who do senior projects must register for both COGS UN3903 Senior Project (3 points) and COGS UN3901 Senior Project Seminar (1 point) in the fall and COGS UN3904 Senior Project (3 points) and COGS UN3902 Senior Project Seminar (1 point) in the spring (8 points total).
- The Senior Project Seminar is an opportunity for students to present their projects to each other.
- While a year-long project is recommended, students may also satisfy the senior capstone requirement by taking two advanced courses, at least one of which must include a significant paper or project. The courses must be chosen in consultation with the program director and must be related to

the student’s area of specialization. Both courses should be at the 3000-level or above.

**The area of specialization, electives, and capstone must form a coherent course of study and must be approved by the program director.**

Please note:

- Courses taken pass/fail may not count towards Cognitive Science major requirements.
- While some courses listed under the sample specializations are also on the lists of courses approved to count for area requirements, no course may be double counted: if a student is counting a course for an area requirement, then that course may not be counted as an elective.

COURSES APPROVED TO COUNT IN EACH AREA:

Psychology

PSYC BC2107	PSYCHOLOGY OF LEARNING - LEC
PSYC BC2110	PERCEPTION-LECTURE
PSYC BC2115	COGNITIVE PSYCHOLOGY - LEC
PSYC BC2129	DEVELOPMENTAL PSYCHOLOGY-LEC
PSYC UN2210	COGNITION: BASIC PROCESSES
PSYC UN2220	COGNITION: MEMORY AND STRESS
PSYC UN2270	Perception and Cognition in Social Life
PSYC UN2280	Developmental Psychology
PSYC UN2430	COGNITIVE NEUROSCIENCE
PSYC BC3394	METACOGNITION

*Please note that PSYC UN2430 Cognitive Neuroscience may be used to fulfill either the Neuroscience requirement or the Psychology requirement, but not both.*

Neuroscience

NSBV BC1001	INTRODUCTION TO NEUROSCIENCE
NSBV BC2008	ADAPTIVE OR ARRESTED DEVELOPMENT OF THE ADOLESCENT BRAIN
PSYC UN2430	COGNITIVE NEUROSCIENCE
PSYC UN2435	Social Neuroscience
PSYC UN2450	BEHAVIORAL NEUROSCIENCE
PSYC UN2481	Developmental Cognitive Neuroscience



NSBV BC3381 Visual Neuroscience: From the  
Eyeball to the Mind's Eye

*Please note that PSYC UN2430 Cognitive Neuroscience may be used to fulfill either the Neuroscience requirement or the Psychology requirement, but not both.*

## Philosophy

PHIL UN2655	COGNITIVE SCIENCE AND PHILOSOPHY
PHIL UN3252	Philosophy of Language and Mind
PHIL UN3651	PHILOSOPHY OF MIND
PHIL UN3655	TOPICS IN COGNITIVE SCIENCE AND PHILOSOPHY
COGS UN3952	Philosophy of Computing

*Please note that only the "Perception" section of PHIL UN3912 counts.*

## Linguistics

LING UN3101	INTRODUCTION TO LINGUISTICS
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## Mathematical and Computational Methods

Logic and Decision Theory:

ECON GU4850	COGNITIVE MECH # ECON BEHAVIOR
PHIL UN1401	INTRODUCTION TO LOGIC
PHIL UN3411	SYMBOLIC LOGIC
PHIL GU4561	PROBABILITY # DECISION THEORY
PSYC UN2235	THINKING AND DECISION MAKING

Statistics:

ECON BC1007	MATH METHODS FOR ECONOMICS
ECON BC2411	STATISTICS FOR ECONOMICS
PSYC BC1101	STATISTICS LECTURE AND RECITATION
PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
STAT UN1001	INTRO TO STATISTICAL REASONING
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS

Computer Science:

COMS BC1016	Introduction to Computational Thinking and Data Science
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COMS W1001	Introduction to Information Science
COMS W1002	COMPUTING IN CONTEXT
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1007	
COMS W3134	Data Structures in Java
COMS W3136	ESSENTIAL DATA STRUCTURES
COMS W3137	HONORS DATA STRUCTURES # ALGOL
ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI
STEM BC2223	PROGRAMMING BEHAV SCIENCES

## SAMPLE SPECIALIZATIONS

*Please note that while a few of the courses listed below are on the lists of courses approved to count for area requirements, no course may be double counted: if a student uses a course to fulfill an area requirement then that course may not be counted as an elective.*

### Aesthetics

4 of the following:

MUSI UN2320	Introduction to Music Cognition
SOAR AV4000	SOUND:Music, Math, and Mind
PHIL GU4055	
PSYC GU4239	COG NEURO NARRATIVE FILM
MUSI GU4325	Topics in Music Cognition
CLEN GU4728	Literature in the Age of AI

## Cognitive Development

4 of the following:

PSYC BC2115	COGNITIVE PSYCHOLOGY - LEC
PSYC BC2129	DEVELOPMENTAL PSYCHOLOGY-LEC
PSYC UN2481	Developmental Cognitive Neuroscience
PSYC BC3369	LANGUAGE DEVELOPMENT
PSYC GU4202	Theories of Change in Human Development

PSYC GU4222	The Cognitive Neuroscience of Aging (Seminar)
PSYC GU4498	BEHAVIORAL EPIGENETICS

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## Cognitive Linguistics

4 of the following:

ANTH UN1009	INTRO TO LANGUAGE # CULTURE
PSYC BC3164	PERCEPTION AND LANGUAGE
PHIL UN3252	Philosophy of Language and Mind
PSYC BC3369	LANGUAGE DEVELOPMENT
LING GU4202	COGNITIVE LINGUISTICS
LING GU4206	ADV GRAMMAR AND GRAMMARS
PSYC GU4244	LANGUAGE AND MIND
LING GU4376	PHONETICS # PHONOLOGY

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## Cognitive Neuroscience

4 of the following:

PSYC UN2481	Developmental Cognitive Neuroscience
NSBV BC3405	NEUROSCIENCE OF TRAUMA
PSYC GU4225	CONSCIOUSNESS # ATTENTION
PSYC GU4239	COG NEURO NARRATIVE FILM
PSYC GU4415	METHODS/ISSU-COGNITIV NEU
PSYC GU4498	BEHAVIORAL EPIGENETICS

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## Cognitive Psychology

4 of the following:

PSYC BC2115	COGNITIVE PSYCHOLOGY - LEC
PSYC BC2129	DEVELOPMENTAL PSYCHOLOGY-LEC
PSYC UN2220	COGNITION: MEMORY AND STRESS
PSYC BC3164	PERCEPTION AND LANGUAGE
PSYC BC3394	METACOGNITION
PSYC GU4225	CONSCIOUSNESS # ATTENTION
PSYC GU4672	MORAL PSYCHOLOGY

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## Consciousness

4 of the following:

PSYC UN2210	COGNITION: BASIC PROCESSES
PHIL UN3651	PHILOSOPHY OF MIND
PSYC GU4225	CONSCIOUSNESS # ATTENTION
PSYC GU4244	LANGUAGE AND MIND

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## Decision Science

4 of the following:

PSYC BC2178	FORENSIC PSYCHOLOGY
PSYC UN2235	THINKING AND DECISION MAKING
PSYC UN2620	ABNORMAL BEHAVIOR
PSYC GU4202	Theories of Change in Human Development
PSYC GU4241	Mentalizing: How we read people
PSYC GU4430	Learning and the Brain (Seminar)
COGS GU4800	Resource-Constrained Decision Making

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## Human-Computer Interaction

4 of the following:

PSYC UN3270	COMPUT APPROACHES- HUMAN VISION
PSYC BC3399	HUMAN AND MACHINES
COMS W4170	USER INTERFACE DESIGN
IEME E4200	HUMAN-CENTERED DESIGN AND INNOVATION
PSYC GU4236	Machine Intelligence
COMS E6178	Human-Computer Interaction

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## Intelligence

4 of the following:

PSYC GU4236	Machine Intelligence
COMS W4701	ARTIFICIAL INTELLIGENCE
COMS W4705	NATURAL LANGUAGE PROCESSING
COMS W4771	MACHINE LEARNING
PSYC GR6080	Introduction to Neural Networks and Deep Learning

## Learning

4 of the following:

PSYC BC2107	PSYCHOLOGY OF LEARNING - LEC
COMS W4705	NATURAL LANGUAGE PROCESSING
COMS W4771	MACHINE LEARNING
PSYC GR6080	Introduction to Neural Networks and Deep Learning

## Memory

4 of the following:

PSYC BC2107	PSYCHOLOGY OF LEARNING - LEC
PSYC UN2220	COGNITION: MEMORY AND STRESS
PSYC UN3445	THE BRAIN AND MEMORY
PSYC UN3455	Neurobiology of Working Memory

## Natural Language Processing

4 of the following:

LING UN3103	Language, Brain and Mind
PHIL UN3252	Philosophy of Language and Mind
PSYC GU4236	Machine Intelligence
PSYC GU4242	Evolution of Language (seminar)
COMS W4705	NATURAL LANGUAGE PROCESSING

## Neuroeconomics

1. Either:

ECON BC3035	INTERMEDIATE MICROECONOMICS
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Or:

ECON UN3211	INTERMEDIATE MICROECONOMICS
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2. Either:

ECON GU4020	ECON OF UNCERTAINTY # INFORMTN
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Or:

ECON GU4415	GAME THEORY
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3. Two from the following list:

PSYC UN2235	THINKING AND DECISION MAKING
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ECON BC3048	Introduction to Behavioral Economics
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PSYC GU4287	DECISION ARCHITECTURE
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ECON GU4840	BEHAVIORAL ECONOMICS
ECON GU4860	BEHAVIORAL FINANCE (4.)
ECON GU4850	COGNITIVE MECH # ECON BEHAVIOR

4.

PSYC GU4289	THE GAMES PEOPLE PLAY: PSYCH OF STRAT DEC
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## Perception

4 of the following:

PSYC BC2110	PERCEPTION-LECTURE
PSYC BC3164	PERCEPTION AND LANGUAGE
NSBV BC3381	Visual Neuroscience: From the Eyeball to the Mind's Eye
NSBV BC3389	Hallucinations, illusions, dreaming and imagination
PSYC GU4225	CONSCIOUSNESS # ATTENTION
PSYC GU4280	CORE KNOWLEDGE

## Social Cognition

4 of the following:

ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
PSYC UN2435	Social Neuroscience
PSYC UN2630	SOCIAL PSYCHOLOGY
PSYC UN2640	INTRO TO SOCIAL COGNITION

## COLLOQUIA, INTERDEPARTMENTAL SEMINARS, AND PROFESSIONAL SCHOOL OFFERINGS

Occasionally, and for a variety of reasons, faculty offer courses outside of the existing structure of Arts and Sciences academic departments. Such courses may be colloquia: team-taught interdisciplinary courses; interdepartmental seminars explicitly offered by two or more academic departments; or undergraduate-specific courses offered by faculty outside of the Arts and Sciences. All of these courses may be counted toward the undergraduate degree, but it is for the faculty of each department or program to determine whether or not they can count toward a major or concentration.



# COMPARATIVE LITERATURE AND SOCIETY

## THE INSTITUTE FOR COMPARATIVE LITERATURE AND SOCIETY:

Department website: <https://icls.columbia.edu/>

Office location: B101 Heyman Center

Office contact: 212-854-8850, [icls@columbia.edu](mailto:icls@columbia.edu)

Director of Undergraduate Studies: Tadas Bugnevicius,  
[tb2333@columbia.edu](mailto:tb2333@columbia.edu)

Director of Medical Humanities: Rishi K. Goyal,  
[rkg6@cumc.columbia.edu](mailto:rkg6@cumc.columbia.edu)

Undergraduate Administrator: Tomi Haxhi,  
[th2666@columbia.edu](mailto:th2666@columbia.edu)

## COMPARATIVE LITERATURE AND SOCIETY AND MEDICAL HUMANITIES MAJORS

The major in Comparative Literature and Society (CLS) 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. 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. Students will 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; the law and the humanities; and studies of space, cities, and architecture.

ICLS also offers a major in Medical Humanities (MedHum). At the level of the individual patient, medicine and medical systems diagnose and treat disease to prolong life and to diminish the suffering that accompanies illness. But in many societies, the reach of modern biomedicine far exceeds the intimate zone of patient and caregiver encompassed by this model. From climate change and food activism to city planning and public housing, from family planning and surrogacy to gendered and racial identities, the biomedical model of health now underwrites national and supra-state policies, corporate ventures, targets of social and political activism and modes of individual engagement. Students enrolled in the Medical Humanities major

work at the intersection of these different forces and discourses, examining the many factors, from the biological to the social, economic, political and aesthetic, that influence health and shape our perceptions of physical and psychological well-being. Both majors require an application. Please see the admissions details on [our website](#).

## STUDENT ADVISING

Director of Undergraduate Studies: Tadas Bugnevicius,  
[tb2333@columbia.edu](mailto:tb2333@columbia.edu)

Director of Medical Humanities: Rishi K. Goyal,  
[rkg6@cumc.columbia.edu](mailto:rkg6@cumc.columbia.edu)

Undergraduate Administrator: Tomi Haxhi,  
[th2666@columbia.edu](mailto:th2666@columbia.edu)

## Consulting Advisers

Students intending to seek admission to the Comparative Literature and Society major are encouraged to speak as soon as possible to the Director of Undergraduate Studies (DUS), Tadas Bugnevicius ([tb3111@columbia.edu](mailto:tb3111@columbia.edu)). Students intending to seek admission to the Medical Humanities major are encouraged to speak as soon as possible to the Director of Medical Humanities, Rishi Goyal, ([rkg6@cumc.columbia.edu](mailto:rkg6@cumc.columbia.edu)) and the Director of Undergraduate Studies, Tadas Bugnevicius ([tb3111@columbia.edu](mailto:tb3111@columbia.edu)).

Students enroll in either major at the beginning of the spring semester of the sophomore year by completing the admissions form that can be found on [our website](#) and submitting the completed form along with a transcript and one-page statement of academic interests.

In the fall semester, students are invited to attend a Meet-n-Greet, an informal discussion with current and prospective majors, our DUS and our Director of Medical Humanities.

## Enrolling in Classes

The ICLS majors require that you take the Intro course (CPLS V3900) in the spring semester of your sophomore year, and the Senior Seminar (CPLS V3991) in the fall semester of your senior year. Enrollment in the Intro course requires that you have already applied to the major or concentration. When it comes time to register, add the course to your waitlist and you will be admitted by a member of the ICLS team.

## Preparing for Graduate Study

CLS majors often apply to PhD programs and occasionally to MA programs in Humanities and Social Sciences. All students should meet with the Director of Undergraduate Studies, Tadas Bugnevicius, to discuss their plans for graduate studies as early as they can.

Medical Humanities majors often pursue graduate studies. Students apply to medical school, master's programs in public health and PhD programs in the Sciences, Humanities and

Social Sciences. Premedical students should meet with their pre-medical advisor. All students should meet with the Director of Medical Humanities, Rishi Goyal, to discuss their plans for graduate studies as early as they can.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major or minor must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies of the program. Exceptions or substitutions permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

### Advanced Placement

ICLS does not accept any advanced placement credit toward courses in our curriculum.

### Barnard College Courses

Barnard courses 3000-level and above are considered for this major with the exception of the Barnard Introduction to Comparative Literature. That course cannot be substituted for our required Introduction to Comparative Literature and Society. Students should consult with the DUS on their course schedule to ensure the courses they choose will meet their course requirements.

### Transfer Courses

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major at ICLS.

### Study Abroad Courses

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by ICLS as fulfilling requirements in the major, the DUS will need to confirm that they can be used toward requirements in the major.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia and are subject to the same policies as other transfer courses. There will be a limit on the number of courses taken abroad that can be applied to the major, and they must be approved by the DUS.

## Summer Courses

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major only as articulated in department/institute/center guidelines or by permission of the Director(s) of Undergraduate Studies. More general policies about summer coursework can be found in the Academic Regulations section of this Bulletin.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

The ICLS majors teach students critical theory and interdisciplinary thinking that are applicable to many areas of knowledge. The required Intro course (CPLS V3900) introduces students to theoretical and interdisciplinary methods. The required Senior Seminar (CPLS V3991) introduces students to contemporary theoretical debates and is based on current research interests of ICLS faculty. Students are also given an opportunity to develop an independent research project. The optional Senior Thesis workshop (CPLS 3995) is fully dedicated to advanced independent research.

### Senior Thesis Coursework and Requirements

The senior thesis is optional. If you want to be considered for departmental honors, it is required. It is a piece of scholarly research, the model for which is an academic journal article. A translation or a piece of creative work, such as a piece of creative writing, can be submitted with the prior approval of the DUS, and must be accompanied by an explanatory introduction or foreword of no less than 5000 words in length.

Students interested in writing a senior thesis will submit a thesis proposal in the spring semester of their junior year. Students who decide to write a thesis will enroll in a year-long course (CPLS3995) starting in the fall of their senior year. Detailed information can be found on [our website](#).

## DEPARTMENT HONORS AND PRIZES

### Department 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. Please note that the senior thesis is not required for the major. Please keep in mind that, according to Columbia College rules, no more than 10% of the majors graduating in a department or program in a given year may be awarded Departmental Honors.

## Academic Prizes

Each year, ICLS presents one to two seniors with the Catherine Medalia Johannet Memorial Prize in Comparative Literature and Society. These prizes were created by family and friends in memory of Catherine Medalia Johannet, a Medicine, Literature and Society major, CC'15, consistent with Catherine's interest in literature and its use in effecting change in society.

One to two prizes will be awarded annually to a Comparative Literature & Society or Medical Humanities major who has written a distinguished senior thesis that demonstrates the highest academic rigor, creativity and engagement with ethical questions. The winner will be chosen by a faculty committee consisting of the Director of Undergraduate Studies, the Director of the Medical Humanities major and two other faculty members associated with ICLS.

CLS majors in the School of General Studies for the John Angus Burrell Memorial Prize for distinction in English and Comparative Literature.

## OTHER IMPORTANT INFORMATION

**CLS Foreign Language Requirement:** Since students are expected to be able to conduct basic research in a foreign language they must, by the time they apply, meet the following foreign language requirement:

Foreign Language #1: you must have taken or be taking in the spring semester of your sophomore year, at least one advanced course in a foreign language. The course should be taken at Columbia, Barnard or a peer institution. 'Advanced' signifies a course at the 3000- or 4000- level that is not a conversation course. The course does not have to be conducted in the target language but most of the readings must be in the language.

Foreign language #2: you must have completed or be completing in the spring semester of your sophomore year, the equivalent of least 4 semesters of a foreign language. This can be satisfied by either 4 semesters in one language or 2 semesters each in 2 different languages. These four semesters may be taken at Columbia or reflected in AP scores, summer program credits, etc. Native and heritage speakers must take a placement test to confirm their level unless they have completed high school in the foreign language.

**MedHum Foreign Language Requirement:** Students must have taken at Columbia or be taking during the spring semester of the sophomore year at least one advanced course in a foreign language. 'Advanced' signifies a course at the 3000- or 4000- level that is not primarily a language training course. Note that the course does not have to be conducted in the language but most of the readings must be in the language. An additional advanced language course will be required as part of your major course requirements.

**Executive Committee of ICLS** Nadia Abu El-Haj (Anthropology, Center for Palestine Studies) Tadas Bugnevičius (French and ICLS) Bruno Bosteels (Latin American and Iberian Cultures) Claudia Breger (Germanic Languages) Souleymane Bachir Diagne (French and Romance Philology) Madeleine Dobie (French and Romance Philology) Brent Hayes Edwards (English and Comparative Literature, Jazz) Matthew Engelke (Religion) Kevin A. Fellezs (Music) Stathis Gourgouris (Classics, English and Comparative Literature) Rishi Kumar Goyal (Emergency Medicine) Seth Kimmel (Latin American and Iberian Cultures) Adam Leeds (Slavic Languages) Lydia H. Liu (East Asian Languages and Cultures) David B. Lurie (East Asian Languages and Cultures) Anupama P Rao (History, Barnard) Pamela Smith (History and Center for Science and Society) Gayatri Chakravorty Spivak (University Professor of the Humanities) Dennis Tenen (English and Comparative Literature)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of majors and minors. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Students who entered Columbia in or before Fall 2023 may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Students should consult the Admissions information on the Institute for Comparative Literature and Society website for details on the application requirements. Students are also encouraged to attend the annual Undergraduate Meet-n-Greet held in October. Consult the events page of our website or contact [icls@columbia.edu](mailto:icls@columbia.edu) for details on this meeting which is open to all prospective majors.

### Course Numbering Structure

Courses at the Institute for Comparative Literature and Society have the subject code CPLS - Comparative Literature and Society, or CLPS - Comparative Literature and Psychoanalytic Study. Additionally, the Institute cross-lists courses from our affiliated faculty each semester. These courses can be found on the Directory of Classes under our departmental page. For our majors, all coursework should be 3000-level or above.

Lectures at the 2000-level are only accepted within coursework with special permission from the DUS. All coursework in these interdisciplinary majors should be approved by the DUS prior to the end of the change period.

## Guidance for First-Year Students

Prospective majors should focus their efforts on meeting the language requirements for our major.

For Comparative Literature and Society Majors:

Foreign Language #1: you must have taken or be taking in the spring semester of your sophomore year, at least one advanced course in a foreign language. The course should be taken at Columbia, Barnard or a peer institution. 'Advanced' signifies a course at the 3000- or 4000- level that is not a conversation course. The course does not have to be conducted in the target language but most of the readings must be in the language.

Foreign language #2: you must have completed or be completing in the spring semester of your sophomore year, the equivalent of at least 4 semesters of a foreign language. This can be satisfied by either 4 semesters in one language or 2 semesters each in 2 different languages. These four semesters may be taken at Columbia or reflected in AP scores, summer program credits, etc. Native and heritage speakers must take a placement test to confirm their level unless they have completed high school in the foreign language.

### For Medical Humanities Majors:

Foreign Language Requirement: Students must have taken at Columbia or be taking during the spring semester of the sophomore year at least one advanced course in a foreign language. 'Advanced' signifies a course at the 3000- or 4000-level that is not primarily a language training course. Note that the course does not have to be conducted in the language but most of the readings must be in the language. An additional advanced language course will be required as part of your major course requirements.

For less commonly taught languages, students should consult with the DUS to determine how to meet the advanced language course requirement.

## Guidance for Transfer Students

Transfer students should consult with the DUS upon arrival at Columbia University to prepare their application for the major. They should not wait until the usual application period. The Introduction to Comparative Literature and Society course (CPLS UN3900) should be taken during their first spring term at Columbia University.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

The ICLS majors require that you take the Intro course (CPLS UN3900) in the spring semester of your sophomore year, and the Senior Seminar (CPLS UN3991) in the fall semester of your senior year. Enrollment in the Intro course requires that you have already applied to the major or concentration. When it comes time to register, add the course to your waitlist and you will be admitted by a member of the ICLS team.

### Major in Comparative Literature and Society

The major in Comparative Literature and Society consists of a minimum of 33 points or 11 courses, distributed as follows. Courses taken to fulfill the application requirements do not count toward the major. Courses fulfilling major requirements must be advanced, discussion-based seminars. Language courses in the Beginner I to Intermediate II stream cannot be counted to fulfill any major requirement. With the exception of courses taken to satisfy the global core requirement, double counting of courses to the CPLS major and another program or university requirement must be pre-approved by the DUS.

1. Introduction to ICLS (CPLS UN3900), taken in the spring of the sophomore year (3 points)
2. Two courses with a CPLS designator. CLXX courses, i.e. courses cross-listed between ICLS and other departments, may also be counted toward this requirement (6-8 points)
3. Two seminars in a humanities or social science discipline other than literature (e.g. Architecture, Anthropology, Art History, Economics, Gender & Sexuality Studies, History, Law, Linguistics, Music, Political Science, Race & Ethnicity Studies, Sociology...). The two courses must be grounded in the same disciplinary approach but don't have to be offered by the same department or program (6-8 points)
4. Two courses requiring readings in a language other than English. (The two courses cannot be taken in the same foreign language) (6-8 points)
5. Two courses focusing on a specific national or regional literature or culture, chosen from any discipline (The two courses may focus on the same nation/region) (6-8 points)
6. One elective course reflecting the student's intellectual interests. Additional foreign language study may also be counted with DUS approval (3-4 points)
7. Senior Seminar in Comparative Literature and Society (CPLS UN3991).

The senior seminar is taken in the fall semester of the senior year. Students explore three areas of contemporary reflection in the field of comparative literature and society. Topics change



yearly and are aligned with current ICLS research projects. Recent examples include Global Racisms, Literary Cultures, Digital Humanities, and Medical Humanities.

1. (Optional) Senior Thesis (CPLS 3995) (3 points)

Students who decide to write a thesis will submit a proposal in the spring term of their junior year and enroll in a year-long course (CPLS UN3995) starting in the fall of their senior year. This year-long, 3-credit course (1 credit in Fall, 2 credits in Spring) will allow students to receive academic credits for their thesis, and to count the thesis towards completion of their major requirement when necessary (Requirement #10 of the CLS Course Chart).

Students should consult frequently with the DUS to ensure that their program of study develops in consonance with the intellectual project described in the focus statement that was presented as part of the admissions process. The faculty understands that this statement is itself a work in progress, but also that it serves as a useful guide to the student's academic pursuits and course selection.

Comparative Literature and Society majors should also consider the Barnard College course offerings in Comparative Literature. They are also strongly encouraged to avail themselves of the opportunity to study abroad.

## Major in Medical Humanities

The major in Medical Humanities consists of a minimum of 33 points or 11 courses, distributed as follows.

1. Introduction to Comparative Literature & Society (CPLS UN3900): 3 points

This course introduces important methodologies and areas of disciplinary reflection in contemporary comparative literature. It is taken jointly with comparative literature and society majors taken in the spring semester of a student's sophomore year. In addition to units on narrative, authorship and the history and practice of comparative and world literature it includes units relating to science, health and medicine, race, gender and sexuality that are directly relevant to MedHum majors.

1. 1 course with a CPLS or CL- course identifier: 3-4 points

Students choose from among the wide range of courses sponsored by the Institute for Comparative Literature and Society or cross-listed between ICLS and other departments. These offerings change every semester and are listed on the ICLS website.

2. 1 course with readings in a language other than English: 3-4 points

Students may either take a course that is taught wholly or partially in a foreign language, or a course taught in English for

which they have received approval to do most of the reading in a foreign language.

3. 3 courses that form the disciplinary/methodological nexus of the student's interests: 9-12 points

Students will develop an individualized course of study at the nexus of health, society and the humanities in discussion with the DUS (Some example of prior constellations include but are not limited to: Literature and Medicine; Narrative Medicine; Medical Anthropology; History of Medicine; Comparative Public Health; Disability studies; Neuroscience; Biopolitics; Bioethics.)

4. 2 required core courses in Medical Humanities: 6 points

The core courses in medical humanities are designated as any course taught by faculty on the medical humanities advisory board that emphasizes the content, methods, theories, and approaches of the medical humanities. Please confirm with the Director of Medical Humanities if you have any questions

5. 2 classes in the biological or biochemical sciences: 6-8 points

Students in the MedHum major should be versed in contemporary and classical debates and knowledge in the biological sciences. Students may take any two biology or biochemistry classes that relate to fundamental concepts in human biology.

6. Senior Seminar at ICLS: 3 points

The senior seminar is taken in the fall semester of the senior year. Students explore three areas of contemporary reflection in the field of comparative literature and society. Topics change yearly and are aligned with current ICLS research projects. Recent examples include Global Racisms, Literary Cultures, Digital Humanities, and Medical Humanities.

7. Senior Thesis (optional): 3 pts

Students who decide to write a thesis will submit a proposal in the spring semester of their junior year and enroll in a year-long course (CPLS UN3995) starting in the fall of their senior year. This year-long, 3-credit course (1 credit in Fall, 2 credits in Spring) will allow students to receive academic credits for their thesis, and to count the thesis towards completion of their major requirement when necessary.

The specific course of study must be approved by the DUS.



## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Comparative Literature and Society

PLEASE NOTE: this information is for students already in the program. The concentration is no longer accepting new students as of Fall 2024.

The concentration in Comparative Literature and Society consists of a minimum of 27 points or 9 courses, distributed as follows. Please note that courses taken to fulfill the application requirements do not count toward the major. Courses fulfilling concentration requirements must be advanced, discussion-based seminars. Language courses in the Beginner I to Intermediate II stream cannot be counted to fulfill any concentration requirement. With the exception of courses taken to satisfy the global core requirement, any double counting of courses to the CPLS concentration and another program or university requirement must be approved by the DUS.

1. Introduction to ICLS (CPLS UN3900), taken in the spring of the sophomore year (3 points).
2. Two courses with a CPLS designator. CL– courses, i.e. courses cross-listed between ICLS and other departments, may also be counted toward this requirement (6-8 points)
3. Two seminars in a humanities or social science discipline other than literature (e.g. Architecture, Anthropology, Art History, Economics, Gender & Sexuality Studies, History, Law, Linguistics, Music, Political Science, Race & Ethnicity Studies, Sociology...). The two courses must be grounded in the same disciplinary approach but don't have to be offered by the same department or program (6-8 points)
4. Two courses requiring readings in a language other than English (the two courses cannot be taken in the same foreign language) (6-8 points)
5. One course focusing on a specific national or regional literature or culture, chosen from any discipline (3-4 points)
6. Senior Seminar in Comparative Literature and Society (CPLS UN3991)

The senior seminar is taken in the fall semester of the senior year. Students explore three areas of contemporary reflection in the field of comparative literature and society. Topics change yearly and are aligned with current ICLS research projects. Recent examples include Global Racisms, Literary Cultures, Digital Humanities, and Medical Humanities.

7. (Optional) Senior Thesis (CPLS UN3995) (3 points)

Students who decide to write a thesis must submit a proposal spring semester of their junior year and enroll in a year-long course (CPLS3995) starting in the fall semester of their senior year. This year-long, 3-credit course (1 credit in Fall, 2 credits in Spring) will allow students to receive academic credits for their thesis, and to count the thesis towards completion of their requirements when necessary.

Students should consult frequently with the DUS to ensure that their program of study develops in consonance with the intellectual project described in the focus statement that was presented as part of the admissions process. The faculty understands that this statement is itself a work in progress, but also that it serves as a useful guide to the student's academic pursuits and course selection.

Comparative Literature and Society concentration students should also consider the Barnard College course offerings in Comparative Literature. They are also strongly encouraged to avail themselves of the opportunity to study abroad.

# COMPUTER SCIENCE

## THE COMPUTER SCIENCE DEPARTMENT:

Department website: <http://www.cs.columbia.edu>

Office location: 450 Mudd

Office contact: [ug-advising@cs.columbia.edu](mailto:ug-advising@cs.columbia.edu)

Director of Undergraduate Studies: Dr. Jae Woo Lee, 715 CEPSR; 212-939-7066; [jae@cs.columbia.edu](mailto:jae@cs.columbia.edu)

Undergraduate Administrator: CS Advising, [ug-advising@cs.columbia.edu](mailto:ug-advising@cs.columbia.edu)

## THE COMPUTER SCIENCE MAJOR

Students study a common core of fundamental topics, supplemented by a program of six electives that provides a high degree of flexibility. Three of the electives are chosen from a list of upper-level courses that represent area foundations within computer science. The remaining electives are selected from the complete list of upper-level computer science courses. Students are encouraged to work with their faculty advisor to create a plan tailored to fit their goals and interests. The department webpage provides several example programs for students interested in a variety of specific areas in computer science.

Our website is always the most current in terms of information and has many FAQs for students. Please view this here: [cs.columbia.edu](http://cs.columbia.edu) and contact [ug-advising@cs.columbia.edu](mailto:ug-advising@cs.columbia.edu) with any questions.

## STUDENT ADVISING

### Consulting Advisers

Undergraduate students will be assigned a CS Faculty Advisor from the list on the CS website - <https://www.cs.columbia.edu/education/undergraduate/advisors/>. Students will typically have the same advisor throughout their time in the program. However, students are encouraged to check this list at the start of every term to ensure their advisor remains the same. To reach out to your CS Faculty Advisor, please email first or visit during office hours.

### Enrolling in Classes

Computer Science Department courses are needed by many student populations and are in high demand. To facilitate all COMS students getting the courses they need and distribute seats fairly, please refer to our policy - <https://www.cs.columbia.edu/cs-course-registration-policy/>

### Preparing for Graduate Study

The department offers a number of options at the graduate level, including the MS Express. Please refer to our FAQs - <https://www.cs.columbia.edu/education/admissions8/>

[www.cs.columbia.edu/education/admissions8/](https://www.cs.columbia.edu/education/admissions8/) - or email [ms-admissions@cs.columbia.edu](mailto:ms-admissions@cs.columbia.edu) with any questions.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

The department grants 3 points for a score of 4 or 5 on the AP Computer Science A exam, along with an exemption from COMS W1004 Introduction to Computer Science and Programming in Java. However, we recommend that you take COMS W1004 before taking COMS W3134/W3137 Data Structures if you received a score of 4 or have not programmed in Java recently.

### Barnard College Courses

Any course offered by the Computer Science @Barnard department can count towards degree requirements. Please refer to the major and minor program information pages for specific information.

### Transfer Courses

Up to four transfer courses are accepted toward the major.  
Up to two transfer courses are accepted toward the minor.  
Calculus, linear algebra, and probability/statistics courses can be transferred in addition to the four/two-course limits. Each course must be approved as equivalent by the faculty who teaches it at Columbia. Please refer to the guide here - <https://www.cs.columbia.edu/education/undergraduate/#sec8>

### Study Abroad Courses

If you are considering studying abroad, please consult with the CS Advisor as soon as possible. Each course for potential incorporation into your CS major or minor must be approved as equivalent by the faculty who teaches it at Columbia.

### Summer Courses

Any Computer Science or approved cognate course offered during the summer session will count towards the degree, with the exception of online-only courses, which do not count towards degree requirements.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

**COMS W3998 UNDERGRAD PROJECTS IN COMPUTER SCIENCE. 1.00-3.00 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. Consult the department for section assignment.

**COMS W4901 Projects in Computer Science. 1-3 points.**

Prerequisites: Approval by a faculty member who agrees to supervise the work.

A second-level independent project involving laboratory work, computer programming, analytical investigation, or engineering design. May be repeated for credit, but not for a total of more than 3 points of degree credit. Consult the department for section assignment.

**Senior Thesis Coursework and Requirements**

A thesis is not a requirement for the major or minor.

**COMS W3902 UNDERGRADUATE THESIS. 0.00-6.00 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

**Undergraduate Research Outside of Courses****Laboratory Facilities**

The department has well-equipped lab areas for research in computer graphics, computer-aided digital design, computer vision, databases and digital libraries, data mining and knowledge discovery, distributed systems, mobile and wearable computing, natural language processing, networking, operating systems, programming systems, robotics, user interfaces, and real-time multimedia.

Research labs contain several large Linux and Solaris clusters; Puma 500 and IBM robotic arms; a UTAH-MIT dexterous hand; an Adept-1 robot; three mobile research robots; a real-time defocus range sensor; interactive 3-D graphics workstations with 3-D position and orientation trackers; prototype wearable computers, wall-sized stereo projection systems; see-through head-mounted displays; a networking testbed with three Cisco 7500 backbone routers, traffic generators; an IDS testbed with secured LAN, Cisco routers, EMC storage, and Linux servers; and a simulation testbed with several Sun servers and Cisco Catalyst routers. The department uses a SIP IP phone system. The protocol was developed in the department.

The department's computers are connected via a switched 1Gb/s Ethernet network, which has direct connectivity to the campus OC-3 Internet and internet 2 gateways. The campus has 802.11b/g wireless LAN coverage.

The research facility is supported by a full-time staff of professional system administrators and programmers.

**Participating in Research Projects**

Students can reach out to professors whose research areas are of interest to them. Professors will typically require that students have completed the relevant coursework covering the background knowledge and skills.

Once a faculty member agrees to supervise the student's research work, the student will register for the professor's section of COMS W3998 or W4901.

**COMS W3998 UNDERGRAD PROJECTS IN COMPUTER SCIENCE. 1.00-3.00 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. Consult the department for section assignment

**COMS W4901 Projects in Computer Science. 1-3 points.**

Prerequisites: Approval by a faculty member who agrees to supervise the work.

A second-level independent project involving laboratory work, computer programming, analytical investigation, or engineering design. May be repeated for credit, but not for a total of more than 3 points of degree credit. Consult the department for section assignment.

**DEPARTMENT HONORS AND PRIZES****Department Honors**

The Computer Science Department does not award departmental honors.

**Academic Prizes**

**Jonathan L. Gross Award for Academic Excellence:** This award was established in 2017 in honor of the much loved Professor Emeritus Jonathan Gross. Each year a cash gift is awarded to one graduating masters student and to one graduating senior from each of the four undergraduate schools served by the Department of Computer Science.

**Theodore R. Bashkow Award:** Presented to a computer science senior who has excelled in independent projects. This is awarded in honor of Professor Theodore R. Bashkow, whose contributions as a researcher, teacher, and consultant have significantly advanced the state of the art of computer science.

**Andrew P. Kosoresow Memorial Award for Excellence in Teaching and Service:** Awarded for outstanding contributions to teaching in the Department of Computer Science and exemplary service to the Department and its mission.

**Computer Science Scholarship Award:** A cash prize awarded to two B.A. and two B.S. degree candidates for outstanding academic achievement in computer science.

Russell C. Mills Award: This annual award, established by the computer science department in 1992 in memory of Russell C. Mills, is a cash prize given to a computer science major who has exhibited excellence in the area of computer science.

## OTHER IMPORTANT INFORMATION

See the Requirements section for the policies on double counting and D grades.

## PROFESSORS

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Luca Carloni  
Xi Chen  
Steven K. Feiner  
Luis Gravano  
Julia B. Hirschberg  
Gail E. Kaiser  
John R. Kender  
Tal Malkin  
Kathleen R. McKeown  
Vishal Misra  
Shree Kumar Nayar  
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Itzik Pe'er  
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Kenneth A. Ross  
Tim Roughgarden  
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Rocco A. Servedio  
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## LECTURER IN DISCIPLINE

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## EMERITUS

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 Peter K. Allen  
 Edward G. Coffman Jr.  
 Zvi Galil  
 Jonathan L. Gross  
 Steven M. Nowick  
 Stephen H. Unger  
 Henryk Wozniakowski  
 Yechiam Yemini

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

The following requirements are new as of the academic year 2023-2024. Students who declared a CS major in the academic year 2022-2023 or earlier have the option to follow the old requirements. The old requirements are noted on [the Undergraduate Programs pages](#) of the Computer Science Department website (<https://www.cs.columbia.edu/education/undergraduate/>).

Please note that the information on the department website is more up-to-date than the information in the archived Bulletins. Students with questions about which requirements to follow are advised to talk with [ug-advising@cs.columbia.edu](mailto:ug-advising@cs.columbia.edu).

### Restrictions on overlapping courses

Students may receive credit for only one of the following two courses:

- [COMS W1004](#) Introduction to Computer Science and Programming in Java
- [COMS W1005](#) Introduction to Computer Science and Programming in MATLAB.

Students may receive credit for only one of the following three courses:

- [COMS W3134](#) Data Structures in Java
- [COMS W3136](#) ESSENTIAL DATA STRUCTURES
- [COMS W3137](#) HONORS DATA STRUCTURES # ALGOL

COMS W1005 and COMS W3136 cannot be counted towards the Computer Science major, minor, and concentration.

No more than 6 points of project/thesis courses (COMS W3902, W3998, W4901) can count toward the major. COMS W3999 Fieldwork cannot be used as a CS Elective.

No more than one course from each set below may be applied towards the computer science major:

- IEOR E3658, STAT UN1201, MATH UN2015
- MATH UN2015, MATH UN2010, APAM E3101, COMS W3251
- COMS W4771, COMS W4721

### Double Counting

Double-counting policies are to be construed within the larger double-counting policy of the student's home school. Double-counting policies are detailed on each School's Bulletin and/or Catalog.

The CS department allows the following courses in the CS Core and Mathematics requirement to be double-counted with another major, minor, or concentration. No other courses can be double-counted with another program.

- COMS W1004
- Any calculus courses (including Honors Math A and B)
- One Linear Algebra course
- One Probability/Statistics course

### Grading

A maximum of one course worth no more than 4 points passed with a grade of D may be counted toward the major or minor.

### Course Numbering Structure

The first digit indicates the level of the course, as follows:

0 Course that cannot be credited toward any degree

1 Undergraduate course

2 Undergraduate course, intermediate

3 Undergraduate course, advanced

4 Graduate course that is open to qualified undergraduates

6 Graduate course

8 Graduate course, advanced

9 Graduate research course or seminar

### Guidance for First-Year Students

#### Pre-Introductory Courses

COMS W1004 is the first course in the Computer Science major curriculum, and it does not require any previous computing experience. Before taking COMS W1004, however, students have an option to start with one of the pre-introductory courses: ENGI E1006 or COMS W1002.

ENGI E1006 Introduction to Computing for Engineers and Applied Scientists is a general introduction to computing for STEM students. ENGI E1006 is in fact a required course for

all engineering students. COMS W1002 Computing in Context is a course primarily intended for humanities majors, but it also serves as a pre-introductory course for CS majors. ENGI E1006 and COMS W1002 do not count towards Computer Science major.

## Guidance for Transfer Students

Up to four transfer courses are accepted toward the major. Up to two transfer courses are accepted toward the minor or concentration. Calculus, linear algebra, and probability/statistics courses can be transferred in addition to the four/two-course limits.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in Computer Science

All majors should confer with their program adviser each term to plan their programs of study. Students considering a major in computer science are encouraged to talk to a program adviser during their first or second year. The Computer Science major is composed of four basic components: The Mathematics Requirement, the Computer Science Core, the Area Foundation Courses, and the Computer Science Electives.

### Mathematics Requirement (6-11 points)

**Calculus Requirement: Select one of the following courses:**

MATH UN1201	CALCULUS III
MATH UN1205	ACCELERATED MULTIVARIABLE CALC
APMA E2000	MULTV. CALC. FOR ENGI # APP SCI

Note that MATH UN1201 (Calculus III) requires Calculus I as a prerequisite but does NOT require Calculus II. MATH UN1205 and APMA E2000, however, require both Calculus I and Calculus II as prerequisites.

**Linear Algebra Requirement: Select one of the following courses:**

COMS W3251	COMPUTATIONAL LINEAR ALGEBRA (recommended)
MATH UN2010	LINEAR ALGEBRA
MATH UN2015	Linear Algebra and Probability
MATH UN2020	Honors Linear Algebra
APMA E2101	INTRO TO APPLIED MATHEMATICS
APMA E3101	APPLIED MATH I: LINEAR ALGEBRA

**Probability / Statistics Requirement: Select one of the following courses:**

MATH UN2015	Linear Algebra and Probability
IEOR E3658	PROBABILITY FOR ENGINEERS

STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4001	INTRODUCTION TO PROBABILITY AND STATISTICS

NOTE: Math 2015 Linear Algebra and Probability may simultaneously satisfy both linear algebra and probability requirements without the need to take additional classes thus reducing the total number of points required.

### Pre-intro course (Optional, 3-4 points)

ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI (recommended but not required)
or COMS W1002	COMPUTING IN CONTEXT

### Computer Science Core (20-21 points):

#### First Year

COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	

#### Sophomore Year

COMS W3134 or COMS W3137	Data Structures in Java HONORS DATA STRUCTURES # ALGOL
COMS W3157	ADVANCED PROGRAMMING
COMS W3203	DISCRETE MATHEMATICS

#### Junior and Senior Year

Complete the remaining required core courses:

COMS W3261	COMPUTER SCIENCE THEORY
CSEE W3827	FUNDAMENTALS OF COMPUTER SYSTS

### Area Foundation Courses (9 to 12 points):

Select three from the following list:

COMS W4111	INTRODUCTION TO DATABASES
COMS W4113	FUND-LARGE-SCALE DIST SYSTEMS
COMS W4115	PROGRAMMING LANG # TRANSLATORS
COMS W4118	OPERATING SYSTEMS I
COMS W4119	COMPUTER NETWORKS
COMS W4152	Engineering Software-as-a-Service
COMS W4156	ADVANCED SOFTWARE ENGINEERING
COMS W4160	COMPUTER GRAPHICS
COMS W4167	COMPUTER ANIMATION
COMS W4170	USER INTERFACE DESIGN
COMS W4181	SECURITY I
CSOR E4231	ANALYSIS OF ALGORITHMS I
COMS W4236	INTRO-COMPUTATIONAL COMPLEXITY
COMS W4701	ARTIFICIAL INTELLIGENCE

COMS W4705	NATURAL LANGUAGE PROCESSING
COMS W4731	Computer Vision I: First Principles
COMS W4733	COMPUTATIONAL ASPECTS OF ROBOTICS
CBMF W4761	COMPUTATIONAL GENOMICS
COMS W4771	MACHINE LEARNING
CSEE W4824	COMPUTER ARCHITECTURE
CSEE W4868	SYSTEM-ON-CHIP PLATFORMS

### Computer Science Electives (9 to 12 points)

Any three COMS courses or jointly offered computer science courses such as CSXX or XXCS course that are worth at least 3 points and are at the 3000 level or above. This includes 3000-level courses offered by Barnard CS.

### Restrictions

No more than 6 points of project/thesis courses (COMS W3902, W3998, W4901) can count toward the major. COMS W3999 Fieldwork cannot be used as a CS Elective.

No more than one course from each set below may be applied towards the computer science major:

- IEOR E3658, STAT UN1201, MATH UN2015
- MATH UN2015, MATH UN2010, APAM E3101, COMS W3251
- COMS W4771, COMS W4721

## Major in Computational Biology

For a description of the joint major in computer science—Biology, see the [Biological Sciences](#) section in this bulletin.

## 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

The major in information science requires a minimum of 33 points, including a core requirement of five courses. Adjustments were made to the course lists below in March 2022.

The elective courses must be chosen with a faculty adviser to focus on the modeling and use of information within the context of a disciplinary theme. After discussing potential selections, students prepare a proposal of study that must be approved by the faculty adviser. In all cases, the six courses must be at the 3000 level or above, with at least three courses chosen from

computer science. Following are some example programs. For more examples or templates for the program proposal, see a faculty adviser.

Note: In most cases, additional courses will be necessary as prerequisites in order to take some of the elective courses. This will depend on the student's proposed program of study.

COMS W1001	Introduction to Information Science
or COMS W1002 Computing in Context	
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W3107	Clean Object-Oriented Design
COMS W3134	Data Structures in Java
STAT GU4001	INTRODUCTION TO PROBABILITY AND STATISTICS

Following are some suggested programs of instruction:

### Information Science and Contemporary Society

Students may focus on how humans use technology and how technology has changed society.

The requirements include:

COMS W4111	INTRODUCTION TO DATABASES
COMS W4170	USER INTERFACE DESIGN
COMS W4701	ARTIFICIAL INTELLIGENCE
COMS W3410	COMPUTERS AND SOCIETY
SOCI UN3010	METHODS FOR SOCIAL RESEARCH
SOCI UN3960	SEMINAR - PROBLEMS OF LAW # SOCIETY

### Information Science and the Economy

Students may focus on understanding information modeling together with existing and emerging needs in economics and finance as well as algorithms and systems to address those needs.

The requirements include:

COMS W4111	INTRODUCTION TO DATABASES
COMS W4701	ARTIFICIAL INTELLIGENCE
COMS W4771	MACHINE LEARNING
ECON UN3412	INTRODUCTION TO ECONOMETRICS
ECON UN3025	FINANCIAL ECONOMICS
ECON UN3265	MONEY AND BANKING

## Information Science and Health Sciences

Students may focus on understanding information modeling together with existing and emerging needs in health sciences, as well as algorithms and systems to address those needs.

The requirements include:

COMS W4111	INTRODUCTION TO DATABASES
COMS W4170	USER INTERFACE DESIGN
COMS W4701	ARTIFICIAL INTELLIGENCE
BINF G4001	
BIOL W4037	Bioinformatics of Gene Expression
ECBM E3060/E4060	

## Major in Data Science

In response to the ever-growing importance of "big data" in scientific and policy endeavors, the last few years have seen explosive growth in theory, methods, and applications at the interface between computer science and statistics. The statistics and computer science departments have responded with a joint major that emphasizes the interface between the disciplines.

### Prerequisites (15 points)

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN2010	LINEAR ALGEBRA

This introductory Statistics course:

STAT UN1201	CALC-BASED INTRO TO STATISTICS
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### Statistics (12 points)

STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4241	STATISTICAL MACHINE LEARNING

or COMS W4771 Machine Learning

### Computer Science (12 points)

Select one of the following courses:

COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB

COMS W1007	
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ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI
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Select one of the following courses:

COMS W3134	Data Structures in Java
COMS W3136	ESSENTIAL DATA STRUCTURES

COMS W3137	HONORS DATA STRUCTURES # ALGOL
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Two required courses:

COMS W3203	DISCRETE MATHEMATICS
CSOR W4231	ANALYSIS OF ALGORITHMS I

### Electives (15 points)

Select two of the following courses:

STAT UN3106	APPLIED MACHINE LEARNING
STAT GU4206	STAT COMP # INTRO DATA SCIENCE
STAT GU4224	BAYESIAN STATISTICS
STAT GU4243	APPLIED DATA SCIENCE
STAT Q4242	Advanced Machine Learning

Select three of the following courses:

COMS W3261	COMPUTER SCIENCE THEORY
COMS W4111	INTRODUCTION TO DATABASES

COMS W4130

COMS W4236	INTRO-COMPUTATIONAL COMPLEXITY
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COMS W4252	INTRO-COMPUTATIONAL LEARN THRY
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Any COMS W47xx course EXCEPT W4771

## Minor in Computer Science

Students who pass the Computer Science Advanced Placement Exam A with a 4 or 5 will receive 3 points and an exemption from COMS W1004.

The Computer Science Minor consists of 6 courses as follows:

1. COMS W1004: Intro to computer science and programming in Java (3) or COMS W1007: Honors intro to comp sci (3)
2. COMS W3134: Data structures in Java (3) or COMS W3137: Honors data structures and algorithms (4)
3. COMS W3203: Discrete mathematics (4)
4. One course of the following:  
COMS W3157: Advanced programming (4)  
COMS W3261: Comp science theory (3)  
CSEE W3827: Fundamentals of computer systems (3)
5. Any 3000-level or 4000-level COMS/CSXX/XXCS course of at least 3 points
6. Any 3000-level or 4000-level COMS/CSXX/XXCS course of at least 3 points OR one linear algebra or probability/statistics course from the following: APMA E3101, APMA E2101, MATH UN2010, MATH UN2015, IEOR E3658, STAT UN1201, STAT GU4001 or STAT GU4203.



Restrictions

No more than 6 points of project/thesis courses (COMS W3902, W3998, W4901) can count toward the major. COMS W3999 Fieldwork cannot be used as a CS Elective.

No more than one course from each set below may be applied towards the computer science major:

- IEOR E3658, STAT UN1201, MATH UN2015
- MATH UN2015, MATH UN2010, APAM E3101, COMS W3251
- COMS W4771, COMS W4721

STAT GU4001	INTRODUCTION TO PROBABILITY AND STATISTICS
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FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentration in Computer Science

The concentration in computer science requires a minimum of 22-24 points, as follows:

COMS W1004	Introduction to Computer Science and Programming in Java
or COMS W1007	
COMS W3134	Data Structures in Java
or COMS W3137	HONORS DATA STRUCTURES # ALGOL
COMS W3157	ADVANCED PROGRAMMING
COMS W3203	DISCRETE MATHEMATICS
COMS W3261	COMPUTER SCIENCE THEORY
CSEE W3827	FUNDAMENTALS OF COMPUTER SYSTS (or any 3 point 4000-level computer science course)
Select one of the following courses:	
COMS W3251	COMPUTATIONAL LINEAR ALGEBRA
MATH UN2010	LINEAR ALGEBRA
MATH UN2015	Linear Algebra and Probability
MATH V2020	Honors Linear Algebra
APMA E2101	INTRO TO APPLIED MATHEMATICS
APMA E3101	APPLIED MATH I: LINEAR ALGEBRA
IEOR E3658	PROBABILITY FOR ENGINEERS
STAT UN1201	CALC-BASED INTRO TO STATISTICS

# CREATIVE WRITING

**Undergraduate Creative Writing Program Office:** 609 Kent;  
212-854-3774

<http://arts.columbia.edu/writing/undergraduate>

**Director of Undergraduate Studies:** Prof. Anelise  
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Prof. Heidi Julavits, Fiction, 609 Kent; 212-854-3774;  
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Prof. Dorothea Lasky, Poetry, 609 Kent; 212-854-3774;  
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The Creative Writing Program in The School of the Arts combines intensive writing workshops with seminars that study literature from a writer's perspective. Students develop and hone their literary technique in workshops. The seminars (which explore literary technique and history) broaden their sense of possibility by exposing them to various ways that language has been used to make art. Related courses are drawn from departments such as English, comparative literature and society, philosophy, history, and anthropology, among others.

Students consult with faculty advisers to determine the related courses that best inform their creative work. For details on the major, see the Creative Writing website: <http://arts.columbia.edu/writing/undergraduate>.

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Phillip Lopate

Benjamin Marcus  
Alan Ziegler

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Rivka Galchen  
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Lars Horn  
Alexis J Hutchinson  
Katrine Øgaard Jensen  
Emily Christine C Johnson  
Chloe Jones  
Quincy S Jones  
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Joss Lake  
Holly Melgard  
Marie Myung-Ok Lee  
Emily Luan  
Vanessa Martir  
Kyle McCarthy  
Patricia Marx  
Molly L McGhee  
Mallika Rao  
Mark Rozzo  
Zohra Saed  
Rebecca J Schiff  
Mina Seckin  
Joel Sedaño Jr  
Luciana Siracusano  
Wally Suphap  
Adam Z Wilson  
James C Yeh  
Samantha Zighelboim

LECTURER IN THE DISCIPLINE OF WRITING

Latif A Ba  
Peter M Rafel  
Ronald L Robertson Jr

MAJOR IN CREATIVE WRITING

The major in creative writing requires a minimum of 36 points: five workshops, four seminars, and three related courses.

Workshop Curriculum (15 points)

Students in the workshops produce original works of fiction, poetry, or nonfiction, and submit them to their classmates and instructor for a close critical analysis. Workshop critiques (which include detailed written reports and thorough line-edits) assess the mechanics and merits of the writing pieces. Individual instructor conferences distill the critiques into a direct plan of action to improve the work. Student writers develop by practicing the craft under the diligent critical attention of their peers and instructor, which guides them toward new levels of creative endeavor.

Creative writing majors select 15 points within the division in the following courses. One workshop must be in a genre other than the primary focus. For instance, a fiction writer might take four fiction workshops and one poetry workshop.

Beginning Workshop

Designed for students who have little or no previous experience writing literary texts in a particular genre.

WRIT UN1100	BEGINNING FICTION WORKSHOP
WRIT UN1200	BEGINNING NONFICTION WORKSHOP
WRIT UN1300	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 UN2100	INTERMEDIATE FICTION WORKSHOP
WRIT UN2200	INTERMEDIATE NONFICTION WRKSHP
WRIT UN2300	INTERMEDIATE POETRY WORKSHOP

Advanced Workshop

Permission required. Admission by writing sample. Enrollment limited to 15. Course may be repeated in fulfillment of the major.

WRIT UN3100	ADVANCED FICTION WORKSHOP
WRIT UN3200	ADVANCED NONFICTION WORKSHOP

WRIT UN3300	ADVANCED POETRY WORKSHOP
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Senior Creative Writing Workshop

Seniors who are creative writing majors are given priority. Enrollment limited to 12, by instructor's permission. The senior workshop offers students the opportunity to work exclusively with classmates who are at the same high level of accomplishment in the major. This course is only offered by graduate faculty professors.

WRIT UN3101	SENIOR FICTION WORKSHOP,Senior Fiction Workshop
WRIT UN3201	SENIOR NONFICTION WORKSHOP
WRIT UN3301	SENIOR POETRY WORKSHOP

Seminar Curriculum (12 points)

The creative writing seminars form the intellectual ballast of our program. Our seminars offer a close examination of literary techniques such as plot, point of view, tone, and voice. They seek to inform and inspire students by exposing them to a wide variety of approaches in their chosen genre. Our curriculum, via these seminars, actively responds not only to historical literary concerns, but to contemporary ones as well. Extensive readings are required, along with short critical papers and/or creative exercises. By closely analyzing diverse works of literature and participating in roundtable discussions, writers build the resources necessary to produce their own accomplished creative work.

Creative writing majors select 12 points within the division. Any 4 seminars will fulfill the requirement, no matter the student's chosen genre concentration. Below is a sampling of our seminars. The list of seminars currently being offered can be found in the "Courses" section.

These seminars offer close examination of literary techniques such as plot, point of view, tone, suspense, and narrative voice. Extensive readings are required, along with creative exercises.

FICTION

WRIT UN3121	HOW TO BUILD A PERSON
WRIT UN3117	Fiction Seminar: The Here & Now
WRIT UN3122	FIRST NOVELS: HOW THEY WORK
WRIT UN3120	THE CRAFT OF WRITING DIALOGUE

NONFICTION

WRIT UN3213	Nonfiction Seminar: The Literary Reporter
WRIT UN3215	ART WRITING FOR WRITERS
WRIT UN3216	TRUTH # FACTS
WRIT UN3217	SCIENCE AND SENSIBILITY

POETRY

WRIT UN2311	TRADITIONS IN POETRY
WRIT UN3313	Poetry Seminar: The Crisis of the I

WRIT UN3314	Poetry Seminar: 21st Century American Poetry and Its Concerns
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WRIT GU4310	DOCUMENTARY POETICS
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**CROSS GENRE**

WRIT GU4011	Cross Genre Seminar: Imagining Berlin
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WRIT GU4012	Cross Genre Seminar: Diva Voice, Diva Style, Diva Lyrics
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WRIT UN3016	WALKING
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WRIT UN3013	Cross-Genre Seminar: Process Writing & Writing Process
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## Related Courses (9 points)

Drawn from various departments, these courses provide concentrated intellectual and creative stimulation, as well as exposure to ideas that enrich students' artistic instincts. Courses may be different for each student writer. Students should consult with faculty advisers to determine the related courses that best inform their creative work.

# DANCE

**The department of Dance is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.**

Office Location: 310 Barnard Hall

Office Phone: 212-854-2995

Email: [dance@barnard.edu](mailto:dance@barnard.edu)

Director of Undergraduate Studies: Paul Scolieri,  
[pscolieri@barnard.edu](mailto:pscolieri@barnard.edu)

Department Assistant: Diane Roe, [droe@barnard.edu](mailto:droe@barnard.edu),  
212-854-2995

## THE DEPARTMENT OF DANCE MISSION

The Barnard College Department of Dance, located in a world dance capital, offers an interdisciplinary program that integrates the study of dance within a liberal arts setting of intellectual and creative exploration. The major builds upon studio courses, the Department's productions at Miller Theater, New York Live Arts, and other venues, as well as a rich array of dance studies courses, allowing students' creative work to develop in dialogue with critical inquiry into the history, culture, theory and forms of western and non-western performance, typically enhanced by study in other disciplines. Students work with accomplished artists whose work enriches contemporary American dance; they also study with outstanding research scholars.

Making, thinking about, and writing about art are an essential part of the liberal arts education. For this reason, the Department of Dance offers technique courses for students of all levels of expertise, while opening its other courses to majors and non-majors alike, who may also audition for its productions. The Department partners with cultural institutions in New York City to connect students with the professional world.

## STUDENT LEARNING OUTCOMES

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.

## PROGRAMS OF STUDY

### Major

### Minor

**Concentration (only for students who entered Columbia College in or before the 2023-2024 academic year)**

## STUDENT ADVISING

### Advising Resources

- Newly declared or prospective dance majors and minors should consult with the Dance Department Chair.
- Sign up for the Dance Department Listserv by contacting [dance@barnard.edu](mailto:dance@barnard.edu)
- The Dance Department holds 2 program planning meetings a year (one in the fall and one in the spring).

### Enrolling in Courses

Technique class levels are confirmed during the shopping period. You must attend the first 2 classes.

Rehearsal and Performance DNCE BC 3601- DNCE BC 3607 requires an audition usually scheduled for the first week of classes.



## Transfer Credit

- When students wish to transfer credit to Barnard from other institutions, their coursework is first evaluated for college elective credit by the Registrar's Office. If they are approved, departments can consider these courses for credit toward the major or minor.
- Transfer students should send their transcripts to the Dance Department Chair for credit evaluation.

## Study Abroad Credit

- Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Global Engagement) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus.
- Classes taken abroad through other institutions or programs are treated as transfer credit and are subject to the same policies as other transfer courses. Accordingly, there will be a limit on the number of study abroad courses taken at other institutions that can be counted toward the major or minor.
- To receive credit toward the major or minor for a study abroad course (whether taken through a Columbia program or another institution/program), students must submit a Study Abroad Approval form through Slate and obtain the approval of the Chair or departmental representative.

## Summer Credit

- Summer courses at Barnard are equivalent to those taken during the academic year. Courses that have been approved for the fulfillment of departmental requirements will automatically count toward your major.
- Courses taken at other institutions (including Columbia) are considered transfer credit and are subject to the same governing other transfer courses. To receive major or minor credit for a summer course taken at another institution, students must submit a Summer Course form through Slate and have it approved by both the Registrar's Office and the Chair or departmental representative.

## SENIOR CAPSTONE PROJECT

**Senior Seminar (DNCE BC3591)** is the capstone experience of your years of study as a dance major. It is probably the most challenging course you will take in the Department, because for so much of the time you will be working on your own, and because the thesis is probably the longest and most complex piece of analytical writing that you will undertake in college. No matter what your area of interest, you need to come up with a topic, create a bibliography, develop an original thesis, conduct in-depth research, and build a convincing argument in support of your claims. This is not a project that you can do overnight. By the same token, it is one that will stand you in good stead even if you never write another word about your topic. The process of conceptualizing, researching, writing, and revising a thesis – and the skills all this entails – will carry over into realms of activity very far from dance.

**Senior Project: Repertory for Dance (DNCE BC 3593)** is the culminating experience of your major work and is based on research, investigation, interpretation, and the creative synthesis of movement. As with Senior Seminar, there will be a good amount of time in which you are working on your own, whether it is creating the movement language and managing your rehearsal schedule (including studio space requests to the Technical Director), attending to the music-sound needs of your work with the Music Director, exploring multi-media possibilities, or creating/recreating/staging choreography or designing/resourcing costumes for your work. Students will work on their own creative project as well as offering support for each other's work throughout the semester.

**The department of Dance is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.**

**Chair:** Colleen Thomas-Young (Professor of Professional Practice in Dance)

**Professor:** Paul A. Scolieri

**Assistant Professor:** Seth Williams

**Associate Professors of Professional Practice in Dance:**

Gabri Christa, Marjorie Folkman

**Senior Associate:** Katie Glasner

**Term Associate:** Vincent McCloskey

**Adjunct Professor:** Uttara Coorlawala

**Adjunct Lecturers:** Cynthia Anderson, Jennifer Archibald, Ehizojé Azeke, Rebecca Bliss, Lisa Boudreau, Candace Brown, Siobhan Burke, Maguette Camara, Antonio Carmena, Uttara Coorlawala, Francissca Dominguez, Dormeshia, Nicole Duffy, Allison Easter, Lisa Fagan, Caroline Fermin, Tamisha Guy, Chisa Hidaka, Jodi Melnick, Bo Park, Juan Rodriguez, Carol Teitelbaum, Nelida Tirado, Caitlin Trainor, Ashley Tuttle

**The department of Dance is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.**

## MAJOR IN DANCE

Majors must complete eleven academic courses (six required, five elective) and a minimum of eight 2-point technique courses (minimum 50 credits). All majors write a senior thesis as part of their coursework.

The required courses for the major in dance are distributed as follows:

### Dance History

The following two courses in Dance History must be completed before the fall of the senior year:

DNCE BC2565	WORLD DANCE HISTORY
DNCE BC3001	HISTORY OF THEATRICAL DANCING

**Movement Science**

Select one or more of the following:

DNCE BC2562	MOVEMENT ANALYSIS
ANAT BC2573	HUMAN ANATOMY AND MOVEMENT
DNCE BC3144	Coding Choreography

**Composition**

One course in Composition must be completed before the fall of the senior year.

DNCE BC2563	DANCE COMPOSITION: FORM
DNCE BC2564	DANCE COMPOSITION: CONTENT
DNCE BC3560	SCREENDANCE:COMPOSITION
DNCE BC3565	Composition: Collaboration and the Creative Process
DNCE BC3566	Composition: Site Specific and Experimental Methods

**Senior Work**

Seniors planning to write a combined thesis must request approval from both departments and notify the Registrar. All majors must complete two semesters of senior work. The following course, which culminates in a 25-30-page written thesis and an oral presentation to the Department at the end of the semester, is required of all seniors:

DNCE BC3591	SENIOR SEMINAR	
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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: 3-4

DNCE BC3592	Senior Project: Research for Dance
DNCE BC3593	SR PROJECT:REPERTORY FOR DANCE

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. 15-20

<b>History/Criticism:</b>	
DNCE BC2570	DANCE IN NEW YORK CITY
DNCE BC3000	From Page to Stage: Interactions of Literature and Choreography
DNCE BC3002	Choreographing Race in America
DNCE BC3200	DANCE IN FILM
DNCE BC3240	SEEING THE BODY
DNCE BC3550	Dance in Africa
DNCE BC3567	DANCES OF INDIA
DNCE BC3576	DANCE CRITICISM
DNCE BC3585	DEVISING IMMERSIVE PERFORMANCE
DNCE BC3800	Dismantling Racism/Decolonizing Dance
DNCE BC3984	Digital Performance
<b>Studio/Performance:</b>	

DNCE BC2567	MUSIC FOR DANCE
DNCE BC3340	Dance/Music Improvisation: Critical Practices in Negotiation, Embodiment, and Freedom
DNCE BC3601 & DNCE BC3604	REHEARSAL # PERFRMNCE IN DANCE and REHEARSAL# PERFRMNCE IN DANCE

- Overview of Major Requirements (11 total, plus 8 technique courses)**
- 1 Movement Science
  - 1 Composition
  - 2 History
  - 1 Senior Seminar
  - 1 Senior Project (Research in Dance or Repertory for Dance)
  - 5 Electives
  - 8 Technique Courses

**Senior Work**

All dance majors must complete two semesters of senior work. DNCE BC3591 SENIOR SEMINAR given in the fall semesters, requires a 25-30 page written thesis and an oral presentation to the Department at the end of the semester. The second semester is usually a performance project for which the student registers in DNCE BC3593 SR PROJECT:REPERTORY FOR DANCE. Students may also choose to do a two-semester thesis, registering in DNCE BC3592 Senior Project: Research for Dance. Students who are double majors may request permission to do a two-semester combined thesis.

**BARNARD COLLEGE  
MINOR IN DANCE**

Six courses constitute a minor in dance. Normally, three history/criticism and three credit-bearing performance/choreography courses are taken. (Note: 2-point technique courses do NOT count toward the Dance minor.) Courses are to be selected on the basis of consultation with full-time members of the department.

**COLUMBIA COLLEGE  
MINOR IN DANCE**

- Five courses
- 1 Dance Studies (either World Dance or History of Theatrical Dancing)
  - 1 Composition (either Form or Content)
  - 3 Electives (Choose any 3- and 4 -point courses from among offerings in Dance Studies, Composition, Movement Science, and Rehearsal & Performance)

**CONCENTRATION IN DANCE**

Note: Only for students who entered Columbia College on or before the 2023-2024 academic year)

The concentration in dance is identical to the major except that only two electives are required.

For the major requirements, please see above.

## Overview of Concentration Requirements (8 total, plus 8 technique classes)

- 1 Movement Science
- 1 Composition
- 2 History
- 1 Senior Seminar
- 1 Senior Project (Research in Dance or Repertory for Dance)
- 2 Electives
- 8 Technique Classes

## SCHOOL OF ENGINEERING AND APPLIED SCIENCES MINOR IN DANCE

The SEAS Dance Minor consists of five 3-point courses. Please note that no performance/choreography courses below count toward the non-tech requirement for SEAS students:

1. Two of the following history/criticism courses:

DNCE BC2565	WORLD DANCE HISTORY
DNCE BC2570	DANCE IN NEW YORK CITY
DNCE BC3000	From Page to Stage: Interactions of Literature and Choreography
DNCE BC3001	HISTORY OF THEATRICAL DANCING
DNCE BC3002	Choreographing Race in America
DNCE BC3200	DANCE IN FILM
DNCE BC3240	SEEING THE BODY
DNCE BC3550	Dance in Africa
DNCE BC3567	DANCES OF INDIA
DNCE BC3576	DANCE CRITICISM
DNCE BC3585	DEVISING IMMERSIVE PERFORMANCE
DNCE BC3800	Dismantling Racism/Decolonizing Dance
DNCE BC3984	Digital Performance

2. Two of the following performance/choreography courses:

DNCE BC2563	DANCE COMPOSITION: FORM
DNCE BC2564	DANCE COMPOSITION: CONTENT
DNCE BC2567	MUSIC FOR DANCE
DNCE BC3340	Dance/Music Improvisation: Critical Practices in Negotiation, Embodiment, and Freedom
DNCE BC3601	REHEARSAL # PERFRMNCE IN DANCE
DNCE BC3602	Rehearsal and Performance in Dance
DNCE BC3603	Rehearsal and Performance in Dance

DNCE BC3604	REHEARSAL#PERFRMNCE IN DANCE
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DNCE BC3605	REHEARSAL#PERFRMNCE IN DANCE
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DNCE BC3607	Rehearsal and Performance in Dance
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3. One elective (Choose any 3- or 4-point course from offerings in Dance Studies, Composition, Movement Science, and Rehearsal & Performance)

# DRAMA AND THEATRE ARTS

The department of Theatre is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.

## CONTACT US

333 Milbank Hall  
212-854-2080  
theatre@barnard.edu

### Department Chair:

Professor W. B. Worthen  
wworthen@barnard.edu

### Director of Undergraduate Studies:

Professor Alice Reagan  
areagan@barnard.edu

### Department Administrator:

Kate Purdum  
212-854-2080  
kpurdum@barnard.edu

### Senior Faculty Department Assistant:

Valerie Coates  
vcoates@barnard.edu

research and artistic creation. Barnard and Columbia students receive their degrees from their respective colleges of Columbia University.

The Barnard College Department of Theatre mounts a full season of productions in the Minor Latham Playhouse and the Glicker-Milstein Theatre, a crucible of investigation that is a credit-bearing element of the curriculum, and open to all undergraduate students for audition. A collaboration between students and professional theatre artists, the Department of Theatre productions are both a learning process and a scene of encounter, where perceptions are shaped for the attention and creative reflection of a larger public.

Barnard students may declare the major at any time; Columbia students have a major-selection period in the second year, but all students must declare the major by 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 the Theatre Department office.

All majors must submit the online Theatre Major Declaration Form, available on the Department of Theatre website (theatre.barnard.edu); Barnard majors must also submit the Barnard Major Declaration Form via Slate. Prior to declaring the major, students should make an appointment with the Department Chair or their undergraduate advisor. All majors should introduce themselves to the Theatre Administrator in 333C 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.

## MISSION

**Mission:** To engage imaginatively with the inheritance of the past, the questions of the present, and the possibilities of the future through embodied and intellectual inquiry into theatre and performance.

### What do we value?

In the Department of Theatre, faculty, staff, and students understand drama, theatre, and performance as artistic and social practices, and as means and objects of study that model the investigation and production, the making, of a sustainable, equitable, livable future. We pursue theatre and performance within the purpose of the university: to learn, explore, and fashion disciplines of inquiry, new ways of knowing and so new structures of knowledge. Theatre is a site of public encounter, and we undertake its many forms of collaboration in order to speak with the campus and the community, to perform an imaginative, ethical engagement of possibility: of critical dialogue among the arts, humanities, and sciences; of social and climate justice; of equity and inclusion; of the manifold joys of creative work across the regenerative interdisciplines of theatre and performance.

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## THE STUDY OF THEATRE

The undergraduate theatre major is housed in the Barnard College Department of Theatre, and is offered to all undergraduate Barnard College, Columbia College, and General Studies students (the Columbia major is designated "Drama and Theatre Arts"). The major program engages the disciplines of drama, theatre, and performance studies as a distinctive mode of intellectual and artistic inquiry. While Barnard and Columbia students fulfill the overall graduation requirements at their respective institutions (the Core at Columbia, Foundations at Barnard), major requirements are the same for all majors, who take foundational coursework in the literary, cultural, and embodied traditions of western and non-Western performance as well as courses in the practices of acting, directing, design, dramaturgy, playwriting, and management and technical theatre. 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, solo performance, or stage and production management) that combines the practices of



## What do we do?

In the Department of Theatre, faculty, staff, and students

**practice:** inquiry across a range of platforms of scholarly and artistic production that define and enlarge one another, participating in learning modes of embodiment, of spatial array, of visual and sonic design, of written expression, and of cultural interpretation across a range of forms

**create:** make art and make scholarship, in the understanding that theatre provides a process and a means for making oneself, and making a livable world

**learn:** the historical, cultural, social, political, and aesthetic contexts of drama, theatre and performance, and the contemporary practices of performance as means of seeing theatre today as an instrument of critical invention and ethical performative intervention

**collaborate:** with others with different skills effectively, productively, creatively, ethically, and equitably

**reflect:** on the process and the product of making, on the political and ideological work of aesthetics, on the interplay between creative work and equity, justice, and citizenship

## Who are we?

The Department of Theatre are

faculty and staff specialized in a wide range of disciplines, professional artists and scholars who engage in critical creation across a range of platforms

students majoring in Theatre, or taking courses as non-majors, pursuing a variety of paths toward their future. Among other avenues, our students have gone on to pursue further study in MFA and PhD programs in various fields, leading to professional careers in theatre, as well as to academic careers in the humanities, theatre, and performance studies. Many find the writing, performance, and collaborative skills developed in the study and practice of theatre essential in their future work in a variety of professional settings.

## Where are we?

The Department of Theatre

is in and of New York, the nation's theatrical capital, sustained by an unrivaled range of performance from Broadway to off-Broadway to off-off Broadway, and extending across the city's five boroughs

is part of the vibrant, diverse civic community of Morningside Heights and Harlem

is part of an energetic and distinguished academic community, making theatre, learning theatre, understanding the theoretical, social, cultural, ideological the work of theatre in conversation with the interrogative work of research across an academic campus

is engaged with the city, with a wide range of artists and scholars, and with our sustaining communities.

acknowledges its location in Lenapehoking, the territory of the Lenape people, as a step towards recognizing the traditional and enduring stewards of this land and disrupting the invisibility and ongoing erasure of Indigenous Peoples

*Department of Theatre, Barnard College*

## STUDENT LEARNING OUTCOMES

Upon completion of the major, successful students will be able to attain the following objectives:

- Critically assess the artistic ambitions and theoretical implications involved in the interpretation of historical and contemporary drama and theatrical performance,
- Create with proficiency in at least one area of creative work in the field: critical/research writing, acting, design, directing, dramaturgy, playwrighting, solo performance, stage and production management

## PROGRAMS OF STUDY

Major in Theatre/Drama & Theatre Arts

Minor in Theatre/Drama & Theatre Arts

Options within the major:

## Drama and Theatre Studies Student Learning Outcomes

Students successfully completing drama studies, theatre studies, and performance studies coursework, or pursuing a Senior Thesis in Research, 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 Outcomes

Students successfully completing coursework in acting or pursuing a Senior Thesis in Performance: 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 explore techniques available to aid the actor in applying these elements in a conscious way during rehearsal and performance.

## Design Student Learning Outcomes

Students successfully completing coursework design or pursuing a Senior Thesis in Performance: 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 Outcomes

Students successfully completing coursework in directing or pursuing a Senior Thesis in Performance: 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 Outcomes

Students successfully completing coursework dramaturgy or pursuing a Senior Thesis in Performance: 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 Outcomes

Students successfully completing coursework in playwriting or pursuing a Senior Thesis in Performance: Playwriting should be able to attain the following objectives:

1. Create an individual theatrical voice in writing;
2. Construct dramatic and theatrical events onstage;
3. Communicate supportive critique to fellow writers;
4. Interpret plot and story, and to employ language and spectacle creatively;
5. Recognize dramatic structures, and be able to shape and hold an audience's attention.

## Stage and Production Management Student Learning Outcomes

Students successfully completing coursework in stage and production management or pursuing a Senior Thesis in Performance: Stage and Production Management should be able to attain the following objectives:

1. Read and analyze a performance text from stage and production management perspectives;
2. Communicate with and coordinate the needs of all members of the production effectively;
3. Organize and manage the rehearsal process
4. Develop and update the production budget

## STUDENT ADVISING

### Advising Resources

For specific advising questions, we recommend you make an appointment with one of our academic advisers. All full-time faculty members in the Department of Theatre serve as advisers:

- Professor and Chair, W. B. Worthen
- Assistant Professor Yizhou Huang
- Professor of Professional Practice Alice Reagan
- Professor of Professional Practice Sandra Goldmark
- Senior Lecturer Shayoni Mitra
- Lecturer Gisela Cardenas

Students can email [theatre@barnard.edu](mailto:theatre@barnard.edu) to sign up for the department list-serv.

On our student billboards outside the theatre office at 336 and 333 Milbank there are flyers and information on the major, minor, and how to get involved in the department. Please visit this page on our website for the most up-to-date forms for the major: <https://theatre.barnard.edu/major-requirements>, and here for the minor: <https://theatre.barnard.edu/minor-requirements>.

There are semesterly open house/course planning events that students can attend to learn more about the upcoming semester. These are typically held in early November for information about the Spring semester, and early April for information about the Fall semester. Join the theatre listserv to stay up to date on these and other departmental events.

## Guidance for First-Year Students

Students interested in majoring in Theatre should consider taking three or four of the required classes in their first two years of study: the Critical Histories of Drama, Theatre, and Performance lectures (1 and 2), another lecture or seminar course in the field of drama, theatre, and performance “studies,” and/or a theatre praxis “studio” course.

### General Rule: Attend the First Day of Class

Students are required to attend the first day of class; students who do not attend the first day who are registered for the course will be dropped. Students in acting classes who have been admitted to the course who do not attend the first class meeting will be dropped. Some courses determine enrollment on the first day of class. If the course is over-enrolled, the instructor will determine a method for deciding which students get priority, and only those students present on the first day will be considered.

For more information on enrolling in Theatre Department courses as a first-year student, please see here: <https://theatre.barnard.edu/courses-first-year-students>

## Enrolling in Courses

The Barnard College Department of Theatre is open to any and all Columbia University undergraduates. While our productions require auditions, the program generally is open for enrollment, meaning interested students in or outside of the major may participate in courses as they choose.

### Acting Pre-Requisites:

All students wishing to take Acting courses in the Theatre Department must first complete an Acting I class before moving on to the Acting II series. (Transfer students, please discuss transfer credit equivalencies with the Theatre Department office.)

Please see [here](#) for an up-to-date listing of our Acting course descriptions. Please note that Acting II: Acting Sondheim and Acting II: Contemporary Musical Theatre requires all interested students to submit a video singing audition as well as other information, detailed both on our website and in the course catalogue.

Finally, students majoring in theatre are required to apply for the concentration field in which they will complete a senior thesis. The application for senior thesis fields (acting, design, directing, dramaturgy, playwriting, solo performance, research) is due in January of the junior year (after 5th semester; 3 semesters remaining); students must be declared majors, and have taken

formal coursework in the department in the potential field(s) of the senior thesis. Please see here for more information about the senior thesis: <https://theatre.barnard.edu/senior-thesis-0>

## PREPARATION FOR GRADUATE STUDY

Students interested in PhD studies in the field of literature, theatre, or performance studies should consult Profs. W. B. Worthen, Shayoni Mitra, and/or Yizhou Huang; students interested in MFA in design should consult Prof. Sandra Goldmark; in directing should consult Prof. Alice Reagan; in acting should consult Prof. Gisela Cardenas. All faculty are generally willing to be consulted on your next steps.

## COURSEWORK TAKEN OUTSIDE OF BARNARD

### Advanced Placement Credit

We do not count AP courses toward the major or the minor.

### Columbia College Courses

Several lecture/seminar courses at Columbia University may be counted toward the lecture/seminar requirement in the major or minor. Majors may count up to two courses not taken in the Department of Theatre toward the major; minors may count one. A list of such courses (typically Shakespeare, drama courses offered in the English department, and so on) is developed for each semester. Columbia English (ENTA) and Barnard English (ENTH) courses are typically counted; other courses should be approved by the Theatre Department office.

### Transfer Credit

When students wish to transfer credit to Barnard from other institutions, their coursework is first evaluated for college elective credit by the Registrar’s Office. If they are approved, departments can consider these courses for credit toward the major or minor.

Students are allowed to count up to 2 courses taken elsewhere toward the Theatre major, provided they are similar in duration, number of meetings, and content to courses that fulfill the major offered in the department. Courses are evaluated by the Theatre Department office. Students must take all courses counting toward the minor at Barnard/Columbia. The THTR UN3150 and THTR UN3151 Critical Histories of Drama, Theatre, and Performance cannot be substituted for coursework elsewhere.

### Study Abroad Credit

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia’s Center for Global Engagement) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus.

Classes taken abroad through other institutions or programs are treated as transfer credit and are subject to the same policies as other transfer courses. Accordingly, there will be a limit on the

number of study abroad courses taken at other institutions that can be counted toward the major or minor.

To receive credit toward the major or minor for a study abroad course (whether taken through a Columbia program or another institution/program), students must submit a Study Abroad Approval form through Slate and obtain the approval of the Theatre Department office.

Students planning to study abroad should consult with the Theatre Department office regarding coursework taken abroad. Students studying in conservatory programs in London (RADA, BADA, etc.) typically take the equivalent of 9 credits of acting (3 studio courses) and, if they take two “studies” courses, are awarded one “lecture/seminar” course for that work. They may count ONE course toward the studio requirement and ONE toward the lecture/seminar requirement.

## Summer Credit

Summer courses at Barnard are equivalent to those taken during the academic year. Courses that have been approved for the fulfillment of departmental requirements will automatically count toward the major/minor.

Courses taken at other institutions (including Columbia) are considered transfer credit and are subject to the same policies governing other transfer courses. To receive major or minor credit for a summer course taken at another institution, students must submit a Summer Course form through Slate and have it approved by both the Registrar’s Office and the Theatre Department office.

## SENIOR CAPSTONE PROJECT

Barnard College has a long-standing commitment to preparing students in the major so that they may undertake a capstone project. All Barnard seniors are required to complete a senior project or thesis, an opportunity the Theatre/Drama & Theatre Arts major extends to all majors, whether from Barnard, Columbia College, or Columbia General Studies. The senior thesis project allows students to develop records of individual research that include theoretical engagement in the major discipline, the development of creative projects or research, and original empirical and interpretive analysis. The thesis review will be conducted by the full-time faculty of the department (Cardenas, Goldmark, Huang, Mitra, Reagan, H. Worthen, W.B. Worthen), in consultation with faculty in specific thesis fields.

Please see here for more detail on thesis options by concentration, and for information regarding the application: <https://theatre.barnard.edu/senior-thesis-0>

## DEPARTMENTAL HONORS AND PRIZES

### Departmental Honors

Departmental honors are awarded by the department largely based on overall GPA; Columbia and Barnard set a percentage

of graduating majors eligible for this award. The Department also offers several other awards, the Kenneth Janes Award (Barnard student), Austin Quigley Award (Columbia College student), the Joseph Milton Fee award in playwriting, and the Dasha Amsterdam Epstein Awards (in acting, directing, design, dramaturgy, playwriting, and research). The Janes and Quigley awards are selected by the faculty; protocols for the Fee and Epstein awards are listed on the departmental website.

## Academic Prizes

Please see here for a comprehensive list of prizes, requirements, deadlines: <https://theatre.barnard.edu/prizes>

**Kenneth Janes Award** (Barnard student, no student self-nomination.)

**Austin E. Quigley Award** (Columbia student, no student self-nomination.)

### a. The Dasha Amsterdam Epstein Awards in Honor of Patricia Denison

**Acting:** \$1000 for achievement in acting, including acting solo performance and senior thesis festival; awarded to a graduating senior based on body of work in Theatre Department productions. Nominated and selected by Theatre Department faculty. (No student self-nomination.)

**Design and Production:** \$1000 for achievement in design and production, awarded to a graduating senior based on body of work at Barnard/Columbia. Students may self-nominate, and must have taken a class in design in the Department of Theatre to be eligible.

**Directing:** \$1000 for achievement in directing, awarded to a graduating senior based on body of work at Barnard/Columbia. Students may self-nominate, and must have taken a class in directing in the Department of Theatre to be eligible.

**Dramaturgy:** \$1000 for achievement in dramaturgy, awarded to a graduating senior based on body of work. Students may self-nominate, and must have taken a class in dramaturgy in the Department of Theatre to be eligible.

**Theory, Criticism, Research:** \$1000 for the best undergraduate essay written in a Theatre department class or other class such as English/Theatre (ENTH) class, Comparative Literature/Theatre (CPLT) or English/Theatre Arts (ENTA) class that fulfills Theatre major requirements; essays written as the Theatre major Senior Thesis in Research may be considered as well. (No student self-nomination.)

**Playwriting:** \$1000 for achievement in playwriting, for a new play on contemporary experience. Students may self-nominate, and must have taken a class in playwriting at Barnard or Columbia to be eligible.

### b. Joseph Milton Fee, Jr. Award in Playwriting.

The Prize will be in the amount of \$500, and may be awarded to two undergraduate students (\$500 each) for an original play written in English "on any aspect of the American experience." Applicants are expected to have formally studied playwriting at Barnard or Columbia. Students may self-nominate.

**The department of Theatre is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.**

**Faculty:**

**Chair:** W.B. Worthen (Alice Brady Pels Professor in the Arts)

**Associate Professor:** Hana Worthen (primary appointment Associate Professor, Comparative Literature)

**Assistant Professor:** YIzhou Huang

**Professor of Professional Practice, Theatre, School of the Arts:** Steven Chaikelson

**Professors of Professional Practice:** Sandra Goldmark (also Climate School, Columbia University); Alice Reagan (Director of Undergraduate Studies)

**Senior Lecturers:** Shayoni Mitra

**Lecturers:** Gisela Cardenas

**Adjunct Lecturers:** Mana Allen, Daniel Baker, Andy Bragen, Autum Casey, Kyle deCamp, Crystal Finn, Sharon Fogarty, Tina Mitchell, Shannon Sindelar, David Skeist, Elena Zucker

**Affiliated Faculty:**

Associate Professors: Maja Horn (Spanish and Latin American Cultures, Barnard)

Senior Lecturers: Pam Cobrin (English, Barnard), Patricia Denison (English, Barnard)

**Other officers of the University offering courses listed below:**

Professors: Julie Stone Peters (English, Columbia), Austin Quigley (English, Columbia)

Assistant Professors: Rebecca Kastleman (English, Columbia)

**Department Administrator:** Kate Purdum

**Technical Director:** Greg Winkler

**Director of Production:** Michael Banta

**Costume Shop Manager:** Kara Feely

**Senior Faculty Department Assistant:** Valerie Coates

**The department of Theatre is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.**

**REQUIREMENTS FOR THE MAJOR**

Download the Theatre major self-audit form

A minimum of 44 credits is required to fulfill the requirements for the major. Students intending to major in Theatre should consult with the Department Chair in their sophomore year or earlier to plan a program. Twelve courses and one senior thesis (in Performance or in Research) are required as follows:

**REQUIREMENTS FOR THE MAJOR  
FOUR COURSES**

**Two lecture "studies" courses (must be taken at Barnard):**

THTR UN3150	CRITICAL HISTORIES OF DRAMA, THEATRE, AND PERFORMANCE I
THTR UN3151	CRITICAL HISTORIES OF DRAMA, THEATRE, AND PERFORMANCE 2

**Two theatre studio "praxis" courses, each in a different discipline:**

THTR UN3004	ACTING I
THTR UN3200	DIRECTING I
THTR UN3203	COLLABORATION:DIRECTNG/ DESIGN
THTR UN3300	PLAYWRITING WORKSHOP
THTR UN3301	PLAYWRITING LAB
THTR UN3401	SOUND DESIGN
THTR UN3412	TECHNICAL PRODUCTION
THTR UN3413	STAGE MANAGEMENT
THTR UN3402	COSTUME DESIGN
THTR UN3403	LIGHTING DESIGN
THTR UN3404	SCENE DESIGN
THTR UN3405	PROBLEMS IN DESIGN
THTR UN3210	DRAMATURGY
THTR UN3201	DIRECTING II
THTR UN3202	ADVANCED DIRECTING

**EIGHT ADDITIONAL COURSES:  
LECTURE/SEMINAR AND PRAXIS**

Maximum 5 3-4 point courses in drama studies, theatre studies, performance studies (lecture/seminar) **OR**

Maximum 5 3-4 point courses in praxis(studio) fields: 5 studies/3 praxis; 4 studies/ 4 praxis; 3 studies/5 praxis



- a. praxis courses may be taken a single discipline or combination of disciplines: acting, design, directing, dramaturgy, playwriting, solo performance
- b. one praxis course may be taken in another department, if relevant to thesis, with prior approval of the Chair (i.e., figure drawing)
- c. drama studies, theatre studies, and performance studies lectures/seminars are taken in the Theatre THTR UN 3100 series; 1-2 ENTA, ENTH, CPLS, and/or Shakespeare (literature) courses are typically approved for “studies” requirement; other courses require prior approval of Chair
- d. at least 3 courses in the field of the senior thesis (3 acting classes for acting; solo performance and 2 acting for solo performance thesis; 3 directing classes; 3 design classes; 3 playwriting classes; 1 stage management and 2 design/technical theatre for stage and production management; dramaturgy class and either 2 research classes or 1 research and 1 playwriting for dramaturgy; 3 research classes for research thesis.

## ONE SENIOR THESIS

*Acting, Design, Directing, Dramaturgy, Playwriting, Solo Performance, Stage and Production Management, Research*

THTR UN3997 SENIOR THESIS IN PERFORMANCE (acting, design, directing, dramaturgy, playwriting, solo performance) OR THTR UN3998 SENIOR THESIS IN RESEARCH. **Students apply for thesis field in January of the junior year;** at least 3 courses in the field of the thesis, in addition to the thesis course, required at the time of graduation.

## ONE TO TWO PRODUCTION CREW ASSIGNMENTS

Two 1-2 credit courses (THTR UN2422 PRACTICUM SCENIC PAINT, THTR UN2423 PRACTICUM LIGHTS # SOUND, THTR UN2424 PRACTICUM WARDROBE # RUN CREW, THTR UN2426 PRACTICUM DESIGN THESIS FESTIVAL, THTR UN2427 PRACTICUM DESIGN # PRODUCTION ASSISTANT), one pre-production and one backstage; OR One 3-credit assignment as stage manager (THTR UN2425 PRACTICUM STAGE MANAGEMENT).

## GRADUATE COURSES

Only under special circumstances, and with the permission of the instructor, can undergraduates take graduate classes.

## REQUIREMENTS FOR THE MINOR

The Minor in Theatre provides the opportunity to engage in the range of opportunities offered by the Theatre department: students who minor in Theatre take a mix of lecture and seminar courses in drama, theatre, and performance studies, as well as courses in a selected area or selected areas of performance practice (acting, design, directing, dramaturgy, stage and

production management, playwriting). See here for the [Minor Audit Form](#).

Please note:

**Only courses that would fulfill the major requirements can be used to fulfill minor requirements.**

**For Barnard students: the minor can be “declared” only in the semester that all requirements for the minor will be completed, typically in the first or second semester of the senior year.**

**For students in Columbia College and General Studies: please contact your advising center to declare the minor.**

The minor in Theatre consists of six (6) courses; only courses that fulfill major requirements may be taken to fulfill minor requirements. Students minoring in Theatre may take one (1) relevant course from another department as part of the “elective” series, as approved by the minor advisor or the department chair.

Six courses, to include three 3- or 4-credit lecture/seminar courses, and three 3-credit studio courses, as follows:

- One (1) Theatre lecture course (THTR UN3149 PERFORMANCE IN/OF SOUTH # SOUTHEAST ASIA, THTR UN3150 CRITICAL HISTORIES OF DRAMA, THEATRE, AND PERFORMANCE I, THTR UN3151 CRITICAL HISTORIES OF DRAMA, THEATRE, AND PERFORMANCE 2, THTR UN3154 THEATRE TRAD GLOBAL CONTEXT )
- One (1) additional lecture course from the list above or seminar course offered at the 3000 level in the Theatre department
- One (1) course offered in the Theatre department in any of the following fields: acting, design, directing, dramaturgy, playwriting.
- Three (3) additional courses as follows:
  - One (1) 3000 level lecture/seminar course in drama, theatre, and performance studies offered in the Theatre department
  - Two (2) studio courses, chosen from acting, design, directing, dramaturgy, or playwriting.

One (1) relevant course from another department may be included with prior approval of the department chair, including ENTA courses offered through Columbia English, or relevant courses offered in other departments.

No more than three (3) courses may be in a single format: three (3) lecture or seminar and three (3) studio courses. All three studio courses may be in a single discipline (for example, three courses in acting; two design courses and one approved course in figure drawing; three playwriting courses, including one approved course taken in Barnard English).



## COLUMBIA CORE REQUIREMENTS IN THE THEATRE MAJOR

The Global Core requirement in the Core Curriculum (for CC/  
GS students) can be fulfilled by the Theatre course THTR  
UN3154: Theatre Traditions in a Global Context.

# EARTH AND ENVIRONMENTAL SCIENCES

## THE DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES:

Department website: <https://eesc.columbia.edu/>

Morningside Office Location: 556-7 Schermerhorn Hall Extension

Office Contact: 212-854-3614

Lamont-Doherty Earth Observatory Office Location: 106 Geoscience

Office Contact: 845-365-8550

### Co-Directors of Undergraduate Studies:

Terry Plank and Joerg Schaefer  
[dees-dus@columbia.edu](mailto:dees-dus@columbia.edu)

**Director of Academic Administration and Finance:** Kaleigh Matthews,  
[kaleighm@ldeo.columbia.edu](mailto:kaleighm@ldeo.columbia.edu)

**Undergraduate Program Manager:** Julianna Russo,  
[jr4432@columbia.edu](mailto:jr4432@columbia.edu)

## THE STUDY OF EARTH AND ENVIRONMENTAL SCIENCES:

The undergraduate programs in the Department of Earth and Environmental Sciences provide 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.

All majors, minors, 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.

## STUDENT ADVISING

Earth Science and Environmental Science Majors, Minors, and Concentrators:

DUS: Terry Plank, [dees-dus@columbia.edu](mailto:dees-dus@columbia.edu)

Climate System Science and Climate and Sustainability Majors and Minors:

DUS: Joerg Schaefer, [dees-dus@columbia.edu](mailto:dees-dus@columbia.edu)

All Programs:

Undergraduate Program Manager: Julianna Russo,  
[jr4432@columbia.edu](mailto:jr4432@columbia.edu)

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

To check if AP credits will fulfill program requirements, specifically the Supporting Courses requirement, please contact the DUS.

AP Environmental Science does not fulfill any DEES major, minor, or concentration requirements.

### Barnard College Courses

Courses taken at Barnard College can count towards the Breadth requirement if they are science-based and 2000 level or above. Barnard courses with STEM prerequisites can count towards the Depth requirement. To check if Barnard College courses will fulfill program requirements, please contact the DUS with the course number, name, and syllabus.

### Transfer Courses

Fulfillment of program requirements by earth, environmental, and/or climate-related transfer courses will be determined by the DUS. Please send your transcript and the course name and syllabi to [dees-dus@columbia.edu](mailto:dees-dus@columbia.edu) for evaluation.

For DEES majors, at least 50% of upper-level courses must be taken at Columbia:

**Climate System Science Majors:** Students must take at least 3 Climate System Core courses, and at least 1 Climate Solutions, Justice, Policy, Communications course at Columbia, from their designated lists seen in the bulletin.

**Earth Science and Environmental Science Majors:** At least 3 Depth/Breadth courses must be taught by a DEES Instructor.

**Trinity College Dublin Dual Degree:** Please send your Trinity College transcripts to [dees-dus@columbia.edu](mailto:dees-dus@columbia.edu) to check which courses will fulfill the Earth Science Major requirements. At least 3 Depth courses and 1 Breadth course, as well as the capstone sequence, must be taken at Columbia.

## Study Abroad Courses

Courses taken abroad must be approved by the DUS ahead of time in order to count towards the major. If you are interested in studying abroad, please consult with the DUS to plan your major requirements accordingly. Typically, students can count supporting courses taken abroad, and any earth, environmental, and/or climate-related courses must be evaluated by the DUS. To check if Study Abroad courses will fulfill program requirements, please contact the DUS with the course syllabus.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Senior Thesis Coursework and Requirements

All students majoring in DEES are required to complete the capstone requirement during their senior year. Depending on your major, you may have more than one option to fulfill this requirement - EESC UN3901 Senior Seminar, EESC U3904 Independent Research in Climate System Science, or an approved Field Course. Please refer to the Requirements page and the DEES website to learn more about the capstone options for each major. Only students who complete the senior thesis may be considered for departmental honors.

### Undergraduate Research Outside of Courses

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.

## DEPARTMENT HONORS AND PRIZES

The Department of Earth and Environmental Science awards departmental honors to the major or majors in DEES 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. All students meeting these requirements are automatically considered for departmental honors.

## PROFESSORS

Ryan Abernathey  
 Nicholas Christie-Blick  
 Joel E. Cohen  
 Hugh Ducklow  
 Sonya Dyhrman  
 Peter Eisenberger  
 Göran Ekström  
 Pierre Gentile  
 Steven L. Goldstein  
 Arnold L. Gordon  
 Kevin L. Griffin (Chair)  
 Alex Halliday  
 Sidney R. Hemming (Director of Graduate Studies)  
 Bärbel Hönlisch  
 Peter B. Kelemen  
 Folarin Kolawole  
 Galen McKinley  
 Jerry F. McManus (Associate Chair)  
 Faye McNeill  
 William H. Menke  
 John C. Mutter  
 Meredith Nettles  
 Paul E. Olsen  
 Terry A. Plank (Director of Undergraduate Studies)  
 Lorenzo M. Polvani  
 G. Michael Purdy  
 Maureen Raymo  
 Christopher H. Scholz  
 Adam H. Sobel  
 Marc Spiegelman  
 Martin Stute (Barnard)  
 Maya Tolstoy  
 Renata Wentzcovich

## ASSOCIATE PROFESSORS

Jacqueline Austermann  
 Roisin Commancé  
 Jonathan Kingslake

## ASSISTANT PROFESSORS

Folarin Kolawole  
Yves Moussallam

## ADJUNCT PROFESSORS

Robert F. Anderson  
W. Roger Buck IV  
Denton Ebel  
John J. Flynn  
Arthur Lerner-Lam  
Alberto Malinverno  
Ronald L. Miller  
Dorothy M. Peteet  
Andrew Robertson  
Joerg M. Schaefer  
Christopher Small  
Andreas Thurnherr  
Felix Waldhauser  
Spahr C. Webb  
Gisela Winckler

## ADJUNCT ASSOCIATE PROFESSORS

Anne Bécel

## EMERITUS

Mark Cane  
Hugh Ducklow  
Arnold Gordon  
James Hays  
Paul Richards  
Lynn Sykes  
David Walker

## GUIDELINES FOR ALL EARTH SCIENCE, ENVIRONMENTAL SCIENCE, CLIMATE SYSTEM SCIENCE, AND CLIMATE AND SUSTAINABILITY MAJORS, MINORS, CONCENTRATORS, AND SPECIAL CONCENTRATORS

### Advising

All majors, minors, 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, minor, 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 **cannot** be used toward meeting the requirements of the Earth Science major and Environmental Science major, concentrations, or special concentrations. **Please note:** 1000-level courses can be used towards meeting the requirements of the Climate System Science major and Climate and Sustainability major, and some Earth and Environmental Science minors.
4. Double counting is not permitted for minors.
5. EESC UN2330 does not fulfill the Breadth requirement.
6. EESC GU4600 does not fulfill the Depth requirement, this course would only fulfill the Breadth requirement.

## Grading

A grade of C- or better must be obtained for a course to count toward the majors, concentrations, or special concentrations. The grade of P is not acceptable, but a course taken Pass/D/Fail may be counted if and only if the P is uncovered by the Registrar's deadline.

## MAJOR IN EARTH SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Minors, Concentrators, and Special Concentrators](#) (p. 285) above.

The major in Earth Science requires a minimum of 45.5 points, distributed as follows:

### Foundation Courses

EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
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Select one of the following:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

Students who wish to take both EESC UN2100 EARTH'S ENVIRO SYST: CLIM SYST and EESC UN2300 EARTH'S ENVIRO SYST: LIFE SYST can include one of these under breadth and related fields below.

## Supporting Mathematics and Science Courses

One semester of Calculus at the level of Calculus I or higher (3 credits)

MATH UN1101	CALCULUS I
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Select one of the following three-course sequences:

CHEM UN1403 & CHEM UN1404 & PHYS UN1201	GENERAL CHEMISTRY I- LECTURES and GENERAL CHEMISTRY II- LECTURES and GENERAL PHYSICS I
CHEM UN1403 & PHYS UN1201 & PHYS UN1202	GENERAL CHEMISTRY I- LECTURES and GENERAL PHYSICS I and GENERAL PHYSICS II

## Capstone Experience

Select one of the following:

EESC BC3800 & EESC UN3901	ENVIR SCIENCE SENIOR SEMINAR and SENIOR SEMINAR
EESC BC3801 & EESC UN3901	ENVIR SCIENCE SENIOR SEM II and SENIOR SEMINAR

A six to eight week summer geology field course

## Breadth and Related Fields Requirement

A minimum of 6 points (two courses) chosen with the major adviser are required.

Breadth and related field courses are science courses relevant for an Earth science major that do not require an Earth science background. Several such courses are offered at the 2000-, 3000- and 4000-level in the department and at Barnard. Examples include:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN3010	FIELD GEOLOGY
EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
EESC GU4917	THE EARTH/HUMAN INTERACTIONS
EAEE E2002	

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.

Please note that EESC UN2330 SCIENCE FOR SUSTAINABLE DEVPT does not fulfill the Breadth requirement.

## 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. Depth courses are 3000- and 4000- level courses that carry EESC or supporting science pre-requisites. Students must include at least one of the following in their course of study:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	SOLID EARTH DYNAMICS

Please note that EESC GU4600 EARTH RESOURCES # SUSTAIN DEV does not fulfill the Depth requirement, this course would only fulfill the Breadth requirement.

## Areas of Focus

The following areas of focus include one of the courses listed above and three or more additional courses. Students are not required to specialize in a focus area, but examples are given below for those who choose to do so.

### Geological Science

EESC GU4090	INTRO TO GEOCHRONOLGY
EESC GU4113	Mineralogy and Mineral Resources
EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4230	CRUSTAL DEFORMATION
EESC GU4701	Introduction to Igneous Petrology
EESC GU4887	ISOTOPE GEOLOGY I
EESC GU4947	PLATE TECTONICS AND CLIMATE

It is strongly recommended that students focusing in geological science take the summer geology field course as their capstone experience.

### Geochemistry

EESC UN3015	The Earth's Carbon Cycle
EESC BC3016	ENVIRONMENTAL MEASUREMENTS
EESC BC3200	Ecotoxicology
EESC GU4090	INTRO TO GEOCHRONOLGY
EESC GU4113	Mineralogy and Mineral Resources
EESC GU4701	Introduction to Igneous Petrology
EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC GU4887	ISOTOPE GEOLOGY I
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY



It is recommended that students focusing in geochemistry take CHEM UN1403-CHEM UN1404 General Chemistry I and II, and PHYS UN1201 General Physics I as their supporting science sequence.

#### Atmosphere and Ocean Science

EESC GU4008	Introduction to Atmospheric Science
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4925	INTRO TO PHYSICAL OCEANOGRAPHY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

It is recommended that students focusing on atmosphere and ocean science also take a course in fluid dynamics and a course in differential equations.

#### Solid Earth Geophysics

EESC GU4230	CRUSTAL DEFORMATION
EESC GU4300	THE EARTH'S DEEP INTERIOR
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY
EESC GU4947	PLATE TECTONICS AND CLIMATE
EESC GU4949	Introduction to Seismology

It is recommended that students focusing in solid Earth geophysics take PHYS UN1201-PHYS UN1202 General Physics I and II, and CHEM UN1403 General Chemistry I as their supporting science sequence and also take MATH UN1201 Calculus II.

#### Climate

EESC UN3015	The Earth's Carbon Cycle
EESC BC3025	HYDROLOGY
EESC GU4008	Introduction to Atmospheric Science
EESC GU4330	INTRO-TERRESTRIAL PALEOCLIMATE
EESC GU4835	Wetlands and Climate Change
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4925	INTRO TO PHYSICAL OCEANOGRAPHY
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY

#### Paleontology

EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4550	Plant Ecophysiology
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY

It is recommended that students focusing in paleontology take EESC UN2300 Earth's Environmental Systems: The Life System, as one of their foundation courses.

## MAJOR IN ENVIRONMENTAL SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Minors, Concentrators, and Special Concentrators](#) (p. 285) above.

The major in Environmental Science requires a minimum of 47 points, distributed as follows:

### Foundation Courses

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

### Supporting Mathematics and Science Courses

One semester of Calculus at the level of Calculus I or higher (3 credits)

MATH UN1101	CALCULUS I
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Select one of the following three-course sequences:

CHEM UN1403 & CHEM UN1404 & PHYS UN1201	GENERAL CHEMISTRY I-LECTURES and GENERAL CHEMISTRY II-LECTURES and GENERAL PHYSICS I
CHEM UN1403 & PHYS UN1201 & PHYS UN1202	GENERAL CHEMISTRY I-LECTURES and GENERAL PHYSICS I and GENERAL PHYSICS II
CHEM UN1403 & EEBB UN2001 & PHYS UN1201	GENERAL CHEMISTRY I-LECTURES and ENVIRONMENTAL BIOLOGY I and GENERAL PHYSICS I

### Capstone Experience

EESC BC3800	ENVIR SCIENCE SENIOR SEMINAR
or EESC BC3801	ENVIR SCIENCE SENIOR SEM II
EESC UN3901	SENIOR SEMINAR

### Breadth and Related Fields Requirement

A minimum of 6 points (two courses) chosen with the major adviser are required.

Breadth and related field courses are science courses relevant for an environmental science major that do not require an

environmental science background. Several such courses are offered at the 2000-, 3000- and 4000-level in the department and at Barnard. Examples include:

EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
EESC GU4917	THE EARTH/HUMAN INTERACTIONS
EESC UN3010	FIELD GEOLOGY

Also included among breadth and related fields courses are science, mathematics, statistics, and engineering courses offered by other departments that count toward fulfilling degree requirements in those departments.

Please note that EESC UN2330 SCIENCE FOR SUSTAINABLE DEVPT does not fulfill the Breadth requirement.

## 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. Depth courses are 3000- and 4000- level courses that carry EESC or supporting science pre-requisites. Students must include at least one of the following in their course of study:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	SOLID EARTH DYNAMICS

Please note that EESC GU4600 EARTH RESOURCES # SUSTAIN DEV does not fulfill the Depth Requirement, this course would only fulfill the Breadth requirement.

## Areas of focus

The following areas of focus include one of the courses listed above and two or more additional courses. Students are not required to specialize in a focus area, but examples are given below for those who choose to do so.

### Environmental Geology

EESC GU4076	Geologic Mapping
EESC GU4480	Paleobiology and Earth System History
EAEE E3221	

It is recommended that students focusing in environmental geology also take EESC W4050 Remote Sensing.

### Environmental Geochemistry

EESC UN3015	The Earth's Carbon Cycle
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EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC GU4887	ISOTOPE GEOLOGY I
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4888	Stable Isotope Geochemistry
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

### Hydrology

EESC GU4076	Geologic Mapping
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC BC3025	HYDROLOGY
EAEE E3221	

### Climate Change

EESC UN3015	The Earth's Carbon Cycle
EESC GU4008	Introduction to Atmospheric Science
EESC GU4330	INTRO-TERRESTRIAL PALEOCLIMATE
EESC GU4480	Paleobiology and Earth System History
EESC GU4835	Wetlands and Climate Change
EESC GU4920	PALEOCEANOGRAPHY

It is recommended that students focusing in environmental geology also take EESC GU4050 Remote Sensing.

### Energy and Resources

EESC GU4076	Geologic Mapping
EESC GU4701	Introduction to Igneous Petrology
EAEE E2002	

## MAJOR IN CLIMATE SYSTEM SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Minors, Concentrators, and Special Concentrators](#) (p. 285) above.

The major in Climate System Science requires a minimum of 43.5 points, distributed as follows:

### Foundational Courses

7.5 points minimum (2 courses):

#### Required:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
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#### And any one of:

EESC UN1009	GLOBAL WARMING FOR GLOBAL LEADERS
EESC UN1030	OCEANOGRAPHY
EESC UN1201	Environmental Risks and Disasters

EESC UN1600	EARTH RESOURCES # SUSTAIN DEV
or EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

## Supporting Courses

12 points minimum (4 courses):

**One semester of Calculus at the level of Calculus I or higher:**

MATH UN1101	CALCULUS I
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**And any three courses:**

PHYS UN1201	GENERAL PHYSICS I
PHYS UN1202	GENERAL PHYSICS II
CHEM UN1403	GENERAL CHEMISTRY I-LECTURES
CHEM UN1404	GENERAL CHEMISTRY II-LECTURES
EEMB UN2001	ENVIRONMENTAL BIOLOGY I
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

## Climate System Core

15 points minimum (five courses):

**Required: at least one Paleoclimate Course**

EESC GU4235	SEA LEVEL CHANGE
EESC GU4330	INTRO-TERRESTRIAL PAEOCLIMATE
EESC GU4480	Paleobiology and Earth System History
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY

**Required: at least one Modern Climate Course**

EESC UN3031	CHEMISTRY OF CLIMATE
EESC UN3109	CLIMATE PHYSICS
EESC GU4008	Introduction to Atmospheric Science
EESC GU4020	HUMANS # THE CARBON CYCLE
EESC GU4040	CLIM THERMODYN/ENERGY TRANSFER
EESC GU4835	Wetlands and Climate Change
EESC GU4923	Biological Oceanography
EESC GU4925	INTRO TO PHYSICAL OCEANOGRAPHY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY
EESC GU4930	EARTH'S OCEANS # ATMOSPHERE

## Could include: Other Climate System Course

EESC BC3109	Hydrology
EESC UN3101	Geochemistry for a Habitable Planet
EESC UN3201	SOLID EARTH DYNAMICS
EESC GU4220	GLACIOLOGY
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC GU4923	Biological Oceanography
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

## Could include one: Supporting EESC Course

EESC UN3400	COMPUTATIONAL EARTH SCIENCE
EESC GU4210	GEOPHYSICAL FLUID DYNAMICS
EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4230	CRUSTAL DEFORMATION
EESC GU4887	ISOTOPE GEOLOGY I
EESC GU4888	Stable Isotope Geochemistry

## Climate Solutions, Justice, Policy and Communication

6 points minimum (any two courses below):

### Solutions Courses

EESC BC3045	RESPONDING TO CLIMATE CHANGE (Barnard College)
ARCH UN3120	CITY, LANDSCAPE, # ECOLOGY
EAEE E2002	
EAEE E2100	A BETTER PLANET BY DESIGN
EAEE E4001	INDUST ECOLOGY-EARTH RESOURCES
EAEE E4002	ALTERNATIVE ENERGY RESOURCES
EAEE E4006	Field methods for environmental engineering
EAEE E4300	INTRO TO CARBON MANAGEMENT
EAEE E4302	CARBON CAPTURE
EAEE E4301	CARBON STORAGE
EAEE E4305	CO2 UTILIZATION AND CONVERSION
CIEE E3250	
MECE E4211	ENERGY SOURCES AND CONVERSION
SDEV GU4250	CLIMATE CHANGE: RESILIENCE # ADAPTATION

### Climate Justice, Policy, Economics

ANTH BC3932 CLIMATE CH./GLOB. MIGRATION/  
HUMAN RIGHTS (Barnard College)

ANTH V3861

ARCH UN3400 ENVIRONMENTAL  
VISUALIZATIONS OF NYC

ECON BC3039 ENVIRONMENTAL & NAT. RES.  
ECONOMICS (Barnard College)

ECON BC3040 ENVIRONMENTAL LAW (Barnard  
College)

ECON UN2257 THE GLOBAL ECONOMY

ECON GU4750 GLOBALIZATION # ITS RISKS

POLS UN3648 GOVERNING THE GLOBAL  
ECONOMY

POLS GU4814 GLOBAL ENERGY: SECURITY/  
GEOPOL

POLS GU4863 INTERNATIONAL POLITICAL  
ECONOMY OF DEVELOPING  
COUNTRIES

SDEV UN3355 CLIMATE CHANGE AND LAW

SDEV UN3360 DISASTERS AND  
DEVELOPMENT

SDEV UN2050 ENVIRONMENTAL POLICY  
AND GOVERNANCE

## Climate System Capstone

3 points minimum (one course):

EESC UN3904 INDEPENDENT RESEARCH IN  
CLIMATE SYSTEM SCIENCE

EESC UN3901 SENIOR SEMINAR (taken twice,  
in fall and spring)

or EESC BC3800 followed by EESC UN3901

Approved Field Course focused on the Climate System

~6 weeks, must be proposed and then approved by DUS

## MAJOR IN CLIMATE AND SUSTAINABILITY

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Minors, Concentrators, and Special Concentrators](#) (p. 285) above.

The major in Climate and Sustainability is a joint major between the Undergraduate Program in Sustainable Development and DEES, and requires a minimum of 46.5 points, distributed as follows:

### Climate and Sustainability Foundations

Two courses:

SDEV UN2300 CHALLENGES OF  
SUSTAINABLE DEV

EESC UN2330

SCIENCE FOR SUSTAINABLE  
DEVPT

## Basic Disciplinary Foundations

Five courses:

### A. Natural Science Courses (2):

**Required:**

EESC UN2100 EARTH'S ENVIRO SYST: CLIM  
SYST

**One of the following:**

EESC UN1201 Environmental Risks and Disasters

EESC UN1600 EARTH RESOURCES #  
SUSTAIN DEV

EESC UN2200 EARTH'S ENVIRONMENTAL  
SYSTEMS: THE SOLID EARTH

EESC UN2300 EARTH'S ENVIRO SYST: LIFE  
SYST

### B. Social Science Courses (2):

**Required:**

SDEV UN2100 Introduction to Climate Justice

**One of the following:**

ECON UN1105 PRINCIPLES OF ECONOMICS

POLS UN1601 INTERNATIONAL POLITICS

SDEV UN2000 INTRO TO ENVIRONMENTAL  
LAW

SDEV UN2050 ENVIRONMENTAL POLICY  
AND GOVERNANCE

ANTH BC2427 ANTHROPOLOGY OF  
CLIMATE CHANGE

SDEV UN3400 HUMAN POPULATIONS #  
SDEV

### C. Quantitative Foundations Course (1)

**One of the following:**

STAT UN1201 CALC-BASED INTRO TO  
STATISTICS

MATH UN2010 LINEAR ALGEBRA

EEEB UN3005 INTRO-STAT-ECOLOGY #  
EVOL BIOL

EESC BC3017 ENVIRONMENTAL DATA  
ANALYSIS

Note: Taking Introduction to Statistics and Calculus separately will not fulfill the quantitative requirement.

## Climate and Sustainability: Complexities and Analyses

Four courses:

**Two courses from the following:**

TBD#### Climate Change: Mitigation

SDEV GU4250 CLIMATE CHANGE:  
RESILIENCE # ADAPTATION

ANTH BC3932	CLIM CHNG/GLOBAL MIGR/ HUM RGT
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3366	ENERGY LAW
EESC GU4235	SEA LEVEL CHANGE
EAEE E4304	CLOSING THE CARBON CYCLE

**One of the following Natural Science courses:**

EESC GU4220	GLACIOLOGY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY
EESC GU4923	Biological Oceanography
EESC GU4925	INTRO TO PHYSICAL OCEANOGRAPHY
EESC GU4835	Wetlands and Climate Change
EESC GU4330	INTRO-TERRESTRIAL PALEOCLIMATE
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY
EESC GU4235	SEA LEVEL CHANGE
EAEE E4304	CLOSING THE CARBON CYCLE

**One of the following Social Science courses:**

ANTH 3861	Anthropology of the Anthropocene
POLS 4811	Global Energy: Security/Geopolitics
SDEV 4240	Science Communications
ANTH BC3932	CLIM CHNG/GLOBAL MIGR/ HUM RGT
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3366	ENERGY LAW
SDEV GU4050	US WATER # ENERGY POLICY
ECON BC3039	Environmental and Natural Resource Economics

**Electives**

Select two courses from the following areas. If you select Area 1, you must complete two thesis courses, and these will fulfill the elective requirement:

**Area 1:**

EESC UN3901	SENIOR SEMINAR
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**Area 2:**

Additional courses listed under the *Climate and Sustainability: Complexities and Analysis* requirement

**Area 3:**

Additional quantitative or qualitative methods or skills courses:

STAT UN2103	APPLIED LINEAR REG ANALYSIS
STAT UN3105	APPLIED STATISTICAL METHODS

STAT UN3106	APPLIED MACHINE LEARNING
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4207	ELEMENTARY STOCHASTIC PROCESS
STAT GU4205	LINEAR REGRESSION MODELS
EAEE E4257	ENVIR DATA ANALYSIS # MODELING
EESC BC3050	BIG DATA WITH PYTHON
SDEV UN3390	GIS FOR SUSTAINABLE DEVELOPMNT
SDEV UN3450	SPATIAL ANALYSIS FOR SDEV
SDEV GU4101	QUAL RESEARCH METHODS SDEV

**Practicum**

One course:

**One of the following:**

SDEV UN3998	SUPERVISED INDIVIDUAL RESEARCH
SDEV GU4500	SUSTAINABILITY AND THE MEANING OF PLACE ON CUTTYHUNK ISLAND
SDEV GU4550	The New York City Watershed: From Community Displacement to Collaboration and Climate Adaptation
SUMA PS4734	Earth Institute Practicum

**Capstone Workshop**

One course:

**One of the following:**

SDEV UN3280	WORKSHOP IN SUSTAINABLE DEVPT
SDEV UN3550	BANGLADSH:LIFE-TECT ACTV DELTA
SDEV GU4400	Sustainable Development in Rwanda

**MINOR IN EARTH AND ENVIRONMENTAL SCIENCE**

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Minors, Concentrators, and Special Concentrators](#) (p. 285) above.

The minor in Earth and Environmental Science requires a minimum of 18 points, distributed as follows:



## Foundational Courses

9 points (two courses):

Select two of the following:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

## Depth and Breadth Courses

9 points minimum (three courses):

Any three additional 1000, 2000, 3000, or 4000-level EESC courses.

## MINOR IN CLIMATE SYSTEM SCIENCE

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Minors, Concentrators, and Special Concentrators](#) (p. 285) above.

The minor in Climate System Science requires a minimum of 16.5 points, distributed as follows:

### Foundational Courses

7.5 points (two courses):

Both required:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN1009	GLOBAL WARMING FOR GLOBAL LEADERS

### Climate System Module

6 points minimum (any two courses below):

Two courses from the lists below:

EESC UN1030	OCEANOGRAPHY
EESC UN1201	Environmental Risks and Disasters
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

### Paleoclimate Courses

EESC GU4235	SEA LEVEL CHANGE
EESC GU4330	INTRO-TERRESTRIAL PALEOCLIMATE
EESC GU4480	Paleobiology and Earth System History

EESC GU4920	PALEOCEANOGRAPHY
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY

### Modern Climate Courses

EESC UN3031	CHEMISTRY OF CLIMATE
EESC UN3109	CLIMATE PHYSICS
EESC GU4008	Introduction to Atmospheric Science
EESC GU4020	HUMANS # THE CARBON CYCLE
EESC GU4040	CLIM THERMODYN/ENERGY TRANSFER
EESC GU4925	INTRO TO PHYSICAL OCEANOGRAPHY
EESC GU4930	EARTH'S OCEANS # ATMOSPHERE

### Other Climate System Courses

EESC BC3109	Hydrology
EESC UN3101	Geochemistry for a Habitable Planet
EESC UN3201	SOLID EARTH DYNAMICS
EESC GU4220	GLACIOLOGY
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTL WATERS
EESC GU4923	Biological Oceanography
EESC GU4924	INTRO TO ATMOSPHERIC CHEMISTRY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

### Supporting EESC Courses

EESC UN3400	COMPUTATIONAL EARTH SCIENCE
EESC GU4210	GEOPHYSICAL FLUID DYNAMICS
EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4230	CRUSTAL DEFORMATION
EESC GU4887	ISOTOPE GEOLOGY I
EESC GU4888	Stable Isotope Geochemistry

## Climate Solutions, Justice, Policy and Communication

3 points minimum (any one course below):

### Solutions Courses

EESC BC3045	RESPONDING TO CLIMATE CHANGE (Barnard College)
ARCH UN3120	CITY, LANDSCAPE, # ECOLOGY
EAEE E2002	
EAEE E2100	A BETTER PLANET BY DESIGN
EAEE E4001	INDUST ECOLOGY-EARTH RESOURCES

EAEE E4002	ALTERNATIVE ENERGY RESOURCES
EAEE E4006	Field methods for environmental engineering
EAEE E4300	INTRO TO CARBON MANAGEMENT
EAEE E4302	CARBON CAPTURE
EAEE E4301	CARBON STORAGE
EAEE E4305	CO2 UTILIZATION AND CONVERSION
CIEE E3250	
MECE E4211	ENERGY SOURCES AND CONVERSION
SDEV GU4250	CLIMATE CHANGE: RESILIENCE # ADAPTATION
<b>Climate Justice, Policy, Economics</b>	
ANTH BC3932 CLIMATE CH./GLOB. MIGRATION/ HUMAN RIGHTS (Barnard College)	
ANTH V3861	
ARCH UN3400	ENVIRONMENTAL VISUALIZATIONS OF NYC
ECON BC3039 ENVIRONMENTAL & NAT. RES. ECONOMICS (Barnard College)	
ECON BC3040 ENVIRONMENTAL LAW (Barnard College)	
ECON UN2257	THE GLOBAL ECONOMY
ECON GU4750	GLOBALIZATION # ITS RISKS
POLS UN3648	GOVERNING THE GLOBAL ECONOMY
POLS GU4814	GLOBAL ENERGY: SECURITY/ GEOPOL
POLS GU4863	INTERNATIONAL POLITICAL ECONOMY OF DEVELOPING COUNTRIES
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3360	DISASTERS AND DEVELOPMENT

## MINOR IN EARTH AND SPACE

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Minors, Concentrators, and Special Concentrators](#) (p. 285) above.

The minor in Earth and Space requires a minimum of 15 points, distributed as follows:

### Introductory Course

3 points minimum (one course):

One of the following:

ASTR UN1453	ANOTHER EARTH
ASTR BC1753	LIFE IN THE UNIVERSE

EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
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### Astronomy Courses

6 points minimum (two courses):

Two of the following:

ASTR UN1403	EARTH, MOON, AND PLANETS
ASTR UN1404	STARS, GALAXIES # COSMOLOGY
ASTR UN1420	Galaxies and Cosmology
ASTR UN1836	STARS AND ATOMS

Or the following ASTR sequence:

ASTR UN2001	INTRO TO ASTROPHYSICS I
ASTR UN2002	INTRO TO ASTROPHYSICS II

### DEES Courses

6 points minimum (two courses):

One of the following:

EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN3201	SOLID EARTH DYNAMICS

Plus one of the following:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN3101	Geochemistry for a Habitable Planet

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before Fall 2023. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Concentrations are not available to students who entered Columbia in or after Fall 2024.

### Concentration in Earth Science

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Concentrators, and Special Concentrators](#) (p. 285) above.

The concentration in Earth science requires a minimum of 24 points, distributed as follows:

## Foundation Courses

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
or EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

## Supporting Mathematics and Science Courses

Two science or mathematics courses (6-7 points) selected from among those listed for the Earth science major above.

## Depth and Breadth and Related Fields Requirements

A minimum of 9 points (typically three courses) is required as follows:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	SOLID EARTH DYNAMICS

One additional course chosen from those listed under Depth Requirement for the earth science major above.

The third course selected from those listed under either Depth Requirement or Breadth and Related Fields Requirement for the earth science major above.

## Concentration in Environmental Science

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Concentrators, and Special Concentrators](#) (p. 285) above.

The concentration in environmental science requires a minimum of 25.5 points, distributed as follows:

## Foundation Courses

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

## Supporting Mathematics and Science Courses

Two science or mathematics courses (6-7 points) selected from among those listed for the environmental science major above.

## Depth and Breadth and Related Fields Requirements

A minimum of 6 points (two courses) is required as follows:

EESC UN3101	Geochemistry for a Habitable Planet
or EESC UN3201	SOLID EARTH DYNAMICS

One additional course selected from those listed under either Depth Requirement or Breadth and Related Fields Requirement for the environmental science major above.

## Special Concentration in Environmental Science for Majors in Environmental Biology

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Concentrators, and Special Concentrators](#) (p. 285) above.

The Department of Earth and Environmental Sciences sponsors a special concentration which must be done in conjunction with the environmental biology major. Students should be aware that they must complete the environmental biology major in order to receive credit for the special concentration.

The special concentration in environmental science requires a minimum of 31.5 points, distributed as follows:

## Introductory Environmental Science (13.5 points)

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST

## Introductory Science (6 points)

Two courses in chemistry, physics, mathematics, or environmental biology from the supporting mathematics and science list for the environmental science major above.

## Advanced Environmental Science (12 points)

Four courses at the 3000-level or above chosen from those recommended for the environmental science major above.

Advanced courses used to fulfill requirements in the environmental biology major cannot count toward requirements for the special concentration.

## Special Concentration in Environmental Biology for Majors in Environmental Science

Please read [Guidelines for all Earth Science, Environmental Science, Climate System Science, and Climate and Sustainability Majors, Concentrators, and Special Concentrators](#) (p. 285) above.

The Department of Ecology, Evolution, and Environmental Biology sponsors a special concentration which must be done in conjunction with the environmental science major. Students should be aware that they must complete the environmental science major in order to receive credit for the special concentration.

The special concentration in environmental biology requires a minimum of 39 points, distributed as follows:

### Introductory Environmental Biology and Environmental Science (17 points)

EEEB UN2001	ENVIRONMENTAL BIOLOGY I
EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EEEB UN2002	ENVIRONMENTAL BIOLOGY II

### Introductory Science (13 points)

Select one of the following chemistry sequences:

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I-LECTURES and GENERAL CHEMISTRY II-LECTURES
CHEM UN1604 & CHEM UN2507	2ND TERM GEN CHEM (INTENSIVE) and Intensive General Chemistry Laboratory

One term of statistics such as the following:

STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS
BIOL BC2286	STATISTICS # RESEARCH DESIGN
EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
EEEB UN3087	CONSERVATION BIOLOGY

### Advanced Environmental Biology (9 points)

Three additional advanced EEEB courses (3000-level and above), each chosen from a different curricular area (evolution/genetics, ecology/behavior/conservation, anatomy/physiology/diversity, biology laboratory courses).

Advanced courses used to fulfill requirements in the environmental science major cannot count toward requirements for the special concentration.

### Sustainable Development

Students interested in sustainable development should refer to the *Sustainable Development* section in this Bulletin.

# EAST ASIAN LANGUAGES AND CULTURES

## THE EAST ASIAN LANGUAGES AND CULTURES DEPARTMENT:

Department website: <http://ealac.columbia.edu/>

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Undergraduate Administrator: [Jennifer Petit-Day, 407 Kent, jp4567@columbia.edu]

## THE STUDY OF EAST ASIAN LANGUAGES AND CULTURES

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.

## STUDENT ADVISING

Information to be added

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Study Abroad Courses

East Asian Studies majors or concentrators who opt to spend the spring semester of their junior year abroad should contact the Director of Undergraduate Studies for information about course selection in the sophomore year.

Students planning to study abroad their junior year must take the required disciplinary and senior thesis-related courses in the spring of their sophomore year. Please contact the Director of Undergraduate Studies for more details.

Through the Columbia University Center for Undergraduate Global Engagement (UGE), there are a few study abroad options available to students:

### The Kyoto Consortium for Japanese Studies

The Kyoto Consortium offers Columbia students the opportunity to study in Japan with a program that offers intensive instruction in the Japanese language and courses that explore a wide range of topics in Japanese studies. The program is designed to strengthen your Japanese skills through intensive language training, cultural immersion, and regular interactions with the local community and/or your host family.

### ACADEMIC YEAR/ SEMESTER STUDY

Students should have the equivalent of two semesters (fall departure) or three semesters (spring departure) of college-level Japanese completed by the time of their departure. The program is most appropriate for the junior year, but other arrangements are considered.

### Summer Courses

#### The Kyoto Consortium for Japanese Studies SUMMER STUDY

##### Modern Japanese Track

This program is open to students in good academic standing who have completed at least one year of college-level Japanese or the equivalent. Recent graduates may also apply.

##### Classical Japanese Track

This program is open to students in good academic standing who have completed three years of college-level Japanese or the equivalent.

#### Columbia Summer in Beijing: Chinese Language Program

The Columbia Summer in Beijing: Chinese Language program offers Columbia students of all language levels (beginner to advanced) the opportunity to study in Beijing and complete one academic year of Chinese in nine weeks through intensive courses, language exchange, drill sessions, and cultural activities.

#### Columbia Summer in Shanghai: Business Chinese

The Columbia Summer in Shanghai: Business Chinese program offers Columbia students the opportunity to learn Business Chinese through an intensive course in which students can learn the cultural behaviors, jargon, and linguistic styles used in a professional environment as well as develop their resume and interview skills for multinational businesses. Students should have the equivalent of four semesters of college-level Chinese completed before their departure.

For further information about all of the East Asian programs offered through the Columbia University Center for



Undergraduate Global Engagement (UGE), please contact the assigned advisor for each program listed on the UGE website.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Senior Thesis Coursework and Requirements

East Asian Studies majors who wish to write a senior thesis apply to the EALAC Senior Thesis Program at the end of their junior year. Students must have a minimum grade point average of 3.6 in courses taken in the major at the time of the application. Students interested in applying to the Senior Thesis Program should submit the EALAC Senior Thesis Program Application (see Undergraduate Planning Sheets and Forms). The deadline for submitting applications is usually in late April or early May. Please contact the Academic Coordinator for more information about the application process.

All potential thesis writers are required to enroll in the Senior Thesis Research Workshop (EAAS UN3999) in the fall of the senior year. Students who perform satisfactorily in this workshop, successfully complete a thesis proposal, and find a faculty adviser will then write the Senior Thesis itself in the spring semester under the direction of the adviser and a graduate student tutor (EAAS UN3901).

The senior thesis typically consists of about 30-35 pages of text (double-spaced, normal typeface and margins) and 5-8 pages of references. Under no circumstances should a thesis exceed a total of 50 pages (including references), without the special permission of the faculty adviser.

Successful completion of the thesis by the April 1 deadline in the spring semester will be necessary but not sufficient for a student to receive departmental honors. Normally no more than 10% of graduating majors receive departmental honors in a given academic year; as such, not all thesis writers will receive honors.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

In order to qualify for departmental honors, students must have a GPA of at least 3.7 in classes for the major and have submitted an honors senior thesis of distinction. The faculty of the Department of East Asian Languages and Cultures submits recommendations to the College Committee on Honors for confirmation. Normally no more than 10% of the graduating majors in the department receive departmental honors. In addition, EALAC students are eligible to receive both Latin and Phi Beta Kappa Honors conferred by Columbia College and Phi Beta Kappa inductees.

In addition, the Japanese language program awards the Keiko Chevray Award and the Mary Hue Award for Japanese language; the Korean language program awards The Center for Korean Research Manhae Prize for Korean Language; and

students in the Chinese language program are eligible for the Columbia Award for Chinese Language Study.

Concentrators are not eligible for departmental honors.

## OTHER IMPORTANT INFORMATION

To be added

## PROFESSORS

Robert Hymes  
Theodore Hughes  
Dorothy Ko (Barnard History)  
Eugenia Lean  
Feng Li  
Lening Liu  
Lydia Liu  
D. Max Moerman (Barnard)  
Wei Shang  
Haruo Shirane  
Tomi Suzuki  
Gray Tuttle  
Madeleine Zelin

## ASSOCIATE PROFESSORS

Michael Como (Religion)  
Jungwon Kim  
David Lurie  
Lien-Hang Nguyen (History)  
Gregory Pflugfelder  
Ying Qian

## ASSISTANT PROFESSORS

Nicholas Barlett (Barnard)  
Seong Uk Kim  
Lu Kou  
Paul Kreitman  
John Phan  
Takuya Tsunoda  
Zhaohua Yang (Religion)

## AFFILIATED FACULTY

Robert Harrist (Art History)  
Lauran Hartley (C.V. Starr East Asian Library)  
Matthew McKelway (Art History)  
Jonathan Reynolds (Art History, Barnard)

## SENIOR LECTURERS

Shigeru Eguchi  
Lingjun Hu  
Ji-Young Jung  
Kyoko Loetscher  
Yuan-Yuan Meng  
Fumiko Nazikian  
Miharu Nittono  
Shaoyan Qi

Zhongqi Shi  
Joowon Suh  
Sonam Tsering  
Ling Yan  
Zhirong Wang  
Chen Wu  
Jia Xu

## LECTURERS

Kaidi Chen  
Eunice Chung  
Tianqi Jiang  
Beom Lee  
Yike Li  
Sonam Tsering Ngulphu  
Chung Nguyen  
Keiko Okamoto  
Tao Peng  
Naoko Sourial  
Chikako Takahashi  
Naofumi Tatsumi  
Hailong Wang  
Mihoko Yagi  
Hyunkyu Yi  
Sue Y. Yoon  
Yanwen Wu

## ADJUNCT FACULTY

Allison Bernard  
Yongjun Choi  
Leta Hong Fincher  
Lauran Hartley  
Hey-Ryoun Hong  
Jiyeon Kim  
Yun Kim  
Mayumi Nishida  
Vinh Nguyen  
Andrew Plaks  
Morris Rossabi  
Seunghyo Ryu  
Shuichiro Takeda

## ON LEAVE (TO BE ADDED) GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Course Numbering Structure

The following are general guidelines to the numbering of department courses open to undergraduates. Students with questions about the nature of a course should consult with the instructor or the Director of Undergraduate Studies.

- 1000-level: Introductory-level undergraduate courses and first-year language courses

- 2000-level: Intermediate-level undergraduate courses and second-year language courses
- 3000-level: Advanced-level undergraduate courses and third-year language courses
- 4000-level: Advanced courses geared toward undergraduate students available to graduate students or geared toward both undergraduate and graduate students, fourth-year and above language courses

## Guidance for Transfer Students

[http://ealac.columbia.edu/wp-content/uploads/2022/09/EALAC\\_Transfer-Credit-Approval-Form.pdf](http://ealac.columbia.edu/wp-content/uploads/2022/09/EALAC_Transfer-Credit-Approval-Form.pdf)

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in East Asian Studies

*The requirements for this program were modified in the Spring 2017 semester. Students who declared an EAS major before this semester have the option of following the old or the new requirements. If you have any questions, please contact the Director of Undergraduate Studies.*

### Prerequisite

Students must meet the following prerequisite prior to declaring the East Asian Studies major: two years of Chinese, Japanese, Korean, Tibetan, Vietnamese, or the proficiency equivalent (to be demonstrated by placement examination).

### Language Requirement

Third-year Chinese, Japanese, Korean, Tibetan, or Vietnamese (completion of the UN3005-UN3006 level in Chinese, Japanese, or Korean; TIBT UN3611-UN3612 level in Tibetan; VIET UN3101-UN3102), or the proficiency equivalent (to be demonstrated by placement examination). Students of Chinese may also complete UN3003-UN3004 to meet the third-year requirement.

One of the following sequences (in the target language):

CHNS UN3003 & CHNS UN3004	THIRD YEAR CHINESE I and THIRD YEAR CHINESE II
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Or, for heritage students:

CHNS UN3005 & CHNS UN3006	THIRD YEAR CHINESE W and THIRD YEAR CHINESE W II
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JPNS UN3005 & JPNS UN3006	THIRD YEAR JAPANESE I and THIRD YEAR JAPANESE II
------------------------------	---

KORN UN3005 & KORN UN3006	THIRD YEAR KOREAN I and THIRD YEAR KOREAN II
------------------------------	---

TIBT UN3611 & TIBT UN3612	THIRD YEAR MOD COLLOQ TIBET I and THIRD YEAR MODERN TIBETAN II
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VIET UN3101	THIRD YEAR VIETNAMESE I
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Students who test out of three years or more of a language must take an additional year of that language or another East Asian language at Columbia in order to satisfy the language requirement.

## Introductory Courses

Students are required to take:

AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS
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Students must also select two of the following:

ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
ASCE UN1361	INTRO EAST ASIAN CIV: JPN
ASCE UN1363	INTRO TO EAST ASIAN CIV: KOREA
ASCE UN1365	INTRO EAST ASIAN CIV: TIBET
ASCE UN1367	INTRO EA CIV: VIETNAM

First-year students and sophomores, prior to declaring an East Asian studies major, are strongly urged to take one or more of the introductory courses.

## Methodology Course

All majors **must** take EAAS UN3990 APPROACHES TO E ASIAN STUDIES the fall of their junior year. **Please note that this course is only offered in the fall semester.**

## Elective Courses

Students must take four elective courses in East Asian studies, to be chosen in consultation with the DUS. Two of these courses must be EALAC or AMEC courses. Courses in a second East Asian language (one year minimum) or a classical East Asian language (one semester minimum) may be used to fulfill one elective course.

Please note that the following courses CANNOT be counted as an elective course. These courses can only be used to fulfill the EALAC language requirement:

- Business Chinese I/II
- Advanced Business Chinese I/II
- Media Chinese I/II
- Legal Chinese
- Japanese Pop Culture I/II

However, the following courses are NOT categorized as language courses and CAN count as an elective course:

- History of the Chinese Language
- Acquisition of Chinese as a Second Language

## Senior Thesis Program

East Asian Studies majors who wish to write a senior thesis apply to the EALAC Senior Thesis Program at the end of their junior year. Students must have a minimum grade point average of 3.6 in courses taken in the major at the time of the application.

Students interested in applying to the Senior Thesis Program should submit the EALAC Senior Thesis Program Application (see [Undergraduate Planning Sheets and Forms](#)). The deadline for submitting applications is usually in late April or early May. Please contact the Academic Coordinator for more information about the application process.

All potential thesis writers are required to enroll in the Senior Thesis Research Workshop (EAAS UN3999) in the fall of the senior year. Students who perform satisfactorily in this workshop, successfully complete a thesis proposal, and find a faculty adviser will then write the Senior Thesis itself in the spring semester under the direction of the adviser and a graduate student tutor (EAAS UN3901).

The senior thesis typically consists of about 30-35 pages of text (double-spaced, normal typeface and margins) and 5-8 pages of references. Under no circumstances should a thesis exceed a total of 50 pages (including references), without the special permission of the faculty adviser.

Successful completion of the thesis by the April 1 deadline in the spring semester will be necessary but not sufficient for a student to receive departmental honors. Normally no more than 10% of graduating majors receive departmental honors in a given academic year; as such, not all thesis writers will receive honors.

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## Minor in East Asian Studies

### Prerequisite

2 nd year level in one East Asian language.

### Language requirement

-3rd Year level in one East Asian language (typically two semesters of a 3rd year level language)

- If the student has tested out of 3rd year level in one East Asian language, then they must complete at least two full semesters of language study either at the 4th year level or above in that language, or in a second East Asian language at any level
- Alternatively, a student who has tested out may also complete one semester of an approved classical language + one additional content elective (see below for elective requirements) to fulfill this requirement

### Core requirement

AHUM UN1400 OR one of the following East Asian Civilization courses

- ASCE UN1359 (China Civ)
- ASCE UN1361 (Japan Civ)
- ASCE UN1363 (Korea Civ)

- ASCE UN1365 (Tibet Civ)
- ASCE UN1367 (Vietnam Civ)

### Elective requirement

Two EAAS courses at the 3000-level or above, or one EAAS course and one approved non-EAAS course focused on East Asia, of 3000-level or above.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in East Asian Studies

#### Prerequisite

Students must meet the following prerequisite prior to declaring the East Asian Studies concentration: two years of Chinese, Japanese, Korean, Tibetan, Vietnamese, or the proficiency equivalent (to be demonstrated by placement examination).

#### Language Requirement

Third-year Chinese, Japanese, Korean, Tibetan, or Vietnamese (completion of the UN3005-UN3006 level in Chinese, Japanese, or Korean; TIBT UN3611-UN3612 level in Tibetan; VIET UN3101-UN3102), or the proficiency equivalent (to be demonstrated by placement examination). Students of Chinese may also complete UN3003-UN3004 to meet the third-year requirement.

One of the following sequences (in the target language):

CHNS UN3003 & CHNS UN3004	THIRD YEAR CHINESE I and THIRD YEAR CHINESE II
------------------------------	---

Or, for heritage students:

CHNS UN3005 & CHNS UN3006	THIRD YEAR CHINESE W and THIRD YEAR CHINESE W II
JPNS UN3005 & JPNS UN3006	THIRD YEAR JAPANESE I and THIRD YEAR JAPANESE II
KORN UN3005 & KORN UN3006	THIRD YEAR KOREAN I and THIRD YEAR KOREAN II
TIBT UN3611 & TIBT UN3612	THIRD YEAR MOD COLLOQ TIBET I and THIRD YEAR MODERN TIBETAN II
VIET UN3101	THIRD YEAR VIETNAMESE I

Students who test out of a third-year level East Asian language must take either an additional year of the same language, one year of a classical East Asian language, one year of an additional East Asian language, or two electives.

### Introductory Courses

AHUM UN1400	COLLOQUIUM ON MAJOR TEXTS
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Select one of the following:

ASCE UN1359	INTRO TO EAST ASIAN CIV: CHINA
ASCE UN1361	INTRO EAST ASIAN CIV: JPN
ASCE UN1363	INTRO TO EAST ASIAN CIV: KOREA
ASCE UN1365	INTRO EAST ASIAN CIV: TIBET
ASCE UN1367	INTRO EA CIV: VIETNAM

### Electives

Students must take two courses in East Asian Studies at Columbia or Barnard at the 3000- or 4000-level, subject to approval by the DUS. Courses in a second East Asian language (one year minimum) or a classical East Asian language (one semester minimum) may be used to fulfill one elective course.

Please note that the following courses CANNOT be counted as an elective course. These courses can only be used to fulfill the EALAC language requirement:

- Business Chinese I/II
- Advanced Business Chinese I/II
- Media Chinese I/II
- Legal Chinese
- Japanese Pop Culture I/II

However, the following courses are NOT categorized as language courses and CAN count as an elective course:

- History of the Chinese Language
- Acquisition of Chinese as a Second Language

### Senior Thesis Program

Concentrators are not eligible for the Senior Thesis Program or for departmental honors.

# ECOLOGY, EVOLUTION, AND ENVIRONMENTAL BIOLOGY

## ECOLOGY, EVOLUTION & ENVIRONMENTAL BIOLOGY :

Department website: <http://www.e3b.columbia.edu>

Office location: 1014 Schermerhorn Ext

Office contact: [e3badmin@columbia.edu](mailto:e3badmin@columbia.edu)

Director of Undergraduate Studies: Dr. Matthew Palmer, 1010 Schermerhorn; [mp2434@columbia.edu](mailto:mp2434@columbia.edu)

Evolutionary Biology of the Human Species Advisor: Dr. Jill Shapiro, 1011 Schermerhorn Extension; [jss19@columbia.edu](mailto:jss19@columbia.edu)

Director, Administration and Finance: Kyle Bukhari, 1014B Schermerhorn Extension; [kb2337@columbia.edu](mailto:kb2337@columbia.edu)

## THE STUDY OF ECOLOGY, EVOLUTION & ENVIRONMENTAL BIOLOGY

The Department of Ecology, Evolution & Environmental Biology (E3B) at Columbia University was established in 2001. Although we are a relatively new department, we have grown rapidly in the past decade. We now have an internationally diverse student body and a broad network of supporters at Columbia and throughout New York City. Our affiliated faculty members come from departments at Columbia as well as from the [American Museum of Natural History](#), the [New York Botanical Garden](#), the [Wildlife Conservation Society](#), and the [EcoHealth Alliance](#). Together, we provide an unparalleled breadth and depth of research opportunities for our students.

In creating E3B, Columbia University recognized that the fields of ecology, evolutionary biology, and environmental biology constitute a distinct subdivision of the biological sciences with its own set of intellectual foci, theoretical foundations, scales of analysis, and methodologies.

E3B's mission is to educate a new generation of scientists and practitioners in the theory and methods of ecology, evolution, and environmental biology. Our educational programs emphasize a multi-disciplinary perspective to understand life on Earth from the level of organisms to global processes that sustain humanity and all life.

To achieve this multi-disciplinary perspective, the department maintains close ties to over 70 faculty members beyond its central core. Thus, many faculty members who teach, advise, and train students in research are based in other departments on the Columbia campus or at the partner institutions. Through this collaboration, the department is able to tap into a broad

array of scientific and intellectual resources in the greater New York City area. The academic staff covers the areas of plant and animal systematics; evolutionary and population genetics; ecosystem science; demography and population biology; behavioral and community ecology; and related fields of epidemiology, ethnobiology, public health, and environmental policy. Harnessing the expertise of this diverse faculty and the institutions of which they are a part, E3B covers a vast area of inquiry into the evolutionary, genetic, and ecological relationships among all living things.

## STUDENT ADVISING

DUS for Environmental Biology--Matthew Palmer [mp2434@columbia.edu](mailto:mp2434@columbia.edu)

DUS for Evolutionary Biology of the Human Species--Jill Shapiro [jss19@columbia.edu](mailto:jss19@columbia.edu)

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Information to be added

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

Information to be added

## DEPARTMENT HONORS AND PRIZES

Information to be added

## OTHER IMPORTANT INFORMATION PROFESSORS

Marina Cords (also Anthropology)  
Ruth DeFries (also Climate School)  
Maria Diuk-Wasser  
Kevin Griffin (also Earth and Environmental Sciences)  
Shahid Naeem  
Dustin Rubenstein  
María Uriarte

## ASSOCIATE PROFESSORS

Duncan Menge

## ASSISTANT PROFESSORS

Andrés Bendesky  
Deren Eaton

## LECTURERS

Bekka Brodie  
Matthew Palmer  
Jill Shapiro



## ADJUNCT FACULTY/RESEARCH SCIENTISTS

### Columbia University

Hilary Callahan (Barnard Biology)  
 Steven Cohen (SIPA)  
 Lisa Dale  
 Adela Gondek (SIPA)  
 Paul Hertz (Barnard)  
 Darcy Kelley (Biology)  
 Allison Lopatkin (Barnard Biology)  
 Alba Morales-Jimenez  
 Brian Morton (Barnard Biology)  
 Paul Olsen (Lamont-Doherty)  
 Dorothy Peteet (Lamont-Doherty)  
 Miguel Pinedo Vasquez  
 Alison Pischedda (Barnard Biology)  
 Robert Pollack  
 Marya Pollack  
 Paige West (Barnard)  
 Natalie Boelman (Lamont-Doherty)

### American Museum of Natural History

Felicity Arengo  
 Mary Blair  
 Frank Burbrink  
 Joel Cracraft  
 Suzanne Macey  
 Anna MacPherson  
 Christopher Raxworthy  
 Robert Rockwell  
 Nancy Simmons  
 Brian Smith  
 Jessica Ware

### The New York Botanical Garden

Alex McAlvay  
 Michael Balick  
 Dennis Stevenson

### Wildlife Conservation Society

Howard Rosenbaum  
 Scott Silver  
 Patrick R. Thomas

### Ecohealth Alliance

Peter Daszak  
 Kevin Olival  
 Mindy Rostal

### Others

Rachel Cox (Riverdale Country School)  
 Winslow Hansen (Cary Institute)

Sara Kross (University of Canterbury)

Chad Seewagen (Great Hollow)

Eleanor Sterling (Hawai'i Institute of Marine Biology)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

Program Planning for all Students

Course Numbering Structure

Guidance for First-Year Students

Guidance for Transfer Students

## UNDERGRADUATE PROGRAMS OF STUDY

The grade of D is not accepted for any course offered in fulfillment of the requirements toward the majors or concentrations.

### Major in Environmental Biology

The major in environmental biology requires 50 points, distributed as follows:

#### Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 & EEB UN2002	ENVIRONMENTAL BIOLOGY I and ENVIRONMENTAL BIOLOGY II
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Two terms of environmental science such as the following:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

Two terms of chemistry such as the following:

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I- LECTURES and GENERAL CHEMISTRY II- LECTURES
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One term of physics such as the following:

PHYS UN1201	GENERAL PHYSICS I
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One term of statistics such as the following:

EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
BIOL BC2286	STATISTICS # RESEARCH DESIGN
STAT UN1101	INTRODUCTION TO STATISTICS

STAT UN1201	CALC-BASED INTRO TO STATISTICS
One term of calculus such as the following:	
MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN1202	CALCULUS IV

Upper Division Courses

Students must complete five advanced elective courses (generally 3000-level or above) satisfying the following distribution. At least one of these courses must include a laboratory component. For more information and a list of appropriate courses, contact the director of undergraduate studies.

- 1. Ecology, behavior, or conservation biology;
- 2. Evolution or genetics;
- 3. Morphology, physiology, or diversity;
- 4. Policy or economics;
- 5. One additional course from the preceding four groups.

Students must also complete a senior thesis, which involves completing a research internship (generally in the summer before the senior year) and completing at least one semester of the thesis research seminar, EEEB UN3991- EEEB UN3992 THESIS RESEARCH SEMINAR. Enrollment in both semesters of the seminar, starting in the spring of the junior year, is recommended.

Students planning on continuing into graduate studies in environmental biology or related fields are encouraged to take organic chemistry and genetics.

Ecology and Evolution Track within the Environmental Biology Major

The ecology and evolution track within the environmental biology major requires 50 points, distributed as follows:

Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 & EEEB UN2002	ENVIRONMENTAL BIOLOGY I and ENVIRONMENTAL BIOLOGY II
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Two terms of chemistry such as the following:

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I- LECTURES and GENERAL CHEMISTRY II- LECTURES
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Chemistry laboratory such as the following:

CHEM UN1500	GENERAL CHEMISTRY LABORATORY
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Two terms of physics such as the following:

PHYS UN1201 & PHYS UN1202	GENERAL PHYSICS I and GENERAL PHYSICS II
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One term of statistics such as the following:

EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
BIOL BC2286	STATISTICS # RESEARCH DESIGN
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS

Two terms of calculus, or one term of calculus and second advanced course in math or statistics such as the following:

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN1202	CALCULUS IV

Upper Division Courses

Students must complete five advanced elective courses (generally 3000-level or above) satisfying the following distribution. At least one of these courses must include a laboratory component. For more information and a list of appropriate courses, contact the director of undergraduate studies.

- 1. Three courses in ecology, evolution, conservation biology, or behavior;
- 2. One course in genetics. BIOL UN3031 GENETICS or BIOL BC2100 MOLECULAR # MENDELIAN GENETICS is recommended;
- 3. One course in morphology, physiology, or diversity.

Students must also complete a senior thesis, which involves completing a research internship (generally in the summer before the senior year) and completing at least one semester of the thesis research seminar, EEEB UN3991-EEE UN3992 THESIS RESEARCH SEMINAR. Enrollment in both semesters of the seminar, starting in the spring of the junior year, is recommended.

Students planning on continuing into graduate studies in ecology or evolutionary biology are encouraged to take organic chemistry.

Major in Evolutionary Biology of the Human Species

The major in evolutionary biology of the human species requires 36 points, distributed as described below.

Students must take a minimum of 20 points from approved biological anthropology courses. The additional courses may be taken in other departments with adviser

approval. These include up to 6 points of introductory biology/chemistry or calculus (in any combination). Please speak with the major adviser about the extended list of courses from related areas including Biology, Psychology, Archaeology, Anthropology, Earth and Environmental Science, and Statistics that count toward this program.

For example, students interested in focusing on paleoanthropology would complement the requirements with additional courses in human evolution and morphology, evolutionary biology and theory, archaeology, genetics, and statistics. Those interested in primate behavior would supplement the requirements with classes in behavioral biology, ecology, and statistics.

### **Required Courses**

EEEB UN1010	HUMAN ORIGINS # EVOLUTION
EEEB UN1011	BEHAVIOR BIOL-LIVING PRIMATES

**\*\*Alternate options may be possible for all courses other than EEEB UN1010 HUMAN ORIGINS # EVOLUTION and EEEB UN1011 BEHAVIOR BIOL-LIVING PRIMATES. These will be considered on an individual basis in consultation with the major/concentration adviser.**

### **Conservation Course**

EEEB UN3240	Challenges and Strategies of Primate Conservation (This is the recommended conservation course but this requirement can be fulfilled with other classes such as Conservation Biology, Zoo Conservation, Ecology, Behavior and Conservation of Mammals, SEE-U in Jordan or Brazil, or other relevant offerings.)
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### **Theoretical Foundation from Archaeology**

Select one course of the following: Nearly all archaeology courses (save for Rise of Civilization) can fulfill this requirement. Check with the advisor.

#### **Archaeology**

ANTH UN1007	THE ORIGINS OF HUMAN SOCIETY
ANTH UN2028	THINK LIKE AN ARCHAEOLOGIST
ANTH UN2031	Corpse Life: Anthropological Histories of the Dead [Previously Archaeologies of Death and
ANTH UN3823	ARCH ENGAGE: PAST IN PUB EYE

### **Breadth Requirement**

Select a minimum of one course from each of the three sections (may overlap seminar requirement for majors): As noted above, this is a partial listing. There are additional options for all of the categories that follow. They will be considered on an individual basis in consultation with the major/concentration adviser.

#### **Human Variation/Adaptation/Genetics**

EEEB UN3970	Biol Basis Of Human Variation
EEEB GU4340	HUMAN ADAPTATION
EEEB GU4700	RACE:TANGLED HIST-BIOL CONCEPT
BIOL BC2100	MOLECULAR # MENDELIAN GENETICS
BIOL GU4560	EVOL IN THE AGE OF GENOMICS

#### **Primate Behavioral Biology and Ecology**

EEEB UN3940	Current Controversies in Primate Behavior and Ecology
EEEB GU4015	ANIMAL COMMUN:PRIMATE PERSP
EEEB GU4134	Behavioral Ecology
EEEB GU4201	ECO, BEHAVIOR # CONSERVATION OF MAMMALS (can count for either breadth requirement or conservation requirement, but not both)
EEEB GU4350	PRIMATE SEXUALITY
EEEB GU4370	Parenting Like A Primate: The Evolution of Parental Care
BIOL BC2272	ECOLOGY
BIOL BC2280	ANIMAL BEHAVIOR
PSYC BC1119	Systems and Behavioral Neuroscience
PSYC UN2420	ANIMAL BEHAVIOR
PSYC UN2450	BEHAVIORAL NEUROSCIENCE
PSYC S2490	EVOLUTIONARY PSYCHOLOGY
PSYC BC3372	Comparative Cognition
PSYC UN3450	Evolution of Intelligence, Animal Communication, # Language
PSYC GU4242	Evolution of Language (seminar)
PSYC GU4250	Evolution of Intelligence, Cognition, and Language (Seminar)

#### **Human Evolution/Morphology**

EEEB UN3204	Dynamics of Human Evolution
EEEB UN3208	EXPLORATIONS IN PRIM ANATOMY
EEEB UN3215	FORENSIC OSTEOLOGY
EEEB UN3220	THE EVOL OF HUM GROWTH # DEVPT
EEEB UN3910	THE NEANDERTALS

EEEB UN3998	INDEPENDENT STUDY
EEEB GU4200	Introduction to Mammalogy
ANAT BC2573	HUMAN ANATOMY AND MOVEMENT
BIOL BC2278	EVOLUTION
BIOL UN3006	PHYSIOLOGY
BIOL UN3208	Introduction to Evolutionary Biology
BIOL UN3019	Brain Evolution
BIOL BC3360	PHYSIOLOGY

### **Seminar**

Selection at least one of the following seminars. May also count toward the breadth requirement.

EEEB UN3204	Dynamics of Human Evolution
EEEB UN3910	THE NEANDERTALS
EEEB UN3940	Current Controversies in Primate Behavior and Ecology
EEEB UN3970 Biol Basis Of Human Variation	
EEEB UN3993 & EEBB UN3994	EBHS SENIOR THESIS SEMINAR and EBHS SENIOR THESIS SEMINAR

Additional courses in the student's area of focus to complete the required 36 points overall including a minimum of 20 points of approved biological anthropology courses.

Students intending to pursue graduate study in this field should broaden their foundation by taking an introductory biology course (optimally either EEBB UN2001 ENVIRONMENTAL BIOLOGY I or EEBB UN2002 ENVIRONMENTAL BIOLOGY II) or an advanced evolution course, a genetics course, and a statistics course. We recommend that those interested in either biological anthropology or bioarchaeology take a foundation cultural anthropology course such as ANTH UN1002 THE INTERPRETATION OF CULTURE, ANTH UN2004 INTRO TO SOC # CULTURAL THEORY, ANTH UN2005 THE ETHNOGRAPHIC IMAGINATION, or ANTH UN3040 ANTHROPOLOGICAL THEORY. Students interested in forensic anthropology should take chemistry in lieu of of biology (though the latter is recommended as a foundation course for all students). The adviser makes additional recommendations dependent on the student's area of focus.

### **Approved Biological Anthropology Courses**

#### **Paleoanthropology and Morphology**

EEEB UN1010	HUMAN ORIGINS # EVOLUTION
EEEB UN3204	Dynamics of Human Evolution
EEEB UN3208	EXPLORATIONS IN PRIM ANATOMY
EEEB UN3215	FORENSIC OSTEOLOGY

EEEB UN3220	THE EVOL OF HUM GROWTH # DEVPT
EEEB UN3910	THE NEANDERTALS
EEEB UN3998	INDEPENDENT STUDY

#### **Primate Behavioral Ecology and Evolution**

EEEB UN1011	BEHAVIOR BIOL-LIVING PRIMATES
EEEB UN3940	Current Controversies in Primate Behavior and Ecology
EEEB GU4015	ANIMAL COMMUN:PRIMATE PERSP
EEEB GU4350	PRIMATE SEXUALITY
EEEB GU4370	Parenting Like A Primate: The Evolution of Parental Care

#### **Human Variation**

EEEB UN3970 Biol Basis Of Human Variation	
EEEB GU4340	HUMAN ADAPTATION
EEEB GU4700	RACE:TANGLED HIST-BIOL CONCEPT

#### **Additional Courses**

EEEB UN3240	Challenges and Strategies of Primate Conservation
EEEB UN3993 & EEBB UN3994	EBHS SENIOR THESIS SEMINAR and EBHS SENIOR THESIS SEMINAR

## **MINOR IN ECOLOGY, EVOLUTION, AND ENVIRONMENTAL BIOLOGY**

Beginning in fall 2024 E3B is pleased to announce a new minor in Ecology, Evolution, and Environmental Biology. This minor provides both grounding in the intellectual pillars of the department while affording students the option to explore the broad scope of biodiversity, ecosystems, and environmental and evolutionary biology. Students may also delve into specific subfields such as conservation biology, botany, behavioral biology and ecology, ecosystem ecology, primatology, or human evolution. No previous biology background is required. Ideally, students will take one course by the end of their second year to see if the program is of interest, but juniors and even seniors who develop a curiosity in the subject may complete the minor without difficulty.

Advising: Contact the Directors of Undergraduate Programs. [Matt Palmer mp2434@columbia.edu](mailto:Matt.Palmer@columbia.edu) ([mp2434@columbia.edu](mailto:mp2434@columbia.edu)) advises students who have a broad organismal/ecosystem focus corresponding to interests in the EB program; [Jill Shapiro jss19@columbia.edu](mailto:Jill.Shapiro@columbia.edu) advises students with a focus on human and non-human primate evolutionary biology and behavior, corresponding to the EBHS program. In addition to the program advisors, guidance as to offerings and a complete list of courses including prerequisites is available on the E3B website.

## **REQUIRED COURSES**

Minors must take one of the following four introductory courses and any other four 3-4 points E3B courses (this includes the other introductory classes).

EEEB UN2001 Environmental Biology 1 (offered every fall)

EEEB UN2002 Environmental Biology 2 (offered every spring)

EEEB UN1010 Human Origins and Evolution (offered every fall)

EEEB UN1011 Behavioral Biology of Living Primates (offered every spring)

The four introductory offerings are “gateway” classes. We recommend that students interested broadly in organismal biology/environmental biology take either Environmental Biology 1 or 2, or both. Those with a focus on human and non-human primate evolutionary biology and behavior should take either Human Origins and Evolution or Behavioral Biology of Living Primates. This will maximize the number of upper-level courses that would be open but there is still considerable flexibility. There are a small number of classes without any prerequisites and students with foundational biology courses from either Columbia or Barnard Biology may fulfill some class prerequisites\*. Advisors will provide guidance as to offerings and a complete list of courses including prerequisites is available on the E3B website.

\*BIOL2005/2006 and Barnard BIO BC1501 are similar to EEEB2001 (Environmental Biology 1) and may substitute this for courses requiring the latter as a prerequisite, but must take five other courses in E3B. Since the BIOL sequence does not include evolution (in contrast to EB1) we highly recommend that they take Environmental Biology 2 or one of the other foundation courses. Barnard BIO BC1500 is similar to Environmental Biology 2 and so students who have completed this can count it as having satisfied the introductory course requirement, and so can take any five courses in E3B to complete the minor.

## **COURSE OPTIONS**

UN3001 Saga of Life

UN3005 Intro Statistics Ecology and Evolutionary Biology

UN3087 Conservation Biology

UN3204 Dynamics of Human Evolution

UN3208 Explorations Primate Anatomy

UN3215 Forensic Osteology

UN3220 Evolution of Human Growth and Evolution

UN3240 Primate Conservation

UN3910 The Neandertals

UN3940 Current Controversies in Primate Behavior

UN3970 Biological Basis of Human Variation

UN3919 Trading Nature

UN3997 Independent Study

UN3998.002 Group Independent Study in Postcranial Osteology

GU4015 Animal Communication: A Primate Perspective

GU4050 Programming and Data Science Skills

GU4055 Principles and Applications in Modern DNA Sequencing

GU4065 Tropical Biology (Winter Break Course in Kenya)

GU4086 Ethnobotany

GU4100 Forest Ecology

GU4105 Intermediate Statistics for Ecology and Evolution

GU4111 Ecosystem Ecology and Global Change

GU4112 Ichthyology

GU4126 Conservation Genetics

GU4127 Disease Ecology

GU4129 Zoo Conservation

GU4134 Behavioral Ecology

GU4135 Urban Ecology and Design

GU4140 Ornithology

GU4150 Theoretical Ecology

GU4160 Landscape Ecology

GU4192 Introduction to Landscape Analysis

GU4195 Marine Conservation

GU4200 Introduction to Mammalogy

GU4201 Ecology, Behavior and Conservation of Mammals

GU4210 Herpetology

GU4340 Human Adaptation

GU4350 Primate Sexuality

GU4370 Parenting Like a Primate: the Evolution of Parental Care

GU4550 Plant Ecophysiology

GU4605 Human-Wildlife Conflict

GU4650 Biodiversity and Ecosystem Processes



- GU4666 Insect Diversity
- GU4670 Introduction to GIS
- GU4700 Race: The Tangled History of a Biological Concept
- GU4910 Field Botany and Plant Systematics
- Summer Only:
- S1001 Biodiversity
- S1115 The Life Aquatic
- S3015 Animal Behavior Through Fieldwork

With advisor approval, students may take a maximum of two courses from a limited set taught by affiliates in other departments. For example: DEES GU4560 The Ecology of Tree line in a Changing Climate; BIOL-BC2240 Plant Evolution and Diversity; BIOL/ANAT BC2574-Laboratory in Human Anatomy; BIOL-BC2272 Ecology; and BIOL BC-3380-Applied Ecology and Evolution.

Examples of focused programs (e.g., biodiversity, botany, conservation, ecology, evolutionary biology, human evolution & morphology, primatology, zoology, etc., available on the E3B Department website <https://e3b.columbia.edu/>

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Environmental Biology

The concentration in environmental biology differs from the major in omitting calculus and physics from the lower division, requiring three advanced electives rather than five, and omitting the senior seminar with thesis project. It requires 36 points, distributed as follows:

#### Lower Division Courses

Two terms of introductory or environmental biology such as the following:

EEEB UN2001 & EEEB UN2002	ENVIRONMENTAL BIOLOGY I and ENVIRONMENTAL BIOLOGY II (or equivalents)
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Two terms of environmental science such as the following:

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

Two terms of chemistry such as the following:

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I- LECTURES and GENERAL CHEMISTRY II- LECTURES
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One term of statistics. Select one of the following:

EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
BIOL BC2286	STATISTICS # RESEARCH DESIGN
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS

#### Upper Division Courses

EEEB UN3087	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 introductory courses EEEB UN1010 HUMAN ORIGINS # EVOLUTION, EEEB UN1011 BEHAVIOR BIOL-LIVING PRIMATES, an approved conservation course (optimally Primate Conservation) , and three courses for the breadth distribution requirements as described for the major. Students must take a minimum of 15 points from approved biological anthropology courses as described for the major (the two introductory classes count toward that total). The additional courses may be taken in other departments with adviser approval.

Concentrators do not have to complete the theoretical foundation course from archaeology or a seminar.

### Special Concentration in Environmental Science for Environmental Biology Majors

The Department of Earth and Environmental Sciences sponsors a special concentration which must be done in conjunction with the environmental biology major. Students should be aware that they must complete the environmental biology major in order to receive credit for the special concentration.

The special concentration in environmental science requires a minimum of 31.5 points, distributed as follows:

#### Introductory Environmental Science (13.5 points)

EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST (equivalent to EEEB UN2002)

**Introductory Science (6 points)**

Two courses in chemistry, physics, mathematics, or environmental biology from the supporting mathematics and science list for the environmental science major.

**Advanced Environmental Science (12 points)**

Select four of the following:

EESC UN3015	The Earth's Carbon Cycle
EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
EESC BC3025	HYDROLOGY
EESC GU4008	Introduction to Atmospheric Science
EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
EESC GU4223	SEDIMENTARY GEOLOGY
EESC GU4550	Plant Ecophysiology
EESC GU4835	Wetlands and Climate Change
EESC GU4885	CHEMISTRY OF CONTINENTAL WATERS
EESC GU4917	THE EARTH/HUMAN INTERACTIONS
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY

Advanced courses used to fulfill requirements in the environmental biology major cannot count toward requirements for the special concentration.

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**Special Concentration in Environmental Biology for Environmental Science Majors**

The Department of Ecology, Evolution, and Environmental Biology sponsors a special concentration which must be done in conjunction with the environmental science major. Students should be aware that they must complete the environmental science major in order to receive credit for the special concentration.

The special concentration in environmental biology requires a minimum of 39 points, distributed as follows:

**Introductory Environmental Biology and Environmental Science (17 points)**

EEEB UN2001	ENVIRONMENTAL BIOLOGY I
EEEB UN2002	ENVIRONMENTAL BIOLOGY II (equivalent to EESC UN2300)
EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

**Introductory Science (13 points)**

Select one of the following chemistry sequences:

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I-LECTURES and GENERAL CHEMISTRY II-LECTURES
CHEM UN1604 & CHEM UN2507	2ND TERM GEN CHEM (INTENSIVE) and Intensive General Chemistry Laboratory
One term of statistics such as the following:	
EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
BIOL BC2286	STATISTICS # RESEARCH DESIGN
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS
EEEB UN3087	CONSERVATION BIOLOGY

**Advanced Environmental Biology (9 points)**

Three additional advanced environmental biology courses (3000-level and above), each chosen from a different curricular area (evolution/genetics, ecology/behavior/conservation, anatomy/physiology/diversity, biology laboratory courses).

# ECONOMICS

## ECONOMICS DEPARTMENT:

Department Website: <https://econ.columbia.edu>

Office Location: 1022 International Affairs Building

Office Contact: 212-854-3680, [econ-info@columbia.edu](mailto:econ-info@columbia.edu)

Director of Undergraduate Studies: Dr. Susan Elmes,  
1006 International Affairs Building; 212-854-9124;  
[se5@columbia.edu](mailto:se5@columbia.edu)

Undergraduate Coordinator: Laura Yan, [ly38@columbia.edu](mailto:ly38@columbia.edu)

## THE STUDY OF 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 advisor to discuss their particular interests.

## STUDENT 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.

### Consulting Advisors

For answers to the most common questions that students have about the majors, the department has graduate student advisors, who are available by e-mail at [econ-advising@columbia.edu](mailto:econ-advising@columbia.edu), or during weekly office hours to meet with students.

Students should direct all questions and concerns about any economic program to the graduate student advisors either in person or via e-mail. The graduate student advisors can discuss major requirements, scheduling, and major course selection, as well as review student checklists and discuss progress in

the major. Occasionally, graduate student advisors 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 advisors are posted on the Advisors page [Advisors page](#) of the departmental website in the week prior to the beginning of the semester. Students considering one of the interdepartmental majors should speak to both a graduate student advisor from the Economics Department and the advisor from the other department early in the sophomore year.

### Faculty Advisors

Faculty advisors are available only to declared majors. They are able 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 advisor by completing the google form available on the [Advisors page](#) of the departmental website.

The department does its best to match students with faculty members that share similar academic interests. While faculty advisors do not discuss major requirements—that is the role of the graduate student advisors—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 advisor.

## Enrolling in Classes

### Prerequisites

The Department strictly enforces all course prerequisites. Prerequisite courses cannot be taken concurrently with or after the course—they must be taken before the course. Students who take a course out of sequence (before or concurrently with its prerequisites) will not be allowed to count those credits towards the completion of their major, and consequently will be required to take an additional course to replace those credits. For placement in the calculus sequence, please consult the Math department's section of the Bulletin. The list of Prerequisites for Econ courses can be found on the [Course Prerequisites](#) page of the Dept. website.

### Registration for Restricted Classes

Most lecture courses are open to online Registration. However, Seminars, Research Courses, Independent Study and Corporate Finance are restricted. Information regarding Seminar Registration can be found on the [Senior Seminar Registration](#) page. Registration information for Research Course credit, Independent Study and Corporate Finance can be found on the [Registration Information](#) page.

## Preparing for Graduate Study

On the [Preparing for Graduate School](#) page on our website, you will find general advice for students thinking about pursuing a PhD in economics. All students who are considering graduate work should review the material posted there. Since graduate work requires more mathematical and statistical training than the economics major, students interested in graduate work should speak with econ-advising about planning their course schedule.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

AP tests must be taken in both microeconomics and macroeconomics, with a score of 5 on one test and at least a 4 on the other. Provided that this is achieved, the department grants 4 credits for a score of 4 and 5 on the AP Economics exam along with exemption from [ECON UN1105 PRINCIPLES OF ECONOMICS](#).

### IB Credit or GCE A Level Exams

If you took the IB Exam and received either a 6 or a 7 or if you took GCE A Level Exams and received an A or a B, then you will receive credit from the college. Those credits will automatically exempt you from the Principles requirement.

### Barnard College Courses

Barnard Economics Core Courses and seminars do NOT count towards the Columbia Economics Major or concentration. Specifically, the following courses will NOT count toward your major program:

[ECON BC1003](#), [ECON BC1007](#), [ECON BC2411](#), [ECON BC3018](#), [ECON BC3033](#), [ECON BC3035](#).

The Barnard courses listed below will count as Electives toward your Economics Major provided you have completed the course prerequisites, have not taken an equivalent course in the Columbia Department, and have fulfilled the minimum requirement of taking 5 lecture courses in the Columbia Department.

#### Economics (Barnard)

ECON BC2010	The Economics of Gender
ECON BC2012	Economic History of Western Europe
ECON BC2017	INTRODUCTION TO HEALTH ECONOMICS
ECON BC2020	Introduction to Development Economics
ECON BC2075	Logic and Limits of Economic Justice
ECON BC2224	CODING MARKETS
ECON BC3010	American Wellbeing
ECON BC3011	INEQUALITY AND POVERTY

ECON BC3012	THE ECONOMICS OF EDUCATION
ECON BC3013	Economic History of the United States
ECON BC3014	Entrepreneurship
ECON BC3017	Economics of Business Organization
ECON BC3019	LABOR ECONOMICS
ECON BC3027	Economics of Inequality
ECON BC3022	Economic History of Europe
ECON BC3023	Topics in Economic History
ECON BC3024	MIGRATION # ECONOMIC CHANGE
ECON BC3026	Economics of the Public Sector
ECON BC3029	EMPIRICAL APPROACHES DEVLPMNT
ECON BC3031	Economics of Life
ECON BC3038	INTERNATIONAL MONEY # FINANCE
ECON BC3039	Environmental and Natural Resource Economics
ECON BC3041	THEORETICAL FOUNDATIONS- POLIT ECON
ECON BC3045	BUSINESS CYCLES
ECON BC3047	International Trade
ECON BC3049	Economic Evaluation of Social Programs
ECON BC3270	Topics in Money and Finance
ECON UN3025	FINANCIAL ECONOMICS
ECON UN3265	MONEY AND BANKING

#### NOTES:

1) ECON UN2261 Accounting and Finance for Economics does NOT count as an economics elective. Financial Economics majors may take this course to fulfill their accounting requirement.

2) The above list is not necessarily complete. Barnard Department on occasion adds new lecture courses. If you have a question about a Barnard elective course not listed above, then you should contact econ-advising@columbia.edu.

### Transfer Courses

Any courses taken outside of the Economics Departments at Columbia or Barnard that you would like to apply towards the completion of your economics degree must be approved by the Department of Economics in addition to approval by your school. All majors and joint majors are required to take a minimum of 5 lecture courses from the Columbia Department of Economics and must take their senior seminar at Columbia.

See the [Transfer Credit Information](#) page for details on which courses may be eligible for transfer credit, as well as information



on how to apply for transfer credit. Please read the information carefully before submitting your materials for review.

## Study Abroad Courses

All students who plan to study abroad must contact Sunil Gulati during the prior semester to get preliminary approval for any economics courses that they intend to take abroad. Students should also review the information posted on the [Transfer Credit Information](#) page for details regarding which courses may be eligible.

## Summer Courses

All students who hope to take classes in the Summer outside of Columbia University must also contact Sunil Gulati in advance to get preliminary approval for any economics courses. Note that students must also have approval from their school to take Summer courses outside of Columbia.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

All majors write a research paper in either a senior seminar or in the honors seminar. Each semester the department offers a wide range of senior seminars (see [Senior Seminar Descriptions](#) for the seminars currently on offer). Seminars are small, discussion-based courses focused on a research topic in economics. Students are expected to attend and participate in these courses, as well as to write an original research paper. Registration information for senior seminars is available on the [Senior Seminar Registration](#) page. Some students will write a senior thesis in the Honors Seminar. Details about writing a senior thesis are below.

### Senior Thesis Coursework and Requirements SENIOR HONORS THESIS

#### Honors Seminar

The honors seminar is a full-year course, and you will not receive a grade until you have completed both semesters. Completing both semesters satisfies your seminar requirement in the economics department. If you do not complete both semesters, however, you must take a senior seminar to graduate as a major. For details see the Senior Honors Thesis info on the [Honors and Prizes](#) page.

Students who successfully complete the Honors Seminar are eligible to graduate with departmental honors in economics.

### Undergraduate Research Outside of Courses

During the academic year, students may work as an RA with a faculty member or PhD student and receive 1 – 2 credits of either ECON GU4996 Research Credit or ECON GU4995 Research Credit (GU 4995 is for GS students only). Research positions typically entail an average of 3 hours of work per

week per credit. Research credit may not be used as a substitute for elective or seminar requirements in the major and students will receive a letter grade for their work. Students considering graduate work or writing a senior thesis in economics should take one or more RA positions during their time at Columbia. Information on Research Credit (GU4995 and GU4996) is posted on the [Opportunities](#) page. Available RA positions are posted every semester on our WIKI page, [Econ Info For Students](#) (log-in required).

## DEPARTMENT HONORS AND PRIZES

### Departmental Honors

Economics majors and economics joint majors who wish to be considered for departmental honors in economics must:

1. Have at least a 3.7 GPA in their major courses;
2. Take ECON GU4999 Senior Honors Thesis Workshop (a one-year course);
3. Receive at least a grade of A- in ECON GU4999 Senior Honors Thesis Workshop.

Students must apply for admission to GU4999 and details regarding that application are included in the annual Summer Mailing sent to all students with a declared program in economics. Please note that ECON GU4999 Senior Honors Thesis Workshop may be taken to fulfill the seminar requirement for the economics major and all economics joint majors. Normally no more than 10% of graduating majors receive departmental honors in a given academic year. Please see the [Honors and Prizes](#) page on the department's website for more information.

### Undergraduate Prizes

All prize recipients are announced at the end of the spring semester each academic year.

#### Sanford S. Parker Prize

Established in 1980, this prize is awarded annually to a Columbia College graduating student who majored or concentrated in economics and plans on continuing his or her studies in an economics Ph.D. program within the two years following his or her graduation.

#### Romine Prize

Established in 1997, this prize is awarded annually to two students (Columbia College or General Studies) majoring in economics: one for the best honors thesis paper, and the other for the best economics seminar paper.

#### Summer Research Prizes



### *Parker Summer Research Fellowship*

The Parker Summer Fellowship provides financial support for five Columbia College underclassmen who take unpaid summer internships that focus on research. Preference is given to students working with Columbia researchers but all CC students undertaking a summer research position are eligible to apply.

### *GS Prize for Summer Research*

The GS Summer Fellowship provides financial support for 2 GS underclassmen who take unpaid summer internships that focus on research. Preference is given to students working with Columbia researchers but all GS students undertaking a summer research position are eligible to apply.

## OTHER IMPORTANT INFORMATION

### Online Information

Students can access useful information online, including but not limited to: a comprehensive FAQ page; transfer credit information; sample programs and checklists; faculty office hours, contact information and fields of specialization; advisor contact information; teaching and research assistant opportunities; a list of tutors; and current course offerings.

Posted on our [Announcements](#) page are links to the most important memos that we distribute to our majors including pre-registration mailings, the summer mailing and information for new majors. Our [WIKI](#) page has information about opportunities both inside and outside of the department. Login is required to access the WIKI page.

### Frequently Asked Questions

As a first step, students are encouraged to visit the Dept.'s [FAQ page](#), which provides comprehensive information and answers to the most frequently-asked questions about the departmental majors and requirements. This page also includes a section that answers specific questions of first-year students, sophomores, and non-majors.

## PROFESSORS

Douglas Almond (also School of International and Public Affairs)  
Jushan Bai  
Jagdish N. Bhagwati  
Sandra Black (also School of International and Public Affairs)  
Alessandra Casella (also Political Science Department)  
Yeon-Koo Che  
Pierre-André Chiappori  
Graciela Chichilnisky  
Richard Clarida (also School of International and Public Affairs)  
Donald Davis  
Prajit Dutta  
Gautam Gowrisankaran  
Harrison Hong

R. Glenn Hubbard (also Business School)  
Navin Kartik  
Wojciech Kopczuk (also School of International and Public Affairs)  
Sokbae (Simon) Lee  
Qingmin Liu  
Suresh Naidu (also School of International and Public Affairs)  
Serena Ng  
Brendan O'Flaherty  
Andrea Prat (also Business School)  
Jeffrey Sachs (also Earth Institute, School of International and Public Affairs, Dept of Health Policy and Management)  
Xavier Sala-i-Martin  
Bernard Salanié  
José A. Scheinkman  
Stephanie Schmitt-Grohé  
Joseph Stiglitz (also Business School, School of International and Public Affairs)  
Martín Uribe  
Miguel Urquiola (also School of International and Public Affairs)  
Eric Verhoogen (also School of International and Public Affairs)  
  
Ebonya Washington (also School of International and Public Affairs)  
David Weinstein  
Michael Woodford (Chair)

## ASSOCIATE PROFESSORS

Mark Dean  
Lena Edlund  
Jennifer La'O

## ASSISTANT PROFESSORS

Hassan Afrouzi  
Michael Best  
Matthieu Gomez  
Emilien Gouin-Bonenfant  
Elliot Lipnowski  
Neomie Pinardon-Touati  
Evan Sadler  
Pietro Tebaldi  
Jack Willis

## LECTURERS

Irasema Alonso  
Isaac Bjorke  
Tri Vi Dang  
Susan Elmes  
Seyhan Erden  
Tamrat Gashaw  
Sunil Gulati

Waseem Noor

## ADJUNCT FACULTY

Qi Ge  
Claudia Halbac  
Karla Hoff  
Caterina Musatti

## ON LEAVE

Prof. Willis (2023-2024)  
Profs. Che, Gouin-Bonenfant, Hong, Lipnowski, Sadler,  
Washington *Fall 2023*  
Profs. Casella, Schmitt-Grohe (*Spring 2024*)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

There are a number of resources to assist you in planning your program in economics.

- [Checklists](#) for all programs are available on our website.
- [Econ-advising](#) is available to assist all students with academic planning. They can be reached by email or in person during their office hours.
- Tentative annual course offerings are posted on the [website](#) and in departmental newsletters.
- Information for new students is posted on the [Academic Resources Fair](#) page.

### Course Numbering Structure

All economics programs begin with an introductory 1000 level course (Principles of Economics) and progress through the required 3000 level required core economics courses (Intermediate Micro, Intermediate Macro and Econometrics). Most elective courses are offered at the 3000 and 4000 level and all require that students have completed at least UN 3211 Int Micro and UN 3213 Int Macro. The department offers a limited number of 2000 level electives and these courses only require that students have completed Principles of Economics.

### Guidance for First-Year Students

Our [Academic Resources Fair](#) page has answers to the most common questions of new students at Columbia. On that page you will find information about advising, placement, course planning, opportunities in the department and much more. If you are interested in pursuing economics, then it is strongly recommended that you read through the information posted here.

## Guidance for Transfer Students

Our [Academic Resources Fair](#) page has answers to the most common questions of transfer students at Columbia. On that page you will find information about advising, placement, course planning, opportunities in the department and much more. If you are interested in pursuing economics, then it is strongly recommended that you read through the information posted here.

The [Transfer Credit](#) page has all of the information that you will need to apply for transfer credits for economics courses that you have taken elsewhere. Note that the economics department will also review your transfer credits for calculus I, statistics and accounting courses. Details about all of these courses are also posted at [Transfer Credit Information](#).

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

#### Checklists and Requirements

Checklists and Requirement information are available on the [Department website](#).

#### Economics Core Courses

**All** of the core courses must be completed **no later than the spring semester** of the student's **junior year** and must be taken at Columbia. *Students who take any core course during the fall semester of their senior year must obtain written permission from the department's director of undergraduate studies.* Unless otherwise specified below, all students must complete the following core courses:

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON UN3412	INTRODUCTION TO ECONOMETRICS

#### Prerequisites

Course prerequisites are strictly enforced. Prerequisites must be taken before the course, not after or concurrently.

Economics courses taken before the completion of any of its prerequisites, even with instructor approval, are **not** counted toward the major, concentration, or interdepartmental majors. Exemptions from a prerequisite requirement may only be made, in writing, by the department's director of undergraduate studies. Credits from a course taken *prior* to the completion of its prerequisites are **not** counted towards the major requirements. As a consequence, students are required to complete **additional**,

specific courses in economics at the direction of the director of undergraduate studies.

The prerequisites for required courses are as follows:

Course	Prerequisites		
ECON UN1105 PRINCIPLES OF ECONOMICS	None	ECON UN3025 FINANCIAL ECONOMICS	ECON UN3211 INTERMEDIATE MICROECONOMICS
MATH UN1101 CALCULUS I		ECON GU4020 ECON OF UNCERTAINTY # INFORMTN	ECON UN3213 INTERMEDIATE MACROECONOMICS
STAT UN1201 CALC-BASED MATH UN1101 CALCULUS I INTRO TO STATISTICS		ECON GU4230 ECONOMICS OF NEW YORK CITY	STAT UN1201 CALC-BASED INTRO TO STATISTICS
ECON UN3211 INTERMEDIATE MICROECONOMICS	ECON UN1105 PRINCIPLES OF ECONOMICS MATH UN1201 CALCULUS III or UN1205	ECON GU4260 MARKET DESIGN	
ECON UN3213 INTERMEDIATE MACROECONOMICS	ECON UN1105 PRINCIPLES OF ECONOMICS MATH UN1101 CALCULUS I Co-requisite: MATH UN1201 CALCULUS III or UN1205	ECON GU4280 CORPORATE FINANCE	
ECON UN3412 INTRODUCTION TO ECONOMETRICS	MATH UN1201 CALCULUS III or UN1205 ECON UN3211 INTERMEDIATE MICROECONOMICS or UN3213 STAT UN1201 CALC-BASED INTRO TO STATISTICS	ECON GU4370 POLITICAL ECONOMY	
ECON 2000-level electives	ECON UN1105 PRINCIPLES OF ECONOMICS	ECON GU4700 FINANCIAL CRISES	
ECON GU4211 ADVANCED MICROECONOMICS	ECON UN3211 INTERMEDIATE MICROECONOMICS ECON UN3213 INTERMEDIATE MACROECONOMICS MATH UN2010 LINEAR ALGEBRA Corequisites: MATH UN2500 ANALYSIS AND OPTIMIZATION or GU4061	ECON GU4710 FINANCE AND THE REAL ECONOMY	
ECON GU4412 ADVANCED ECONOMETRICS	ECON UN3211 INTERMEDIATE MICROECONOMICS	ECON GU4850 COGNITIVE MECH # ECON BEHAVIOR	
ECON GU4213 ADVANCED MACROECONOMICS	ECON UN3213 INTERMEDIATE MACROECONOMICS	ECON GU4860 BEHAVIORAL ECONOMICS	ECON UN3211 INTERMEDIATE MICROECONOMICS
ECON GU4413 Econometrics of Time Series and Forecasting	ECON UN3412 INTRODUCTION TO ECONOMETRICS MATH UN2010 LINEAR ALGEBRA		ECON UN3213 INTERMEDIATE MACROECONOMICS
		All other ECON 3000- and 4000-level electives	ECON UN3412 INTRODUCTION TO ECONOMETRICS (Co-requisite)
		ECON UN3901 ECONOMICS OF EDUCATION	ECON UN3211 INTERMEDIATE MICROECONOMICS
		ECON UN3952 MACROECONOMICS	ECON UN3213 INTERMEDIATE MACROECONOMICS
		ECON UN3981 APPLIED ECONOMETRICS	ECON UN3412 INTRODUCTION TO ECONOMETRICS
		ECON GU4911 MICROECONOMICS SEMINAR	
		ECON GU4913 MACROECONOMICS SEMINAR	
		ECON GU4918 SEMINAR IN ECONOMETRICS	
		ECON GU4921 SEMINAR IN POLITICAL ECONOMICS	
			ECON UN3211 INTERMEDIATE MICROECONOMICS
			ECON UN3213 INTERMEDIATE MACROECONOMICS
			ECON UN3412 INTRODUCTION TO ECONOMETRICS
			ECON GU4370 POLITICAL ECONOMY

## ECPS GU4921 SEMINAR IN POLITICAL ECONOMICS # PHILOSOPHY

Barnard electives

It is **strongly recommended** that students take ECON UN3412 INTRODUCTION TO ECONOMETRICS in the semester **immediately** following the completion of the statistics course.

### Grading

No course with a grade of D or lower, including calculus and statistics courses, can count toward the major, concentration, or interdepartmental majors. Economics core courses with a grade of D or F must be retaken and completed with a grade of C- or better.

Students who receive a grade of D or F in a core course are permitted to take a higher-level elective course that has that core course as a prerequisite, so long as it is taken concurrently with the retaking of that core course. For example, if a student fails ECON UN3211 INTERMEDIATE MICROECONOMICS, the student must retake it and, in the same semester, may enroll in an elective course for which it is a prerequisite, provided that all other prerequisites for the elective have been completed. The same rule applies to the required math and statistics courses. For example, if a student fails *MATH UN1201 CALCULUS III*, the student may retake calculus III concurrently with *Intermediate Microeconomics*. Students who must retake any core economics or math course may not retake it concurrently with a senior seminar; the economics core courses *ECON UN3211 INTERMEDIATE MICROECONOMICS*, *ECON UN3213 INTERMEDIATE MACROECONOMICS*, and *ECON UN3412 INTRODUCTION TO ECONOMETRICS* must be successfully completed before a student may enroll in a seminar.

A grade of W is not equivalent to a grade of D or F; it does not qualify a student to retake the course concurrently with a higher level course that lists the course as a prerequisite. Students who receive a grade of W in a core course must complete the course with a grade of C- or better before taking a course that lists it as a prerequisite.

Only ECON UN1105 PRINCIPLES OF ECONOMICS may be taken for a grade of Pass/D/Fail, and the student must receive a grade of P for it to count towards the requirements for the major, concentration, or interdepartmental majors.

### Economics Electives

Only those courses identified in the Economics Department listings in this Bulletin may be taken for elective credit. All 3000-level or higher electives offered by the Economics Department have ECON UN3211 INTERMEDIATE MICROECONOMICS and ECON UN3213 INTERMEDIATE MACROECONOMICS as prerequisites. However, some

## ECON UN3211 INTERMEDIATE MICROECONOMICS ECON UN3213 INTERMEDIATE MACROECONOMICS ECON UN3412 INTRODUCTION TO ECONOMETRICS

See Barnard bulletin

Electives have additional prerequisites and students should ensure that all prerequisites have been completed (see the table of prerequisites printed above). *Seminars do not count as electives.*

### Seminars

Seminars can be taken only after all of the required core courses in economics have been successfully completed. Students may not take or re-take ECON UN3211 INTERMEDIATE MICROECONOMICS, ECON UN3213 INTERMEDIATE MACROECONOMICS, or ECON UN3412 INTRODUCTION TO ECONOMETRICS concurrently with any senior seminar. *Seminars do not count as electives.* Each seminar is limited to sixteen students, with priority given to seniors. For ECPS GU4921 SEMINAR IN POLITICAL ECONOMICS and ECPS GU4950 ECONOMICS # PHILOSOPHY, priority is given to economics-political science and economics-philosophy majors, respectively.

For seminar registration details, read the information posted on the department's *Senior Seminar Registration* page: <http://econ.columbia.edu/senior-seminars-registration>.

### Mathematics

Students must consult with the Mathematics Department for the appropriate placement in the calculus sequence. Students must complete one of the following sequences:

Select one of the following sequences:

MATH UN1101 & MATH UN1201	CALCULUS I and CALCULUS III
MATH UN1101 & MATH UN1205	CALCULUS I and ACCELERATED MULTIVARIABLE CALC
MATH UN1207 & MATH UN1208	HONORS MATHEMATICS A and HONORS MATHEMATICS B

In addition:

1. Students who receive a grade of D or F in MATH UN1201 CALCULUS III or MATH UN1205 must retake the course, but may enroll in ECON UN3211 INTERMEDIATE MICROECONOMICS.
2. Students who receive a grade of D or F in MATH UN1207 HONORS MATHEMATICS A may either retake the course, or take MATH UN1201 CALCULUS III or MATH UN1205, and enroll in ECON UN3211 INTERMEDIATE MICROECONOMICS concurrently.

### Statistics

Unless otherwise specified below, all students must take STAT UN1201 CALC-BASED INTRO TO STATISTICS, or a higher level course, such as STAT GU4204 STATISTICAL INFERENCE, or STAT GU4001.



## Barnard Courses

A limited number of Barnard economics electives may count toward the major, concentration, and interdepartmental majors. Students should pay careful attention to the limit of Barnard electives indicated in their program requirements. Please see the *Transfer Credit* section below for information on the number of Barnard electives that may be taken to fulfill major requirements. In addition, students may receive credit for the major, concentration, and interdepartmental majors only for those Barnard economics courses listed in this Bulletin. However, students may not receive credit for two courses whose content overlaps. Barnard and Columbia economics electives with overlapping content include but are not limited to:

ECON BC3029 & ECON GU4321	EMPIRICAL APPROACHES DEVLPMNT and ECONOMIC DEVELOPMENT
ECON BC3038 & ECON GU4505	INTERNATIONAL MONEY # FINANCE and INTERNATIONAL MACROECONOMICS
ECON BC3019 & ECON GU4400	LABOR ECONOMICS and LABOR ECONOMICS
ECON BC3047 & ECON GU4500	International Trade and INTERNATIONAL TRADE
ECON BC3039 & ECON GU4625	Environmental and Natural Resource Economics and ECONOMICS OF THE ENVIRONMENT
ECON BC3041 & ECON GU4235	THEORETICAL FOUNDATIONS- POLIT ECON and HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes
ECON GU4400	LABOR ECONOMICS
ECON GU4235	HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes

Students should always first consult with *econ-advising* to confirm that the Barnard elective they wish to take does not overlap with a Columbia elective that they have already taken or plan to take. Students may *not* take the Barnard core economics, math, statistics, or seminar courses for credit towards the completion of major requirements.

## School of Professional Studies Courses

The Department of Economics does not accept *any* of the courses offered through the School of Professional Studies for credit towards the economics major, concentration, or interdepartmental majors with the exception of the courses offered by the Economics Department during the summer session at Columbia.

## Other Department and School Courses

Please note that with the exception of the above Barnard courses and the specific courses listed below for the financial economics major, no other courses offered through the different departments and schools at Columbia count toward the economics majors or concentration.

## Transfer Credits

Students are required to take a minimum number of courses in the Columbia Economics Department. For all majors and interdepartmental majors, students must complete a minimum of *five* lecture courses in the Columbia department. Students may fulfill their remaining requirements for economics lecture courses through AP (or IB or GCE) credits, Barnard electives, transfer courses, and study abroad courses (the latter two are subject to the approval of the Economics Department). The following table summarizes the new rules:

Program	Number of required economics lecture courses	Minimum number which must be taken in the department	Maximum number of outside allowed
Economics major	9	5	4
Financial economics	8	5	3
Economics- mathematics	7	5	2
Economics- political science	7	5	2
Economics- statistics	7	5	2
Economics- philosophy	7	5	2
Economics concentration	7	4	3

- 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;
- At least two of the three 3000-level economics core courses must be taken in the department and no corresponding Barnard courses are accepted. ECON UN3025 FINANCIAL ECONOMICS and ECON UN3265 MONEY AND BANKING are counted as departmental courses regardless of the instructor;
- Outside courses** include AP (or IB or GCE) credits, transfer credits, Barnard 2000- and 3000-level elective courses and transfer credits from other universities. In the case where two or more courses taken outside of Columbia are used as the equivalent of ECON UN1105 PRINCIPLES OF ECONOMICS, those courses are counted as one transfer course.



4. At least one of the core finance courses, ECON UN3025 FINANCIAL ECONOMICS and ECON GU4280 CORPORATE FINANCE, must be taken at Columbia.

**Approval of transfer credits** to fulfill economics requirements must be obtained in writing from the Department of Economics (see the [departmental website](#) or speak with your advising dean for information regarding applications for transfer credit). Approval is granted only for courses that are considered to be comparable to those offered at Columbia.

**Summer courses** taken at other institutions must be approved in writing by the department's transfer credit adviser before the course is taken. The department does not accept transfer credits for any 3000 level core courses taken during a summer session outside of Columbia University. Summer courses taken from the department of economics at Columbia University do not need approval.

**Guidelines and instructions** on how to request transfer credit approval can be found in the *Transfer Credit Information* page of the [departmental website](#).

## Major in Economics

Please read **Required Coursework for all Programs** above. [Checklists](#) for all programs are available on our website.

The economics major requires a minimum of 35 points in economics, 6 points in mathematics, and 3 points in statistics, for a total of at least 44 points as follows:

### Economics Core Courses

All economics core courses

### Mathematics

Select a mathematics sequence

### Statistics

Select a statistics course

### Economics Electives

Select at least five electives, of which no more than one may be taken at the 2000-level (including Barnard courses)

### Economics Seminar

Select one economics seminar course

## Major in Financial Economics

Please read **Required Coursework for all Programs** above.

The Department of Economics offers the major in financial economics, which provides an academic framework to explore the role of financial markets and intermediaries in the allocation (and mis-allocation) of capital. Among the topics studied in financial economics are financial markets, banks and other financial intermediaries, asset valuation, portfolio allocation, regulation and corporate governance.

The financial economics major requires 26 points in economics, 6 points in mathematics, 3 points in statistics, 3 points in business, and 12 points from a list of selected courses for a total minimum of 50 points as follows:

### Economics Core Courses

All economics core courses

### Finance Core Courses \*

ECON UN3025 FINANCIAL ECONOMICS

ECON GU4280 CORPORATE FINANCE

BUSI UN3013 FINANCIAL ACCOUNTING

\*NOTE: The department considers BUSI UN3013, IEOR E2261 and ECON UN2261 as overlapping courses. Students who take these three courses shall be credited with one course only. Financial economics majors who are also in the Business Management concentration program (CNBUMG) must take an additional elective from either the financial economics prescribed elective list (below) or from the CNBUMB prescribed list.

### Mathematics

Select a mathematics sequence

### Statistics

Select a statistics course

### Electives

Select four of the following, of which two must be from the Columbia or Barnard economics departments, or equivalent economics transfer credits:

ECON BC3014 Entrepreneurship

ECON BC3017 Economics of Business Organization

ECON UN3265 MONEY AND BANKING

ECON UN3901 ECONOMICS OF EDUCATION

ECON UN3952 MACROECONOMICS #FORMATION OF EXPECTATIONS

ECON GU4020 ECON OF UNCERTAINTY # INFORMTN

ECON GU4213 ADVANCED MACROECONOMICS

ECON GU4251 INDUSTRIAL ORGANIZATION

ECON GU4260 MARKET DESIGN

ECON GU4412 ADVANCED ECONOMETRICS

ECON GU4415 GAME THEORY  
or ECON BC3080 Applied Game Theory

ECON GU4465 PUBLIC ECONOMICS  
or ECON BC3026 Economics of the Public Sector

ECON GU4500 INTERNATIONAL TRADE  
or ECON BC3047 International Trade

ECON GU4505 INTERNATIONAL MACROECONOMICS  
or ECON BC3038 INTERNATIONAL MONEY # FINANCE

ECON G4526 Transition Reforms, Globalization and Financial Crisis

ECON GU4615 LAW AND ECONOMICS

ECON GU4630 Climate Finance

ECON GU4700	FINANCIAL CRISES
ECON GU4710	FINANCE AND THE REAL ECONOMY
ECON GU4840 or ECON BC3048	BEHAVIORAL ECONOMICS Introduction to Behavioral Economics
ECON GU4850	COGNITIVE MECH # ECON BEHAVIOR
ECON GU4860	BEHAVIORAL FINANCE
BIOT GU4180	ENTREPRENEURSHIP IN BIOTECH
ECON BC3014	Entrepreneurship
ECON BC3017	Economics of Business Organization
ECON BC3043	Monetary Theory # Policy
BUSI UN3021	MARKETING MANAGEMENT
BUSI UN3701	STRATEGY FORMULATION
BUSI UN3702	VENTURING TO CHANGE THE WORLD
BUSI UN3703	LEADERSHIP IN ORGANIZATION
BUSI UN3704	Making History Through Venturing
COMS W1002	COMPUTING IN CONTEXT
HIST W2904	History of Finance
IEOR E4106	STOCHASTIC MODELS
IEOR E4700	INTRO TO FINANCIAL ENGINEERING
MATH UN3050	DISCRETE TIME MODELS IN FINANC
MATH GR5010	INTRO TO THE MATH OF FINANCE
POLS UN3630	POLITCS OF INTL ECON RELATIONS
STAT W3201	Math Finance in Continuous Time
STAT GU4261	STATISTICAL METHODS IN FINANCE
STAT GU4207	ELEMENTARY STOCHASTIC PROCESS
STAT GU4262	Stochastic Processes for Finance

### Seminar

The seminar must be chosen from a list of seminars eligible for the financial economics major. The department indicates which seminars are eligible for the major on the Senior Seminars page of the departmental website.

Students must have completed at least one of ECON UN3025 or ECON GU4280 prior to taking their senior seminar.

\* 1) Students must complete the finance core no later than fall of their senior year. 2) At least one of the core finance courses, ECON UN3025 and ECON GU4280, must be taken at Columbia.

## Major in Economics-Mathematics

Please read **Required Coursework for all**

**Programs** above. Checklists for all programs are available on our website.

The major in economics and mathematics provides students with a grounding in economic theory comparable to that provided by the general economics major and exposes students to rigorous and extensive training in mathematics. The program is recommended for any student planning to do graduate work in economics.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Mathematics has an assigned adviser with whom students may consult on mathematics requirements. The economics adviser can only advise on economics requirements; the mathematics adviser can only advise on mathematics requirements.

The economics-mathematics major requires a total of 52 or 56 points (depending on mathematics sequence) : 29 points in economics and 23-27 points in mathematics and statistics as follows:

### Economics Core Courses

All economics core courses

### Economics Electives

Select three electives at the 3000-level or above

### Mathematics

Select one of the following sequences:

MATH UN1101 & MATH UN1102  
& MATH UN1201  
& MATH UN2010

CALCULUS I  
and CALCULUS II  
and CALCULUS III  
and LINEAR ALGEBRA

MATH UN1101 & MATH UN1102  
& MATH UN1205  
& MATH UN2010

CALCULUS I  
and CALCULUS II  
and ACCELERATED  
MULTIVARIABLE CALC  
and LINEAR ALGEBRA

MATH UN1207  
& MATH UN1208

HONORS MATHEMATICS A  
and HONORS MATHEMATICS B

Note: Students who take MATH UN1205 may not receive credit for both MATH UN1201 and MATH UN1202.

Analysis requirement:

MATH UN2500

ANALYSIS AND OPTIMIZATION

Select three of the following:

MATH UN1202  
MATH UN2030

CALCULUS IV  
ORDINARY DIFFERENTIAL EQUATIONS

Any mathematics course at the 3000-level or above

Note: Students who take MATH UN1205 will not receive credit for MATH UN1202.

### Statistics

Select one of the following sequences:

STAT GU4001	INTRODUCTION TO PROBABILITY AND STATISTICS
STAT GU4203 & STAT GU4204	PROBABILITY THEORY and STATISTICAL INFERENCE

**Economics Seminar**

Select an economics seminar

**NOTE:**

1. Students who fulfill the statistics requirement with STAT GU4203 and STAT GU4204, may count STAT GU4203 or STAT GU4204 as one of the three required mathematics electives.
2. Students who choose the one year sequence (STAT GU4203/STAT GU4204), must complete the year long sequence *prior* to taking ECON UN3412. Students receive elective credit for the probability course.

**Major in Economics-Philosophy**

Please read **Required Coursework for all Programs** above. [Checklists](#) for all programs are available on our website.

Economics-philosophy is an interdisciplinary major that introduces students to basic methodologies of economics and philosophy and stresses areas of particular concern to both, e.g. rationality and decision making, justice and efficiency, freedom and collective choice, logic of empirical theories and testing. Many issues are dealt with historically. Classic texts of Plato, Kant, Mill, Marx, and Smith are reviewed.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Philosophy has an assigned adviser with whom students may consult on philosophy requirements. The economics adviser can only advise on economics requirements; the philosophy adviser can only advise on philosophy requirements.

The economics-philosophy major requires a total minimum of 54 points: 25 points in economics, 16 points in philosophy, 6 points in mathematics, 3 points in statistics, and 4 points in the interdisciplinary seminar as follows:

**Economics Core Courses**

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON UN3412	INTRODUCTION TO ECONOMETRICS

**Mathematics**

Select a mathematics sequence

**Statistics**

Select a statistics course

**Economics Electives**

Three Electives are required; two must be selected from the below list, and the remaining elective may be any economics elective at the 3000-level or above.

ECON GU4020	ECON OF UNCERTAINTY # INFORMTN
ECON UN3901	ECONOMICS OF EDUCATION
ECON GU4211	ADVANCED MICROECONOMICS
ECON GU4213	ADVANCED MACROECONOMICS
ECON GU4228	URBAN ECONOMICS
ECON GU4230	ECONOMICS OF NEW YORK CITY
ECON GU4235	HISTORICAL FOUNDATIONS OF MODERN ECONOMICS: Adam Smith to J M Keynes
or ECON BC3041	THEORETICAL FOUNDATIONS-POLIT ECON
ECON GU4260	MARKET DESIGN
ECON GU4301	ECONOMIC GROWTH # DEVELOPMENT I
ECON GU4321	ECONOMIC DEVELOPMENT
or ECON BC3029	EMPIRICAL APPROACHES DEVELOPMENT
ECON GU4370	POLITICAL ECONOMY
ECON GU4400	LABOR ECONOMICS
or ECON BC3019	LABOR ECONOMICS
ECON GU4415	GAME THEORY
or ECON BC3080	Applied Game Theory
ECON GU4438	ECONOMICS OF RACE IN THE U.S.
ECON GU4465	PUBLIC ECONOMICS
or ECON BC3026	Economics of the Public Sector
ECON GU4480	GENDER # APPLIED ECONOMICS
ECON GU4500	INTERNATIONAL TRADE
or ECON BC3047	International Trade
ECON GU4615	LAW AND ECONOMICS
ECON GU4625	ECONOMICS OF THE ENVIRONMENT
or ECON BC3039	Environmental and Natural Resource Economics
ECON GU4630	Climate Finance
ECON GU4750	GLOBALIZATION # ITS RISKS
ECON GU4840	BEHAVIORAL ECONOMICS
or ECON BC3048	Introduction to Behavioral Economics
ECON GU4850	COGNITIVE MECH # ECON BEHAVIOR
ECON BC3011	INEQUALITY AND POVERTY
<b>Philosophy Courses</b>	
PHIL UN1010	METHODS/PROB OF PHILOS THOUGHT
PHIL UN3411	SYMBOLIC LOGIC
PHIL UN3701	ETHICS

PHIL UN3551	PHILOSOPHY OF SCIENCE
or PHIL UN3960	EPISTEMOLOGY
PHIL GU4561	PROBABILITY # DECISION THEORY

#### Seminar

ECPH GU4950	ECONOMICS # PHILOSOPHY
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**Students who declared before Spring 2014:** The requirements for this program were modified in 2014. Students who declared this program before Spring 2014 should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

## Major in Economics–Political Science

Please read **Required Coursework for all**

**Programs** above. [Checklists](#) for all programs are available on our website.

Political economy is an interdisciplinary major that introduces students to the methodologies of economics and political science and stresses areas of particular concern to both. This program is particularly beneficial to students planning to do graduate work in schools of public policy and international affairs.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Political Science has an assigned adviser with whom students may consult on political science requirements. The economics adviser can only advise on economics requirements; the political science adviser can only advise on political science requirements.

The economics–political science major requires a total of 59 points: 22 points in economics, 17 points in political science, 6 points in mathematics, 6 points in statistical methods, 4 points in a political science seminar, and 4 points in the interdisciplinary seminar as follows.

The political science courses are grouped into four areas, i.e. subfields: (1) American Politics, (2) Comparative Politics, (3) International Relations, and (4) Political Theory. For the political science part of the major, students are required to select one area as a major subfield and one as a minor subfield. The corresponding introductory courses in both subfields must be taken, plus two electives in the major subfield, and one in the minor subfield.

#### Economics Core Courses

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON GU4370	POLITICAL ECONOMY

#### Mathematics

Select a mathematics sequence

#### Statistical Methods

STAT UN1201	CALC-BASED INTRO TO STATISTICS
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Select one of the following:

ECON UN3412	INTRODUCTION TO ECONOMETRICS
POLS GU4712	PRINC OF QUANT POL RESEARCH 2

#### Economics Electives

Select two electives (6 points) at the 3000-level or above

#### Political Science Courses

Students must choose a Primary Subfield and a Secondary Subfield to study. The subfields are as follows: American Politics (AP), Comparative Politics (CP), International Relations (IR), and Political Theory (PT).

Primary Subfield: Minimum three courses, one of which must be the subfield's introductory course.

Secondary Subfield: Minimum two courses, one of which must be the subfield's introductory course.

#### Seminars

Students must take the following two seminars:

ECPS GU4921	SEMINAR IN POLITICAL ECONOMICS
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and a Political Science Department seminar, in the student's Primary Subfield. Please select one of the following: \*

POLS UN3911	SEMINAR IN POLITICAL THEORY
or POLS UN3912	SEMINAR IN POLITICAL THEORY
POLS UN3921	AMERICAN POLITICS SEMINAR
or POLS UN3922	AMERICAN POLITICS SEMINAR
POLS UN3951	COMPARATIVE POLITICS SEMINAR
or POLS UN3952	Seminar in Comparative Politics
POLS UN3961	INTERNATIONAL POLITICS SEMINAR
or POLS UN3962	INTERNATIONAL POLITICS SEMINAR

- Students who wish to count toward the political science seminar requirement a course that is not in the above list of approved seminars must obtain permission from the political science Director of Undergraduate studies. Barnard colloquia can count for seminar credit only with the written permission of the Director of Undergraduate Studies. Note that admission to Barnard colloquia is by application to the Barnard political science department only.

## Major in Economics-Statistics

Please read **Required Coursework for all**

**Programs** above. [Checklists](#) for all programs are available on our website.

The major in economics-statistics provides students with a grounding in economic theory comparable to that provided by

the general economics major, but also exposes students to a significantly more rigorous and extensive statistics training than is provided by the general major. This program is recommended for students with strong quantitative skills and for those contemplating graduate studies in economics.

The Department of Economics has graduate student advisers with whom students may consult on economics requirements. The Department of Statistics has an assigned adviser with whom students may consult on statistics requirements. The economics adviser can only advise on economics requirements; the statistics adviser can only advise on statistics requirements.

The economics-statistics major requires a total of 59 points: 29 in economics, 15 points in statistics, 12 points in mathematics, 3 points in computer science as follows:

**Economics Core Courses**

All economics core courses

**Economics Electives**

Select three electives at the 3000-level or above

**Mathematics**

Select one of the following sequences:

MATH UN1101      CALCULUS I  
& MATH UN1102      and CALCULUS II  
& MATH UN1201      and CALCULUS III  
& MATH UN2010      and LINEAR ALGEBRA

MATH UN1101      CALCULUS I  
& MATH UN1102      and CALCULUS II  
& MATH UN1205      and ACCELERATED  
& MATH UN2010      MULTIVARIABLE CALC  
                                 and LINEAR ALGEBRA

MATH UN1207      HONORS MATHEMATICS A  
& MATH UN1208      and HONORS MATHEMATICS  
                                 B

**Statistics**

STAT UN1201      CALC-BASED INTRO TO  
                                 STATISTICS

STAT GU4203      PROBABILITY THEORY

STAT GU4204      STATISTICAL INFERENCE

STAT GU4205      LINEAR REGRESSION  
                                 MODELS

One elective in statistics from among courses numbered  
STAT GU 4206 through GU 4266.

**Computer Science**

Select one of the following:

COMS W1004      Introduction to Computer Science  
                                 and Programming in Java

COMS W1005      Introduction to Computer Science  
                                 and Programming in MATLAB

COMS W1007

ENGI E1006      INTRO TO COMP FOR ENG/  
                                 APP SCI

STAT UN2102      Applied Statistical Computing

**Economics Seminar**

ECON GU4918      SEMINAR IN ECONOMETRICS

**Students who declared before Spring 2014:** The requirements for this program were modified in 2014. Students who declared this program before Spring 2014 should contact the director of undergraduate studies for the department in order to confirm their options for major requirements.

**FOR STUDENTS WHO ENTERED  
COLUMBIA IN OR BEFORE THE  
2023-24 ACADEMIC YEAR**

**Concentration in Economics**

Please read **Required Coursework for all Programs** above. [Checklists](#) for all programs are available on our website.

The economics concentration requires a minimum of 25 points in economics, 6 points in mathematics, and 3 points in statistics, for a total of at least 34 points as follows:

**Economics Core Courses**

All economics core courses

**Mathematics**

Select a mathematics sequence

**Statistics**

Select a Statistics course

**Economics Electives**

Select at least three electives, of which no more than one may  
be taken at the 2000-level (including Barnard courses)



# EDUCATION

The department of Education is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.

Please note that the Educational Studies major is currently being offered to Barnard College students only.

Please note that the Education Studies major is currently being offered to Barnard College students only.

701 Milstein Center  
212-854-7072  
[education@barnard.edu](mailto:education@barnard.edu)

Program Director/Chair: Professor Maria River Maulucci  
Department Administrator: Amy Shire ([ashire@barnard.edu](mailto:ashire@barnard.edu))

## THE STUDY OF EDUCATION

The Barnard Education Program envisions education as an emancipatory human right that develops people's capacities to think critically and act creatively for peace, justice, and sustainability in local and global contexts. Education is a fundamental human activity that occurs in formal and informal settings as people interact within their social, historical, and physical environments. The program educates students to draw on interdisciplinary research and perspectives in order to critically analyze the role of education in society, and to create and sustain equitable educational practices and policies for all.

## PROGRAMS OF STUDY

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: Education Studies (Major and Minor/Special Concentration), and Urban-Teaching Minors/Special Concentration (that leads to teacher certification in Elementary/Childhood Education or Secondary-Adolescent Education).

In all tracks, students develop critical lenses to understand education as a fundamental human activity that occurs across many settings; to analyze the issues facing public schools; and to consider ways to promote fair and inclusive policies and practices for children and youth. The classes are open to all undergraduates at Columbia (BC, SEAS, GS, CC). The two tracks we offer are:

### Education Studies

Education Studies is an interdisciplinary program for students who wish to understand, critically analyze, and conduct research on the role of education in society. Our students draw on a wide range of theoretical and empirical scholarship to study education

as a social, cultural, and historical process. We understand education as much more than schooling, even as schooling is central to many of our concerns. Students who pursue the major or the minor/special concentration in Education Studies learn to evaluate educational policy, practice, and research through a critical, equity-oriented lens. Our graduates will be prepared to act creatively for peace, justice, and sustainability in local and global educational contexts. Education Studies prepares students to pursue graduate studies or positions in public policy, sociology, history, youth studies, philosophy, psychology, and other areas where K-12 education is frequently a focus of coursework and scholarship, as well as to pursue teacher certification through a graduate program. Education Studies does not lead to teacher certification.

**Education Studies Major:** The Education Studies major is designed for students whose primary interest is in pursuing Education as their major course of study. Education Studies majors concentrate in one of three areas: Education, Culture, and Society; Educational Policy; or Comparative and International Education. In their senior year, they conduct an original inquiry project. Currently, the major in Education Studies is open to Barnard College students only.

**Education Studies Minor/Special Concentration:** Education Studies minors (BC) or special concentrations (CC, GS) pursue similar coursework to that undertaken by the majors. This course of study is intended to complement a major's disciplinary specialization and methodological training. In addition to the requirements of the minor/special concentration, students must complete a major. The special concentration minors are open to all students at Barnard College, Columbia College, and College of General Studies.

For further information, and to apply to the major or minor tracks, please visit our [website](#)

### Urban Teaching Minors/Special Concentrations

This track is for students who want to graduate from college with teacher certification. Our goal is to prepare students to become skilled and reflective teachers who can effectively respond to the learning needs of diverse learners, and create supportive and intellectually stimulating classroom communities. Students learn to create innovative curriculum; gain experience observing, tutoring, and teaching a diverse range of children and young people; develop confidence in their role as teachers who can promote fair and inclusive school practices; and graduate with certification to teach in New York.

This program is registered by the New York State Department of Education and accredited by the Association for Advancing Quality in Educator Preparation (AAQEP). Students who complete the program will be recommended for Initial Certification in either Childhood Education (Grades 1-6) or Adolescent Education (Grades 7-12). We provide ongoing support to program completers through our Barnard Teacher Network.

To apply to the Urban Teaching tracks, please visit our [website](#). Students are encouraged to apply for admission by March of the sophomore year but no later than April 30th of their sophomore year. Those who plan to study abroad during junior year should apply by the spring of the freshman year, but no later than the first Tuesday in September of the sophomore year. 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.

**The department of Education is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.**

**Professors**

Maria Rivera Maulucci (Program Director/Chair)  
Thea Abu El-Haj

**Assistant Professors**

Nora Gross  
Amelia Herbert (joint appointment with Urban Studies)

**Senior Lecturer and Certification Officer**  
Lisa Edstrom

**Term Assistant Professors**

Drew Chambers  
Fawziah Qadir

**Adjunct Instructors**

Ishrat Ahmed  
Orubba Almansouri  
Althea Hoard  
Ileana Jimenez  
Rachel Throop

**The department of Education is housed at Barnard College, and all information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.**

**Please note that the Educational Studies major is currently being offered to Barnard College students only.**

**REQUIREMENTS FOR THE EDUCATION STUDIES MAJOR**

To complete the Major (BC) in Education Studies, students must complete a minimum of 40 points of course work, listed below.

*Please note that the Education Studies major is currently being offered to Barnard College students only.*

The Education Studies track requires a minimum of eleven courses:

<b>Requirement A - Foundational Coursework</b>	
EDUC BC1510	FOUNDATIONS OF EDUCATION
URBS UN3310	RACE. SPACE, URB SCHOOLS

<b>Requirement B - Field Experience</b>	
Select one of the following:	
EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING

<b>Requirement C - Concentration Courses</b>	
Select 6 of the following: At least 2 courses must be EDUC courses. Course selection to be determined with adviser.	

EDUC BC3032	INVESTIGATING THE PURPOSES AND AIMS OF EDUCATION POLICY
EDUC BC3042	GENDER, SEXUALITY, AND SCHOOL
EDUC BC3045	COMPLICATING CLASS: EDUCATION AND THE LIMITS OF EQUITY
EDUC BC3040	MIGRATION, GLOBALIZATION, AND EDUCATION
EDUC BC3250	EDUCATION IN A POLARIZED AND UNEQUAL SOCIETY
EDUC BC3044	EDUCATION AND SOCIAL CHANGE IN COMPARATIVE GLOBAL CONTEXTS
EDUC BC3034	Families, Communities, and Schools
EDUC BC3030	Critical Pedagogies
PHIL UN2100	Philosophy of Education
SOCI UN3225	SOCIOLOGY OF EDUCATION
ECON BC3012	THE ECONOMICS OF EDUCATION
PSYC BC2134	Educational Psychology
CSER UN3928	COLONIZATION/ DECOLONIZATION
HRTS UN3001	INTRODUCTION TO HUMAN RIGHTS

Other Courses You may count other electives not listed here toward the Concentration Courses requirement. These courses must be reviewed with your adviser before enrollment.

<b>Requirement D - Senior Capstone</b>	
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EDUC BC3088	Senior Research Seminar: Methods of Inquiry
EDUC BC3089	Senior Research Seminar: Inquiry

## REQUIREMENTS FOR THE URBAN TEACHING MINORS/SPECIAL CONCENTRATIONS

### Elementary/Childhood Education (To Teach Grades 1-6)

This program leads to New York State Initial Certification in Childhood Education (Grades 1- 6). In addition to the liberal arts major, students must complete a total of 32-34 credits as follows:

**Requirement A - Educational Foundations** For students who have already taken EDUC BC3032, PHIL UN2100, SOCI UN3225, or ECON BC3012 to fulfill Requirement A prior to Fall 2018 do not need to enroll in EDUC BC1510 to fulfill the requirement.

EDUC BC1510	FOUNDATIONS OF EDUCATION	4
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#### Requirement B - Psychology

Select one of the following: 3-4.5

PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *

#### Requirement C - Pedagogical Elective

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II

#### Requirement D - Pedagogical Core

EDUC BC3025	INCLUSIVE APPROACHES TO TEACHING LITERACY: THEORY AND PRACTICE	4
EDUC BC3053	MULTICULTURAL ELEMENTARY PEDA	4
EDUC BC3063	STUDENT TEACHING/URBAN SCHOOLS	6
EDUC BC3064	SEM: ISSUES URBAN TEACHING	4

#### Requirement E - Liberal Arts and Sciences

Visit <https://education.barnard.edu/UrbanTeaching/LiberalArtsandSciencesRequirements> for more information.

#### Requirement F - Clinical Experiences

Visit <https://education.barnard.edu/UrbanTeaching/ClinicalExperiences> for more information.

\* Courses offered at Columbia

Note: Senior year student teaching may conflict with other opportunities at Barnard (e.g., PSYC BC3465 Field Work # Research Seminar: Toddler Center, PSYC BC3466 FIELD WORK # RESEARCH SEMINAR: TODDLER CENTER). Students with these interests should arrange their schedules accordingly.

### Secondary/Adolescent Education (To Teach Grades 7-12)

This program leads to the New York State Initial Certification in Adolescent Education (Grades 7-12) in the fields of English, Foreign and Ancient Languages, Mathematics, the Sciences, and Social Studies. Students must complete a total of 32-34 credits from the following course of study:

**Requirement A - Educational Foundations** For students who have already taken EDUC BC3032, PHIL UN2100, SOCI UN3225, or ECON BC3012 to fulfill Requirement A prior to Fall 2018 do not need to enroll in EDUC BC1510 to fulfill the requirement.

EDUC BC1510	FOUNDATIONS OF EDUCATION	4
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#### Requirement B - Psychology

Select one of the following: 3-4.5

PSYC BC1107	Psychology of Learning
PSYC BC1115	Cognitive Psychology
PSYC BC1129	Developmental Psychology
PSYC BC2134	Educational Psychology
PSYC BC3382	ADOLESCENT PSYCHOLOGY
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *

#### Requirement C - Pedagogical Elective

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
EDUC BC3052	MATH # THE CITY
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL
EDUC BC3058	SCIENCE IN THE CITY II

#### Requirement D - Pedagogical Core

EDUC BC3025	INCLUSIVE APPROACHES TO TEACHING LITERACY: THEORY AND PRACTICE	4
EDUC BC3054	MULTICULTURAL SECONDARY PEDAG	4.00
EDUC BC3065	SECONDARY STU TCHNG URB SCHLS	6.00
EDUC BC3064	SEM: ISSUES URBAN TEACHING	4
EDUC BC3061	ASSESSMENT OF TEACHING	3.00

#### Requirement E - Liberal Arts and Sciences

Visit <https://education.barnard.edu/UrbanTeaching/LiberalArtsandSciencesRequirements> for more information.

#### Requirement F - Clinical Experiences

Visit <https://education.barnard.edu/UrbanTeaching/ClinicalExperiences> for more information.

**Additional Urban Teaching Certification Requirements:  
Adolescent/Secondary**

Students seeking certification in Adolescent Education must also complete 36 credits in the content area for which they seek certification. Typically, students major in the subject area for which they are seeking certification. Students must earn a grade of C or better for each course taken in the content core.

**English:**

A total of 36 credits of English.

**Foreign Languages:**

A total of 36 credits in French, German, Greek, Italian, Latin, or Spanish.

**Mathematics:**

A total of 36 credits of Mathematics.

**Science:**

A total of 36 credits in sciences including a minimum of 18 credits of collegiate-level study in the science or each of the sciences for which certification is sought: Biology, Chemistry, Physics, or Earth Science. Please note that psychology does not count as a science for NYS Teacher Certification. \*\*

**Social Studies:**

A total of 36 credits, including 6 credits of American History; 6 credits of European or World History; 3 credits of non-Western study; and any other distribution to make 36 credits, chosen from credits in History, Political Science, Anthropology, Sociology, and Economics.

\* Courses offered at Columbia

\*\*Please note that some applied science courses will not be accepted.

**Certification Requirements**

The Urban Teaching program is accredited by AAQEP and approved by the New York State Education Department to recommend students who complete the program for Initial Certification in either Childhood Education (grades 1-6) or Adolescent Education (grades 7-12). New York State has reciprocity with most other states, allowing graduates of the program the ability to apply for certification in another state through our membership in the Interstate Certification Agreement.

Certification is based on demonstrated competency in both academic and field settings. Students are required to complete a minimum of 360 hours of educational based clinical experiences. 260+ hours must be supervised field based experiences. Students must pass the New York State Teacher Certification Examinations and the edTPA performance assessment. Also required are workshops in Child Abuse Identification; School Violence Intervention and Prevention; and the Dignity for All Students Act (DASA), offered at Teachers College.

**REQUIREMENTS FOR THE  
EDUCATION STUDIES MINOR/  
SPECIAL CONCENTRATION**

To complete the Minor (BC) or Special Concentration (CC/GS) in Education Studies, students must complete 21-24 points of course work, listed below.

The Education Studies track requires a minimum of six courses:

**Requirement A - Educational Foundations**

EDUC BC1510	FOUNDATIONS OF EDUCATION	4
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**Requirement B - Educational Electives**

Select three of the following: One Educational Elective course must be an EDUC course.

EDUC BC3030	Critical Pedagogies
EDUC BC3032	INVESTIGATING THE PURPOSES AND AIMS OF EDUCATION POLICY
EDUC BC3034	Families, Communities, and Schools
EDUC BC3040	MIGRATION, GLOBALIZATION, AND EDUCATION
EDUC BC3042	GENDER, SEXUALITY, AND SCHOOL
EDUC BC3044	EDUCATION AND SOCIAL CHANGE IN COMPARATIVE GLOBAL CONTEXTS
EDUC BC3045	COMPLICATING CLASS: EDUCATION AND THE LIMITS OF EQUITY
EDUC BC3250	EDUCATION IN A POLARIZED AND UNEQUAL SOCIETY
URBS UN3310	RACE. SPACE, URB SCHOOLS
AMST UN3931	Topics in American Studies (Sec. 002: Race, Poverty, and American Criminal Justice or Sec. 003: Equity in Higher Education)
CSER UN3928	COLONIZATION/ DECOLONIZATION
ECON BC3012	THE ECONOMICS OF EDUCATION
PHIL UN2100	Philosophy of Education
PSYC BC2134	Educational Psychology
PSYC BC3363	PEDAGOGY HIGHER EDUC:PSYCH
PSYC BC3382	ADOLESCENT PSYCHOLOGY
SOCI UN3225	SOCIOLOGY OF EDUCATION
SOCI W3923	Adolescent Society
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING *

**Requirement C - Pedagogical Elective**

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY
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EDUC BC3052	MATH # THE CITY	
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL	
EDUC BC3058	SCIENCE IN THE CITY II	
<b>Requirement D - Pedagogical Core</b>		
EDUC BC3051	SEMINAR URBAN EDUCATION	4

\* Courses offered at Columbia

## REQUIREMENTS FOR THE URBAN TEACHING SPECIALIZATION

Urban Studies majors who wish to pursue certification should apply to the Education Program by the spring of their freshman year. We encourage students to plan carefully if they wish to pursue this option.

Urban Studies majors who have selected Urban Teaching as their area of specialization within the major should complete the following:

### Requirement A - Educational Foundations

EDUC BC1510	FOUNDATIONS OF EDUCATION	4
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### Requirement B - Psychology

Select one of the following:

PSYC BC1107	Psychology of Learning	
PSYC BC1115	Cognitive Psychology	
PSYC BC1129	Developmental Psychology	
PSYC BC2134	Educational Psychology	
PSYC BC3382	ADOLESCENT PSYCHOLOGY	
PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR *	

### Requirement C - Field Studies

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY	
EDUC BC3052	MATH # THE CITY	
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL	
EDUC BC3058	SCIENCE IN THE CITY II	
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING *	

### Requirement D - Pedagogical Core

EDUC BC3025	INCLUSIVE APPROACHES TO TEACHING LITERACY: THEORY AND PRACTICE	4
EDUC BC3053	MULTICULTURAL ELEMENTARY PEDA	4
or EDUC BC3054	MULTICULTURAL SECONDARY PEDAG	

\* Courses offered at Columbia

## REQUIREMENTS FOR THE URBAN EDUCATION SPECIALIZATION

Urban Studies majors who have selected Urban Education as their area of specialization within the major should complete the following:

### Requirement A - Educational Foundations

EDUC BC1510	FOUNDATIONS OF EDUCATION	4
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### Requirement B - Educational Electives

Select two of the following:

EDUC BC3030	Critical Pedagogies	
EDUC BC3032	INVESTIGATING THE PURPOSES AND AIMS OF EDUCATION POLICY	
EDUC BC3034	Families, Communities, and Schools	
EDUC BC3040	MIGRATION, GLOBALIZATION, AND EDUCATION	
EDUC BC3042	GENDER, SEXUALITY, AND SCHOOL	
EDUC BC3044	EDUCATION AND SOCIAL CHANGE IN COMPARATIVE GLOBAL CONTEXTS	
EDUC BC3045	COMPLICATING CLASS: EDUCATION AND THE LIMITS OF EQUITY	
EDUC BC3250	EDUCATION IN A POLARIZED AND UNEQUAL SOCIETY	
URBS UN3310	RACE. SPACE, URB SCHOOLS	
PHIL UN2100	Philosophy of Education	
SOCI UN3225	SOCIOLOGY OF EDUCATION	
ECON BC3012	THE ECONOMICS OF EDUCATION	

### Requirement C - Field Studies

Select one of the following:

EDUC BC3050	SCIENCE IN THE CITY	
EDUC BC3052	MATH # THE CITY	
EDUC BC3055	ARTS AND HUMANITIES IN THE CITY:CRITICAL	
EDUC BC3058	SCIENCE IN THE CITY II	
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING *	

### Requirement D - Capstone

EDUC BC3051	SEMINAR URBAN EDUCATION	4
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\* Courses offered at Columbia

\*EDUC BC3030 *Critical Pedagogies* can count towards the Education Electives **or** the Pedagogical Elective requirement in Spring 2021 only.



# ENGLISH AND COMPARATIVE LITERATURE

## THE ENGLISH AND COMPARATIVE LITERATURE DEPARTMENT:

**Departmental Office:** 602 Philosophy Hall; 212-854-3215  
<http://www.english.columbia.edu>

**Director of Undergraduate Studies:** Prof. Nicholas Dames,  
603 Philosophy; 212-854-4016; [nicholas.dames@columbia.edu](mailto:nicholas.dames@columbia.edu)

**Undergraduate Coordinator:** Alexa Adams, 602 Philosophy;  
212-854-6295; [enclundergraduatecoordinator@columbia.edu](mailto:enclundergraduatecoordinator@columbia.edu)

## THE STUDY OF ENGLISH AND COMPARATIVE LITERATURE

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, and canonical British literature alongside postcolonial, global, and trans-Atlantic literatures.

At once recognizing traditional values in the discipline and reflecting its changing shape, the major points to three organizing principles for the study of literature—history, genre, and geography. Requiring students not only to take a wide variety of courses but also to arrange their thinking about literature on these very different grids, the major gives them broad exposure to the study of the past, an understanding of the range of forms that can shape literary meaning, and an encounter with the various geographical landscapes against which literature in English has been produced.

## STUDENT ADVISING

### Consulting Advisers

Questions about coursework or program requirements can be addressed to the department's **Undergraduate Coordinator**, to the **Director of Undergraduate Studies** (DUS), or to any

member of the department's **Committee on Undergraduate Education** (CUE). The DUS and CUE are the department's de facto academic advisors, and hold open office hours each week to offer guidance to majors, minors, and concentrators, as well as those interested in declaring in future.

Newly-declared majors or minors should make an **appointment with the DUS or a CUE member** to discuss their academic plans as soon as possible after declaration. They should also contact the Undergraduate Coordinator and request that their names be added to the department's **listserv**, which disseminates information and updates about courses, events, deadlines, and other matters.

Throughout the year, the CUE will also organize dedicated **information sessions** about graduate study, professional development, fellowship and prize applications, and more.

## 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 <https://english.columbia.edu/content/course-listings>.

### 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 UN2000 Approaches to Literary Study. During the three weeks preceding the registration period, students should check <https://english.columbia.edu/content/course-listings> 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.

## UNDERGRADUATE RESEARCH OPPORTUNITIES

### Independent Study Projects

During the regular academic semester, students may design and undertake an individualized Independent Study with the sponsorship of a faculty member, in order to pursue a particular interest that is not represented in a given semester's course offerings.

Most Independent Study projects are awarded 3 points of academic credit, but proposals can stipulate anywhere from 1-4 points, depending on workload. For guidance on course points, see [here](#).

To propose an Independent Study, please complete [this form](#) and submit it to the Undergraduate Coordinator no later than two weeks prior to the start of classes, for review by the DUS and CUE.

Note that you **cannot register** for an independent study without official departmental approval.

### **The Richmond Williams Travelling Fellowship**

The Williams Fellowship supports summer research projects requiring foreign travel, with grants of up to \$6000.00. The competition is open to any Columbia College junior majoring in English and Comparative Literature. Recipients of the award must undertake a significant piece of independent scholarship based on their research in the senior year – either as an independent study, or as part of the Senior Essay program. The application can be found on the department website [here](#). Note: it is highly recommended that applicants review Columbia's [Undergraduate International Travel Policy](#) before and during the application process.

### **The Humanities Research Scholars Program**

The Humanities Research Scholars Program (HRSP) offers a select group of rising juniors at Columbia College the opportunity to pursue independent research projects and to develop analytical and investigative skills that will serve them well in any future endeavor. This program is designed to help students learn from one another as well as from leaders in the academic and professional world, and to support students in their intellectual pursuits and their future growth. It focuses on students interested in research in the humanities or humanistic social sciences.

Humanities Research Scholars will engage in two main pursuits over the course of one summer session of research: (1) the development of knowledge, skills, and approaches to the study of the humanities that will be transferable to any professional field; and (2) the development of an independent research project over six weeks of the summer that allows the exploration of a specific topic with guidance from a faculty member.

Learn more about the HRSP [here](#).

### **Other opportunities**

The Undergraduate Research and Fellowships office frequently posts opportunities for research across fields, [here](#). Within English, faculty occasionally seek research assistants for help on specific projects; such calls for research assistants are usually made through the departmental listserv.

## **THE SENIOR ESSAY PROGRAM**

The Senior Essay program is an opportunity for majors in English and Comparative Literature to explore some literary topic of special interest to them in depth. Essay projects typically involve extensive critical reading and/or original research, and result in a piece of written work (approximately 10,000 words) that constitutes a substantial critical or scholarly argument.

To undertake a Senior Essay, students must first register for the fall research methods seminar, ENGL UN3795. In the spring, essayists then continue work on their projects with the guidance of a dedicated faculty advisor, and submit their final drafts in April. Examples of past Senior Essays in English can be found [here](#).

Note that English majors are **not required** to write a Senior Essay (although it is a requirement for eligibility for Departmental Honors).

## **DEPARTMENTAL HONORS AND ACADEMIC PRIZES**

### **Departmental Honors:**

Each year, in consultation with the faculty, the CUE awards Departmental Honors to no more than 10% of graduating majors. Honors are determined on the basis of the Senior Essay, as well as performance in departmental coursework and participation in departmental culture.

### **Academic Prizes:**

The English department awards numerous prizes for critical and creative writing each year; information about these prizes can be found [here](#).

## **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.

Students should 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 the department website [here](#).

## ONLINE INFORMATION

Other departmental information—faculty office hours, registration instructions, late changes, etc.—is available on the [departmental website](#).

## PROFESSORS

James Eli Adams  
 Rachel Adams  
 Branka Arsić  
 Christopher Baswell (Barnard)  
 Sarah Cole  
 Julie Crawford  
 Denise Cruz  
 Nicholas Dames  
 Jenny Davidson  
 Andrew Delbanco  
 Kathy Eden  
 Brent Edwards  
 Stathis Gourgouris  
 Erik Gray  
 Farah Jasmine Griffin  
 Jack Halberstam  
 Matt Hart  
 Saidiya Hartman (University Professor)  
 Eleanor Johnson  
 Sharon Marcus  
 Edward Mendelson  
 Frances Negrón-Muntaner  
 Robert O'Meally  
 Julie Peters  
 Ross Posnock  
 Austin E. Quigley  
 Bruce Robbins  
 James Shapiro  
 C. Riley Snorton (Visiting Professor)  
 Gayatri Chakravorty Spivak (University Professor)  
 Alan Stewart  
 Colm Tóibín  
 Gauri Viswanathan  
 William Worthen (Barnard)  
 David M. Yerkes

## ASSOCIATE PROFESSORS

Patricia Dailey  
 T. Austin Graham  
 Molly Murray  
 Lauren Robertson  
 Joseph Slaughter  
 Dustin Stewart  
 Dennis Tenen  
 Jennifer Wenzel

## ASSISTANT PROFESSORS

Joseph Albernaz  
 Zoë Lawson Henry

Carlos Alonso Nugent  
 Hannah Weaver

## LECTURERS

Sue Mendelsohn  
 Aaron Ritzenberg  
 Maura Spiegel  
 Nicole B. Wallack

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

There are many paths through a degree in English and Comparative Literature, even within the requirements described below. Students considering a major or minor are encouraged to make an appointment with the DUS to discuss their particular interests and goals. They should also feel free to enroll in one of the department's gateway lectures (1000-level), which have no prerequisites. Students who are already embarked on a degree in English should also be sure to check in with the DUS or a member of CUE regularly to ensure that they complete their requirements in the most rewarding way possible.

### Enrolling in Courses

In the weeks before registration, the [departmental website](#) will continually update course information, including prerequisites and course caps. Please be sure to check each course's particular registration guidelines, as these can vary dramatically; for seminars, in particular, instructor permission is required for enrollment, and instructors will often require a specific application in order to consider any student for admission.

### Approaches to Literary Study

The introductory course ENGL UN2000 Approaches to Literary Study, together with its companion seminar, ENGL UN2001 Approaches to Literary Study Seminar, is required for the English major, minor, or 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.

### Course Numbering Structure

**1000-level:** Courses in this tier are broad gateway lectures, and do not require prior knowledge of or coursework in English.

**2000-level:** Courses in this tier are lectures focused on more specialized topics. These courses may have prerequisites at the

instructors' discretion, and may also offer weekly discussion sections to complement lectures.

**3000-level:** Courses in this tier are seminars intended for English majors and minors (though others are welcome to apply), and are capped at 18 students. While particular seminars may have particular requirements for admission, seminar applicants are generally expected to have taken ENGL 2000: Approaches to Literary Study.

**4000-level:** Courses in this tier are advanced seminars, which require significantly more reading and writing than other courses offered by the department. Priority for enrollment will be given to senior English majors, although faculty may admit others (including graduate students) if space permits.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in English (for students who matriculated in 2023-4 and prior)

Please read *Guidelines for all English and Comparative Literature Majors and Concentrators* above.

**At least 10 courses in English, including:**

#### The Introductory Course

- **either** ENGL 3001: *Literary Texts and Critical Methods*, or ENGL 2000: *Approaches to Literary Study*

#### Distribution Requirements

- **one** course focused on **each** of the following **genres** (3 courses total): poetry, prose, drama/film/media
- **one** course focused on **each** of the following **geographical** areas (3 courses total): British, American, Global/Comparative
- **three** courses focused on literature **pre-1800** (only one of which can be a Shakespeare course)

(Designations of distribution requirements can be found on the department's course listings site; note that a single course can fulfill more than one distribution requirement; Shakespeare 1, for example, would cover British, drama, and one pre-1800).

### Major in English (for students who matriculated in 2024-5 and after)

**At least 10 courses in English, including:**

#### The Introductory Course

- ENGL 2000: *Approaches to Literary Study*

#### Distribution Requirements

- **one** course focused on **each** of the following **genres** (3 courses total): poetry, prose, drama/film/media
- **one** course focused on **each** of the following **geographical** areas (3 courses total): British, American, Global/Comparative
- **one** course focused on the study of **ethnicity and race**
- **two** courses focused on literature **pre-1700** (only one of which can be a Shakespeare course)
- **one** course focused on literature **1700-1900**
- **one** course focused on literature **1900-present**

(Designations of distribution requirements can be found on the department's course listings site; note that a single course can fulfill more than one distribution requirement; Shakespeare 1, for example, would cover British, drama, and one pre-1700).

#### Capstone

**either** a Senior Essay **or** an advanced (4000-level) seminar

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## Minor in English

**Any 5 courses in English, including** ENGL 2000: Approaches to Literary Study. Students who wish to minor in English should meet with the DUS or CUE to plan out their particular course of study.

#### Coursework Options and Restrictions

- **AP credits.** These cannot be counted toward the major/minor/concentration.
- **Barnard English Courses.** These can be applied to the major/minor/concentration without special approval for the first two courses, and with DUS approval for any additional courses. The DUS can also advise as to which distribution requirements are fulfilled by Barnard English courses.
- **Columbia Non-English courses.** Up to **two** related courses (of at least 3 credits each) can be counted toward the major or concentration, but **not** toward the minor. Such courses are typically offered by foreign-language departments, film, or creative writing – but other related courses can be accepted pending DUS approval. Note that **only** courses with designation ENGL or CLEN can be used to fulfill distribution requirements.
- **Core Courses.** Lit Hum, CC, UW, Art Hum, and Music Hum cannot be counted toward the major/minor/concentration. Global Core courses with a ENGL or CLEN designation can be counted toward the major/minor/concentration as well as toward College requirements.



- **Courses Taken Outside Columbia.** These can be counted toward the major or concentration, if they have been accepted by Columbia for transfer credit. Typically **no more than three** such courses can count toward the major or concentration, and **only one** can be applied to the minor. Transferred courses must be approved by the DUS, who can also help determine which distribution requirements they fulfill.
- **Independent Study and Senior Essay.** Only **one** independent study course (of at least 3 credits) can be counted toward the major/minor/concentration. The Senior Essay program (fall and spring) counts as **one** of the 10 courses required for the major.
- **P/D/F.** Only **one** course taken for a P/D/F grade can be counted toward the major/minor/concentration. Note that any course in which a student receives a grade of D or F cannot count toward the major/minor/concentration.
- **Summer Session.** Only **two** summer courses can be counted toward the major/minor/concentration.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in English

8 courses in English, including:

#### The Introductory Course

- **either** ENGL 3001: *Literary Texts and Critical Methods*, **or** ENGL 2000: *Approaches to Literary Study*

#### Distribution Requirements

- **one** course focused on any **two** of the following **genres** (2 courses total): poetry, prose, drama/film/media
- **one** course focused on any **two** of the following **geographical** areas (2 courses total): British, American, Global/Comparative
- **two** courses focused on literature **pre-1800** (only one of which can be a Shakespeare course)

(Designations of distribution requirements can be found on the department's course listings site; note that a single course can fulfill more than one distribution requirement; Shakespeare 1, for example, would cover British, drama, and one pre-1800.)

## COMPARATIVE LITERATURE PROGRAM

Students who wish to major in comparative literature should consult the *Comparative Literature and Society* section of this Bulletin.



# ETHNICITY AND RACE STUDIES

## THE CENTER FOR THE STUDY OF ETHNICITY AND RACE

Department Website: [Center for the Study of Ethnicity and Race](#)

Office location: 420 Hamilton Hall

Office contact: 212-854-0510, 212-854-0507

**Director of Undergraduate Studies:** Dr. Bahia Munem;  
bmm2194@columbia.edu; 212-854-2058

**Assistant Director:** May Niiya; mkn2129@columbia.edu;  
212-854-0510

**Program Coordinator:**

## ETHNICITY AND RACE STUDIES

Founded in 1999, the Center for the Study of Ethnicity and Race (CSER) is an interdisciplinary intellectual space whose mission is to advance the most innovative teaching, research, and public discussion about race and ethnicity. To promote its mission, the Center organizes conferences, seminars, exhibits, film screenings, and lectures that bring together faculty, undergraduates, and graduate students with diverse interests and backgrounds. Moreover, CSER partners with departments, centers, and institutes at Columbia, as well as with colleagues and organizations on and off campus, in order to reach new audiences and facilitate an exchange of knowledge.

## STUDENT ADVISING

### Consulting Advisers

Information to be added

### Enrolling in Classes

Information to be added

### Preparing for Graduate Study

Information to be added

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Barnard College Courses

To ensure that Barnard College courses complement the major and integrate effectively with the major's requirements, 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 relevant programs for their areas.

## Transfer Courses

To ensure that transfer courses complement the major and integrate effectively with the major's requirements, 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 relevant programs for their areas.

## Study Abroad Courses

Students are highly encouraged to participate in study-abroad programs through the [Center for Undergraduate Global Engagement](#), 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 many parts of the world, including Australia, the Dominican Republic, Mexico, and South Africa. To ensure that study abroad complements the major and integrates effectively with the major's requirements, 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 relevant programs for their areas.

## Summer Courses

To ensure that summer courses complement the major and integrate effectively with the major's requirements, 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 relevant programs for their areas.

## CORE CURRICULUM CONNECTIONS

Information to be added

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Senior Thesis Coursework and Requirements

Majors who elect to follow the Honors track must complete at least four CSER elective courses within their area of specialization, and maintain a 3.6 GPA in the major. In lieu of a fifth elective, Honors majors are required to enroll in the following course in the spring semester of their senior year, during which they are required to write a thesis:

CSER UN3990 Senior Project Seminar (4 points)

Honors majors are required to present their senior essays at the annual undergraduate symposium in April. Students may fulfill this option in one of the following two ways:

1. By matriculating in the Senior Thesis course and writing the thesis under the supervision of the course faculty.

2. By taking an additional 4-point seminar where a major paper is required and further developing the paper into a thesis length work (minimum of 30 pages) under the supervision of a CSER faculty member.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

CSER majors may choose to write and/or produce an honors project. The senior thesis gives undergraduate majors the opportunity to engage in rigorous, independent, and original research on a specific topic of their choosing. If a monograph, the honors thesis is expected to be 35-50 pages in length. Honors projects can also take other forms, such as video or websites. These projects also require a written component, but of a shorter length than the traditional thesis. During their senior year, honors students perform research as part of CSER UN3990 Senior Project Seminar. Senior projects are due in early April. The Honors Thesis is an excellent option for any student interested in pursuing a Master's degree or Ph.D. Students should consult with their director of undergraduate studies no later than the beginning of the first term of their senior year if they wish to be considered for departmental honors. Students who are awarded departmental honors are notified by their department in mid-May.

In order to qualify for departmental honors, students must satisfy all the requirements for the major, maintain a GPA of at least 3.6 in the major, and complete a high quality honors project. In addition, each student is expected to meet periodically with his or her supervising project adviser and preceptor. Although the senior thesis is a prerequisite for consideration for departmental honors, all Ethnicity and Race studies majors are strongly encouraged to consider undertaking thesis work even if they do not wish to be considered for departmental honors.

### Academic Prizes

In addition to departmental honors, CSER also confers the following awards to two graduating seniors:

#### CSER Award for Outstanding Thesis

- A CSER faculty committee will review all senior projects and will select one for the Outstanding Thesis award.
- As part of its deliberation process, the committee reviews recommendations made by CSER faculty, the Modes of Inquiry# course instructor and the CSER preceptor. In order to receive this award, the student must keep a GPA of 3.6 or above in the major courses.

#### CSER Award for Academic Excellence

- CSER confers this award to a student who has consistently demonstrated her/his intellectual capacity in and outside the

classroom. In order to receive this award, the student must keep a GPA of 3.6 or above in the major courses.

## CORE FACULTY AND EXECUTIVE COMMITTEE

- Catherine Fennell ([ckf2106@columbia.edu](mailto:ckf2106@columbia.edu))
- Audra Simpson ([as3575@columbia.edu](mailto:as3575@columbia.edu))
- Bahia Munem ([bmm2194@columbia.edu](mailto:bmm2194@columbia.edu))
- Carlos Alonso Nugent ([can2162@columbia.edu](mailto:can2162@columbia.edu))
- Claudio Lomnitz ([cl2510@columbia.edu](mailto:cl2510@columbia.edu))
- Darius V. Echeverria ([dve2101@columbia.edu](mailto:dve2101@columbia.edu))
- Deborah Paredez ([d.paredez@columbia.edu](mailto:d.paredez@columbia.edu))
- Frances Negron-Muntaner ([fn2103@columbia.edu](mailto:fn2103@columbia.edu))
- Jennifer Lee ([lee.jennifer@columbia.edu](mailto:lee.jennifer@columbia.edu))
- Karl Jacoby ([kj2305@columbia.edu](mailto:kj2305@columbia.edu))
- Mae Ngai ([mn53@columbia.edu](mailto:mn53@columbia.edu))
- Manan Ahmed ([ma3179@columbia.edu](mailto:ma3179@columbia.edu))
- Marie Myung-Ok Lee ([mml2189@columbia.edu](mailto:mml2189@columbia.edu))
- Matt Sandler ([mfs2001@columbia.edu](mailto:mfs2001@columbia.edu))
- Michael J. Witgen ([mw3528@columbia.edu](mailto:mw3528@columbia.edu))
- Sayantani Dasgupta ([sd2030@columbia.edu](mailto:sd2030@columbia.edu))
- Shana L. Redmond ([slr2215@columbia.edu](mailto:slr2215@columbia.edu))

## ADJUNCTS

- Eric Gamalinda ([meg2109@columbia.edu](mailto:meg2109@columbia.edu))
- Ed Morales ([em2711@columbia.edu](mailto:em2711@columbia.edu))
- Elizabeth Ouyang ([eo2001@columbia.edu](mailto:eo2001@columbia.edu))
- Jessica Lee ([jhl2152@columbia.edu](mailto:jhl2152@columbia.edu))
- Brian Luna Lucero ([bal35@columbia.edu](mailto:bal35@columbia.edu))

## UNDERGRADUATE PROGRAMS OF STUDY

The Ethnicity and Race Studies major and concentration encompass a variety of fields and interdisciplinary approaches to the critical study of ethnicity and race.

Faculty and students find this field exciting 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 offer valuable knowledge on the subject, 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, the major introduces students to the study of ethnicity and race and the deep implications of the subject matter for thinking about human bodies, power, 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, including Asian Americans, Latinos, and Native Americans, and/or concentrate on the comparative study of how race and ethnic categories are formed and how they transform. Students also have the option of designing an individualized course of study. Individualized courses of study 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 graduate programs in history, anthropology, and ethnic studies, among other areas. A second group of students pursues a variety of professions, most notably related to law, medicine, media, social work, government, and human rights.

## MAJOR IN ETHNICITY AND RACE STUDIES

*The requirements for this program were modified on March 2022. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.*

The major in ethnicity and race studies consists of a minimum of 27 points. All majors are required to take three core courses as listed below:

	Points
<b>Core Courses</b>	
1.	
CSER UN1010	INTRO TO COMP ETHNIC STUDIES (or) 4.00
2.	
CSER UN3928	COLONIZATION/ DECOLONIZATION 4.00
OR	
CSER UN3942	RACE AND RACISMS 4.00
3.	
CSER UN3919	MODES OF INQUIRY 4.00

### Specialization

All majors will select one of the areas of specialization listed below from which to complete their remaining coursework:

Asian American studies

Comparative ethnic studies

Latino/a studies

Native American/Indigenous studies

Individualized courses of study

Majors who elect NOT to follow the Honors track must complete at least five CSER elective courses, in consultation with their major adviser, within their area of specialization. At least one of these electives must be a writing-intensive seminar (3000 or above level courses must be chosen within the department). Majors who elect to follow the Honors track must complete at least four CSER elective courses, in consultation with their major adviser, within their area of specialization.

### Honors

In lieu of a fifth elective, Honors majors are required to enroll in the following course in the spring semester of their senior year, during which they are required to write a thesis:

CSER UN3990	SENIOR PROJECT SEMINAR	4
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Honors majors are required to present their senior essays at the annual undergraduate symposium in April. Students may fulfill this option in one of the following two ways:

1. By matriculating in the Senior Thesis course and writing the thesis under the supervision of the course faculty.
2. By taking an additional 4-point seminar where a major paper is required and further developing the paper into a thesis length work (minimum of 30 pages) under the supervision of a CSER faculty member.

### Language Courses

- One of the following is highly recommended, although not required for the major:

- One course beyond the intermediate-level in language pertinent to the student's focus
- An introductory course in a language other than that used to fulfill the degree requirements, but that is pertinent to the student's focus
- A linguistics or other course that critically engages language
- An outside language and study abroad programs that include an emphasis on language acquisition

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Ethnicity and Race Studies

*The requirements for this program were modified on March 2022. Students who declared this program before this date should contact the director of undergraduate studies for the department in order to confirm their correct course of study.*

The concentration in ethnicity and race studies requires a minimum of 19 points. Students take two core courses (may choose between CSER UN1010 and CSER UN1040) and four elective courses, one of which must be a seminar:

### Core Courses

Points

The concentration in ethnicity and race studies requires a minimum of 19 points. All students who choose a concentration are required to take two core course as listed below:

1.		
CSER UN1010	INTRO TO COMP ETHNIC STUDIES (or)	4
2.		
CSER UN3928	COLONIZATION/ DECOLONIZATION	4
OR		
CSER UN3942	RACE AND RACISMS	4

**Specialization**

Students must complete at least four courses, in consultation with their major adviser, in one of the following areas of specialization. At least one of the elective courses must be a seminar.

- Asian American studies
- Comparative ethnic studies
- Latino/a studies
- Native American/Indigenous studies
- Individualized courses of study

# FILM AND MEDIA STUDIES

## THE FILM AND MEDIA STUDIES DEPARTMENT:

Department website: <https://arts.columbia.edu/film/undergraduate>

Office location: 513 Dodge Hall

Office contact: 212-854-2815/ [Film@columbia.edu](mailto:Film@columbia.edu)

Director of Undergraduate Studies: Prof. Robert King, [rk2704@columbia.edu](mailto:rk2704@columbia.edu) (Spring 2025), Prof. Annette Insdorf, [ai3@columbia.edu](mailto:ai3@columbia.edu) (Fall 2024)

Departmental Administrators:

Hanna Seifu, Director of Academic Administration, [hes2130@columbia.edu](mailto:hes2130@columbia.edu) Sarah Adriance, Assistant Director of Academic Administration, [sja2175@columbia.edu](mailto:sja2175@columbia.edu)

## THE STUDY OF FILM

The major in film studies is scholarly, international in scope, and writing-intensive. Students choose to major in film if they want to learn more about the art form, from technology to cultural significance; want to work in the film industry; or are interested in a major that combines arts and humanities.

Students usually declare the major toward the end of the second year by meeting with the departmental adviser; together, they create a program of twelve required courses within the major, often supplemented by courses outside the department. In the lecture classes and seminars, there tends to be a mixed population of undergraduate majors and graduate film students.

Students have the opportunity to gain additional experience by taking advantage of internship opportunities with film companies, working on graduate student films, and participating in the Columbia Undergraduate Film Productions (CUFP), an active, student-run organization that provides film-making experience to Columbia undergraduate producers and directors. In addition to careers in screenwriting, directing, and producing, alumni have gone on to work in film distribution, publicity, archives, and festivals, and to attend graduate school to become teachers and scholars.

The trajectory of the major is from introductory-level courses (three are required), to intermediate and advanced-level courses (two are required, plus seven electives). While film studies majors take workshops in screenwriting and film-making, the course of study is rooted in film history, theory, and culture.

The prerequisite for all classes is INTRO TO FILM # MEDIA STUDIES (FILM UN1000) offered each term at Columbia as well as at Barnard, and open to first-year students. Subsequently,

majors take a combination of history survey courses; workshops ("Labs"); and advanced classes in theory, genre study, national cinemas, auteur study, and screenwriting.

The educational goal is to provide film majors with a solid grounding in the history and theory of film; its relation to other forms of art; and its synthesis of visual storytelling, technology, economics, and sociopolitical context, as well as the means to begin writing a script and making a short film.

Students who wish to graduate with honors must take the SENIOR SEMINAR IN FILM STUDIES (FILM UN3900), writing a thesis that reflects mastery of cinematic criticism. The essay is submitted after the winter break. Students decide upon the topic with the professor and develop the essay during the fall semester.

Since film courses tend to be popular, it is imperative that students attend the first class. Registration priority is usually given to film majors and seniors.

## STUDENT ADVISING

Contact the Director of Undergraduate Studies

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Barnard College Courses

Contact the Director of Undergraduate Studies

### Transfer Courses

Contact the Director of Undergraduate Studies

### Summer Courses

Contact the Director of Undergraduate Studies

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

## DEPARTMENT HONORS AND PRIZES

### Department Honors

In order to qualify for departmental honors, students must have a GPA of 3.75 in the major and distinction in their overall achievements in film study. Students who take FILM UN3900 Senior Seminar in Film Studies automatically enter consideration for honors; however, the class is not a requirement for honors.

### Academic Prizes

The Pat Anderson Prize in Film Reviewing is named for the film critic who died in 2011. For many decades, she was part of New York's movie community – writing about motion pictures for "Films in Review" – and a vital member of the National Board of Review from the 1970s until 2009.



The Guy Gallo Memorial Award in Screenwriting is in memory of adjunct professor Guy Gallo, who taught screenwriting at Columbia and Barnard for over twenty-five years. He is best known for writing the screenplay of Under the Volcano, which John Huston directed in the early 1980s.

The Andrew Sarris Memorial Award for Film Criticism is an annual award in honor of the celebrated Columbia film professor who died in 2012. The influential critic behind the “auteur theory,” Sarris was the author of some of the most celebrated essays and books on American film, including his landmark study, The American Cinema: Directors and Directions, 1929-1968.

FACULTY

Nico Baumbach  
Loren-Paul Caplin  
Jane Gaines  
Behrang Garakani  
Racquel Gates  
Ronald Gregg  
Annette Insdorf  
Caryn James  
Robert King  
Anastasia Kostina  
Jason LaRiviere  
Dennis Lim  
Richard Peña  
James Schamus  
Elizabeth Ramirez Soto

GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

Program Planning for all Students

Course Numbering Structure

Guidance for First-Year Students

Guidance for Transfer Students

Contact the Director of Undergraduate Studies

UNDERGRADUATE PROGRAMS OF STUDY

Major in Film & Media Studies

The major in film studies requires a minimum of 36 points distributed as follows:

Introductory Courses

FILM UN1000	INTRO TO FILM # MEDIA STUDIES (The summer class Introduction to the Study and Theory of Film also satisfies this requirement.)
FILM GU4000	FILM AND MEDIA THEORY (This is an advanced class that students are recommended to take in their junior year. It is only offered in the Fall.)

Cinema History Courses

Select two of the following courses, one of which must either be FILM UN2010 or FILM UN2020:

FILM UN2010	CINEMA HIST I: BEGIN-1930
FILM UN2020	CINEMA HIST II: 1930-1960
FILM UN2030	CINEMA HIST III:1960-1990
FILM UN2040	CINEMA HISTORY IV: AFTER 1990

Laboratories

Select one of the following courses:

FILM UN2410	LAB IN WRITING FILM CRITICISM
FILM UN2510	LAB IN FICTION FILMMAKING
FILM UN2420	LABORATORY IN SCREENWRITING
FILM UN2520	LAB IN NONFICTION FILMMAKING

Electives

Students take seven elective classes of their choosing. Electives commonly offered at Columbia include, but are not limited to, the following:

FILM UN2130	American Film: Comedy
FILM UN2132	American Film: Cult # Exploitation
FILM UN2134	American Film: The Western
FILM UN2136	American Film: Film Noir
FILM UN2290	Topics in World Cinema: Arab and Africa
FILM UN2292	Topics in World Cinema: China
FILM UN2294	WORLD CINEMA: LATIN AMERICA
FILM UN2310	THE DOCUMENTARY TRADITION
FILM UN3010	AUTEUR STUDY
FILM UN3013	Auteur Studies: Chantal Akerman’s Cinema, Writing and Moving Images
FILM UN3900	SENIOR SEMINAR IN FILM STUDIES
FILM UN3910	Senior Seminar in Filmmaking
FILM UN3920	SENIOR SEM IN SCREENWRITING
FILM UN3925	NARRATIVE STRAT-SCREENWRITING

FILM UN3950	SEMINAR IN MEDIA: SERIALITY
FILM GU4020	Brazilian Cinema: Cinema Novo and Beyond
FILM GU4294	World Cinema: Latin America
FILM GU4320	New Directions in Film and Philosophy
FILM GU4300	Black Film and Media
FILM GU4310	EXPERIMENTAL FILM # MEDIA
FILM GU4910	Seeing Narrative
FILM GU4940	QUEER CINEMA
FILM GU4953	Reality Television

**Notes:**

- Outside of the required classes, most undergraduate courses offered through the Columbia or Barnard Film and Media Studies majors will count as an elective, including summer classes. Please confirm with the Director of Undergraduate Studies.
- Film- or media-related classes from other departments can count as electives only with prior DUS approval.
- There is a cap of FOUR classes in screenwriting or filmmaking that can be applied toward the major.
- Cinema History or Lab classes taken in excess of the above requirements roll over as electives (e.g., if you take two labs, one will count as one of your seven electives).

**Minor in Film & Media Studies**

The minor consists of five courses (fifteen credits) as follows:

Intro to Film and Media Studies (FILM UN1000) (3 credits)

Two of the following four courses, one of which must be FILM UN2010 or UN2020:

o Cinema History I: Beginnings to 1930 (FILM UN2010) (3 credits)

o Cinema History II: 1930-1960 (FILM UN2020) (3 credits)

o Cinema History III: 1960-1990 (FILM UN2030) (3 credits)

o Cinema History IV: After 1990 (FILM UN2040) (3 credits)

Any two electives, one of which can be from the following labs:

o Lab in Writing Film Criticism (FILM UN2410) (3 credits)

o Lab in Screenwriting (FILM UN2420) (3 credits)

o Lab in Fiction Filmmaking (FILM UN2510) (3 credits)

o Lab in Nonfiction Filmmaking (FILM UN2520) (3 credits)

Some classes are at present not available to minors except with explicit instructor approval, as

follows: Senior Seminar in Film Studies (FILM UN3900); Advanced Film Production Practice

(FILM UN3915); Senior Seminar in Screenwriting (FILM UN3920); Narrative Strategies in

Screenwriting (FILM UN3925).

**Advising and governance**

Students who take the minor should begin with Intro to Film and Media Studies, which is open

to all students across the university, no matter their year or major/minor. The Cinema History

classes can also be taken at any time, irrespective of declared major/minor. Lab classes and

seminars will only be available to students who have declared minors in Film and Media Studies

(usually at the end of their sophomore year).

All minors are entitled to one lab class, although they may take a second for their other elective

if space permits. Priority for labs will be organized as follows: 1) majors who have not taken a

lab; 2) minors who have not taken a lab; 3) majors who have already taken one lab; 4) minors

who have already taken one lab.

Students can apply only one study abroad or transfer class (3-credit equivalent) to completion

of the minor. This restriction also applies to film-related classes offered in other Columbia

programs.

# FRENCH

## THE FRENCH DEPARTMENT:

Department website: <https://french.columbia.edu/>

Office location: 515-521 Philosophy Hall

Office contacts: Julie L. Stevens [js4504@columbia.edu](mailto:js4504@columbia.edu)

Department Chair: Prof. Emmanuelle Saada [es2593@columbia.edu](mailto:es2593@columbia.edu)

Director of Undergraduate Studies: Prof. Aubrey Gabel, [aag2188@columbia.edu](mailto:aag2188@columbia.edu)

Director of the French Language Program: Dr. Pascale Hubert-Leibler [ph2028@columbia.edu](mailto:ph2028@columbia.edu)

Undergraduate Administrator: Benita Dace, [byd1@columbia.edu](mailto:byd1@columbia.edu)

## FRENCH AND FRANCOPHONE STUDIES

The undergraduate Major in French and Francophone Studies and Minor in French and Francophone Studies give students an overview of French and francophone literature, culture, politics, and societies from the Middle Ages to the present. Students take a series of required courses in which they hone their linguistic skills (primarily with Read, Think, Write in French) before delving into the study of literature, culture, politics and society with Introduction to French and Francophone Studies: History and Introduction to French and Francophone Studies: Literature, and the Senior Seminar in which students refine their understanding of literary analysis, works and methods and are introduced to research in French and francophone studies. Students also take advanced electives on any aspect of French or francophone literature, culture, or history.

The optional Senior Essay, written under the guidance of a faculty member at Columbia or during a student's semester abroad, provides an initiation to scholarly research. It is a requirement to be eligible for departmental honors.

Seeing as a direct experience of contemporary French society is an essential part of the program, students are strongly encouraged to spend a summer, a semester or an academic year at Reid Hall-Columbia University in Paris, where they can take courses that will be credited toward the French major as well as to other majors including Political Sciences, History or Art History. Qualified students may also take courses directly in the French university system.

Please reach out to the Director of Undergraduate Studies for Majors' and Minors' Worksheets (for French and Francophone Studies), which provide a breakdown of course requirements.

## STUDENT ADVISING

All advising for undergraduate students pursuing a French and Francophone studies major and minor is handled by the Director of Undergraduate Studies. Students with questions regarding language requirements should contact the Director of the French Language Program.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

Entering students are placed, or exempted, on the basis of their College Board Achievement or Advanced Placement scores, or their scores on the placement test taken online: FRENCH PLACEMENT TEST. An SAT score of 780 or a score of 5 on the AP exam satisfies the language requirement. Students with a score of 4 on the AP exam will be placed in Intermediate II, but may attempt to place out by requesting to take an oral exam administered by the Director of the Language Program.

### Barnard College Courses

Many advanced literature and culture courses at Barnard College may fulfill elective credits for the French major or minor at Columbia, pending approval by the Director of Undergraduate Studies. Please note: The Barnard course, FREN BC1204 Intermediate II does not fulfill the undergraduate language requirement.

### Transfer Courses

Transfer students may apply a limited number of qualifying credits from other institutions to elective courses in the French major and minor, pending approval from the Director of Undergraduate Studies. Students should be expected to present syllabi and transcripts for courses at previous institutions.

### Study Abroad

Seeing as a direct experience of contemporary French society is an essential part of the program, students are strongly encouraged to spend either a summer term, a semester, or a full, academic year at Reid Hall, Columbia University's Global Center in Paris, where they can take courses that will be credited toward the French major as well as to other majors (e.g. history, art history, political science) and the global core. Qualified students may also take courses directly in the French university system.

For information on study abroad, visit the OGP website at [www.ogp.columbia.edu](http://www.ogp.columbia.edu), call 212-854-2559, or e-mail [studyabroad@columbia.edu](mailto:studyabroad@columbia.edu). For a list of approved study abroad programs, visit <http://www.ogp.columbia.edu/index.cfm?FuseAction=Programs.ListAll>. For Reid Hall's French immersion program, please visit <https://global.undergrad.columbia.edu/program/columbia-paris-semester>.

### Summer Study in Paris

Study abroad opportunities at Reid Hall are available during the summer. These include language and culture courses, global core electives and a combined course that meets both Columbia's ArtHum and MusicHum requirements. For information about study abroad, please visit <https://global.undergrad.columbia.edu/studyabroad>.

### Summer Courses

The French Department offers a limited number of courses in the French language and in French and francophone literature, history, and culture over the summer. For more information about summer courses in French, please contact [Samuel Skippon \(ss2642@columbia.edu\)](mailto:ss2642@columbia.edu), the Director of Summer Sessions.

## CORE CURRICULUM CONNECTIONS

The French Department offers courses in the Global Core, which may also count as electives in the French major or minor. For a current listing of Global Core courses, please consult this website: <https://bulletin.columbia.edu/columbia-college/core-curriculum/global-core-requirement/>

## UNDERGRADUATE RESEARCH AND SENIOR ESSAY

### Senior Essay

The Senior Essay offers students an opportunity to immerse themselves in a research project and to hone their research and writing skills. It substitutes for an elective and makes the student eligible for departmental honors. The essay (25 pages minimum, in French) is usually written under the direction of a tenured or tenure-faculty faculty member (assistant professor, associate professor, or professor). Occasionally, with the permission of the DUS, the essay may be written under the direction of a lecturer. Only students who choose to write a Senior Essay are eligible for departmental honors.

The Senior Essay is a year-long project. Students are required to meet with the DUS to discuss their choice of adviser. They should do so preferably before the end of the spring semester of their junior year and no later than September 15th of their senior year. Once they have established a relationship with their adviser, they should have their research project approved by the latter, with a copy to the DUS (no later than October 15th). In the Spring, students should register for the Senior Tutorial in Literature (FREN UN3996). Students developing a Senior Essay are still required to take the Senior Seminar (FREN UN3995) in their senior year.

### Undergraduate Research outside of Courses

The Department of French fosters students' research and critical thinking skills both inside and outside of the classroom. During their studies, interested students are encouraged to apply for undergraduate research funding opportunities, awarded by

the department (see the Undergraduate Research Fellowship below), other Columbia units and outside sources. French and Francophone Studies graduates often go on to teach and research abroad, through programs like the [US Fulbright Program](#) or the [Teaching Assistant Program in France \(TAPIF\)](#).

## DEPARTMENT HONORS AND PRIZES

### Academic Prizes

The Department of French awards the following prizes to students enrolled in courses in the department:

1. Prize for Excellence in French Studies: awarded to a highly promising student in an intermediate or advanced French course;
2. Senior French Prize: awarded to an outstanding graduating major.

### Undergraduate Research Outside of Courses [drop-down]

The Department of French fosters students' research and critical thinking skills both inside and outside of the classroom. During their studies, interested students are encouraged to apply for undergraduate research funding opportunities, awarded by the department (see the Undergraduate Research Fellowship below), other Columbia units and outside sources. French and Francophone Studies graduates often go on to teach and research abroad, through programs like the [US Fulbright Program](#) or the [Teaching Assistant Program in France \(TAPIF\)](#).

### Undergraduate Research Fellowship

Every year, the Department of French awards the French and Francophone Studies Undergraduate Research Fellowship. The fellowship is intended to support students majoring in the humanities or the social sciences pursuing research in France or a francophone country or region during the summer between their junior and senior years. Please visit [this website](#) for up-to-date information.

### Department Honors

Majors who wish to be considered for departmental honors should consult with the director of undergraduate studies. To be eligible for departmental honors, students must have a grade point average of at least 3.7 in major courses and have completed an approved senior essay (information below) under the guidance of a faculty member at Columbia or Reid Hall. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

## OTHER IMPORTANT INFORMATION

### In Fulfillment of the Language Requirement

Students beginning the study of French at Columbia must take four terms of the following two-year sequence: FREN UN1101-



UN1102 Elementary French I & II, and FREN UN2101-UN2102 Intermediate French I & II.

Entering students are placed, or exempted, on the basis of their College Board Achievement or Advanced Placement scores, or their scores on the placement test taken online: [FRENCH PLACEMENT TEST](#). An SAT score of 780 or a score of 5 on the AP exam satisfies the language requirement. Students with a score of 4 on the AP exam will be placed in Intermediate II, but may attempt to place out by requesting to take an oral exam administered by the Director of the Language Program.

Please note: The Barnard course, [FREN BC1204](#) Intermediate II does not fulfill the undergraduate language requirement.

## Language Proficiency Courses

Elementary and intermediate French courses help students develop an active command of the language. In FREN UN1101 ELEMENTARY FRENCH I and FREN UN1102 ELEMENTARY FRENCH II, the communicative approach is the main instructional method. In addition to practicing all four language skills—listening, speaking, reading, and writing—students are introduced to the cultural features of diverse French-speaking communities.

In intermediate courses FREN UN2101 INTERMEDIATE FRENCH I and FREN UN2102 INTERMEDIATE FRENCH II, students develop linguistic competence through the study of short stories, films, novels, and plays. After completing the four-semester language sequence, students can discuss and write in fairly proficient French on complex topics.

At the third-year level, attention is focused on more sophisticated use of language, in grammar and composition courses, and on literary, historical, and philosophical questions.

## Conversation Courses

Students looking for intensive French oral practice may take some of the 2-point conversation courses offered at intermediate and advanced levels. Conversation courses generally may not be counted toward the major or concentration.

### Advanced Placement

- AP score of 4 automatically places a student in French Intermediate II, thereby granting them the equivalency of the first 3 courses of the elementary-intermediate sequence.
- AP score of 5 or DELF: The department grants 3 credits for a score of 5 on the AP French Language exam, or for the completion of DELF (Diplôme d'Etudes en Langue Française). Students are awarded this credit only after they take a 3000-level French course (taught in French, for at least 3 points) and obtain a grade of B or above in that course.
- DALF C1 level or IB HL score of 6 or 7: The department grants 3 credits for the C1 level of DALF (Diplôme Approfondi de Langue Française), or for a score of 6 or 7 on the International Baccalaureate (IB) Higher Level

(HL) exam. Students have no obligation to take higher-level French courses in order to receive these 3 credits, but restrictions apply on the use of these credits toward the French major.

## Language Laboratory and On-line Materials

Language laboratories located in the International Affairs Building provide opportunities for intensive practice in French pronunciation and aural comprehension. French courses typically make extensive use of on-line interactive materials that students can access from their own computers.

## Maison Française

Students interested in French should acquaint themselves with the Maison Française, which houses a reading room of French newspapers, periodicals, books, and videos, and sponsors lectures/discussions and ably distinguished French visitors to New York City. With its weekly French film series as well as, book club, café-conversation. Another opportunity to practice French, discover new aspects of Francophone culture, and learn about internships and professional opportunities is the French Cultural Society. For information about the FCS, contact the departmental liaison, Dr. Laurence Marie. and other events, the Maison Française offers an excellent opportunity for students to perfect their language skills and enhance their knowledge of French and Francophone culture.

### Professors

- Peter Connor (Barnard)
- Madeleine Dobie
- Antoine Compagnon
- Souleymane Bachir Diagne
- Pierre Force
- Elisabeth Ladenson
- Camille Robcis
- Emmanuelle Saada
- Joanna Stalnaker
- Caroline Weber (Barnard)

### Associate Professors

- Thomas Dodman
- Eliza Zingesser

### Assistant Professors

- Aubrey Gabel

### Senior Lecturers



- Heidi Holst-Knudsen
- Pascale Hubert-Leibler
- Sophie Queuniet

#### Lecturers

- Alexandra Borer
- Pascale Crépon
- Wesley F. Gunter
- Samuel Skippon
- Eric Matheis
- Laurence Marie

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students interested in majoring or minoring in French and Francophone Studies should consult the Curriculum Maps, available on the Bulletin and the Department of French website. Students should also meet with the Director of Undergraduate Studies to discuss their degree progress on a semesterly basis.

### Guidance for First-Year Students

Incoming students interested in majoring or minoring in French and Francophone Studies should immediately begin taking courses in French upon their arrival, after having taken the Language Placement Exam to test into the appropriate course level. Some students will need to take additional language courses before beginning courses for the major/minor, and others can proceed directly to major and/or minor requirements. As they continue with their course requirements, students should consult the Curriculum Maps, available on the Bulletin and the Department of French website. After their first year, students should also consult with the Director of Undergraduate Studies on a semesterly basis.

### Guidance for Transfer Students

Transfer students interested in majoring or minoring in French and Francophone Studies should immediately should also consult with the Director of Undergraduate Studies, who will decide which, if any, courses may be afforded transfer credit. Students should have syllabi and course materials on hand, so that the DUS can evaluate possible courses for transfer credits. After this, students majoring or minoring in French and Francophone Studies are encouraged to meet with the DUS to discuss their degree progress on a semesterly basis.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in French and Francophone Studies

For those students who would like to major in French and Francophone studies, please consult our website and the information below. Each student's program of study is to be discussed regularly with the Director of Undergraduate Studies, starting in the spring semester of the sophomore year.

#### COURSES

A minimum of 30 points beyond completion of the language requirement (FREN UN2102), which should be distributed as follows:

#### CORE (12 points):

FREN UN3405	Read, Think, Write in French (Formerly Titled, "Advanced Grammar and Composition")
FREN UN3409	INTRO TO FRENCH # FRANCOPHONE HISTORY
FREN UN3410	Intro French # Francophone Literature
FREN UN3995	SENIOR SEMINAR

#### ELECTIVES (18 points, or 15 points in case of a senior essay):

Six elective courses in French or francophone literature and culture at the 3000 or 4000 level.

These elective courses can include advanced literature, culture, and history courses offered by the Department of French, as well as our popular "French Thru/Through X" courses, which reinforce advanced French language proficiency through various cultural themes (including Current Events, Paris, Pop Culture, the Visual Arts, and so on).

These elective courses should include a minimum of one course that covers the Early-Modern period (before 1800) and a maximum of two "French Thru/Through X" classes (FREN UN32XX).

Students are encouraged to study abroad at Reid Hall. Relevant courses taken at Reid Hall or at a French partner institution may count towards the major.

Though students should prioritize classes taught in French and in the Department of French, courses with significant coverage of the French and Francophone world in other departments may also be counted towards the major with DUS approval.

Some French Barnard College courses may be taken with the approval of the Director of Undergraduate Studies.

#### CURRICULUM MAP:

- Students are encouraged to first complete FREN UN3405, to prepare themselves for other, more advanced university courses in French. One possible curriculum map is thus to take FREN UN3405, then the core literature and history survey courses (in any order or concurrently), before

completing the three required elective courses. However, additional core and elective courses can ultimately be taken in any order or concurrently.

- Elective credits can also be completed while studying abroad, either at the Columbia Undergraduate program at Reid Hall in Paris or at partner institutions, such as Sciences Po and a few other qualifying Parisian universities.
- Any elective courses taken at partner institutions will be subject to DUS approval.

## Minor in French and Francophone Studies

For those students who would like to minor in French and francophone studies, please consult our website and the information below. Each student's program of study is to be discussed regularly with the Director of Undergraduate Studies, starting in the spring semester of the sophomore year.

### COURSES

The minor is composed of five courses, or a minimum of 15 points beyond the language requirement / prerequisite (FREN UN2102), which are distributed as follows.

#### CORE (6 points):

- FREN UN3405 "Read, Think, Write in French" (Formerly titled "Advanced Grammar and Composition")
- One of our two core interdisciplinary, undergraduate survey courses, which cover literature, history, and culture from the Middle Ages to the Present. These include either the history survey (FREN UN3409 Introduction to French and Francophone Studies: History) or the literature survey (FREN UN3410 Introduction to French and Francophone Studies: Literature).

#### INTERDISCIPLINARY ELECTIVES (9 points):

- The remaining three electives can be fulfilled by various French or Francophone literature courses at the 3000 or 4000 level.
- These elective courses can include advanced literature, culture, and history courses offered by the Department of French, as well as our popular "French Thru/Through X" (FREN UN32XX) courses, which reinforce advanced French language proficiency through various cultural themes (including Current Events, Paris, Pop Culture, the Visual Arts, and so on).
- Students are encouraged to study abroad at Reid Hall. Relevant courses taken at Reid Hall or at a French partner institution may count towards the major.
- Though students should prioritize classes taught in French and in the Department of French, courses with significant

coverage of the French and Francophone world in other departments may also be counted towards the minor with DUS approval.

- Although students should prioritize classes taught in the Department of French at Columbia, some French courses at Barnard College may be taken with the approval of the Director of Undergraduate Studies.

### CURRICULUM MAP:

- Students are encouraged to first complete FREN UN3405, to prepare themselves for other, more advanced university courses in French. One possible curriculum map is thus to take FREN UN3405, then one core course (either the literature or history survey courses), before completing the three required elective courses. However, additional core and elective courses can ultimately be taken in any order or concurrently. Students may also opt to take the remaining core course for an elective credit (i.e., to take both the literature and history survey courses, and to count one towards the minor requirement and one towards an elective credit).
- Elective credits can also be completed while studying abroad, either at the Columbia Undergraduate program at Reid Hall in Paris or at partner institutions, such as Sciences Po and a few other qualifying Parisian universities.
- Any elective courses taken at partner institutions will be subject to DUS approval.

### LANGUAGE PROFICIENCY REQUIREMENTS:

- Students could begin completing their minor immediately in their freshman year but should begin a minor no later than their junior year. Upon arrival at Columbia, interested students will need to pass the language proficiency exam to determine whether they need to complete first- and second-year French courses, or whether they can pass directly to FREN UN3405.
- All language prerequisites must be completed before taking FREN UN3405.
- The AP French exam already fulfills the language requirement for Columbia students, so it may not fulfill requirements for the minor.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in French and Francophone Studies

The concentration in French and Francophone Studies requires a minimum of 24 points beyond completion of the language

requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	Read, Think, Write in French
FREN UN3409	INTRO TO FRENCH # FRANCOPHONE HISTORY
FREN UN3410	Intro French # Francophone Literature
FREN UN3995	SENIOR SEMINAR

The remaining four courses (12 points) are to be chosen from 3000- or 4000- level offerings in French literature, culture, or history.

One of the following advanced language classes can be counted as an elective: French for Diplomats; French Culture, Language and Society through ... (FREN UN324X); Advanced Translation Workshop.

## Major in French

The major in French requires a minimum of 33 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	Read, Think, Write in French
FREN UN3333 & FREN UN3334	INTRO TO LITERARY STUDIES I and INTRO TO LITERARY STUDIES II
FREN UN3600	INTRO TO FRENCH CIVILIZATION
FREN UN3995	SENIOR SEMINAR

Select one upper-level course on literature before 1800.

Select one course in area of Francophone literature or culture, i.e., bearing on practices of French outside of France or on internal cultural diversity of France.

The remaining four courses (12 points) are to be chosen from 3000-level offerings in French literature, linguistics, or civilization.

One of the following advanced language classes can be counted as an elective: French for Diplomats; French Culture, Language and Society through...; Advanced Translation Workshop; and The Cultural Workshop.

### Note the following:

FREN BC3006 Composition and Conversation is not applicable to either the French major or the concentration. Other Barnard French courses may be taken with the approval of the director of undergraduate studies;

Heritage speakers are exempted from FREN UN3405 THIRD-YEAR GRAMMAR # COMP, but must replace the course by taking an advanced elective

FREN UN1101	ELEMENTARY FRENCH I
FREN UN1102	ELEMENTARY FRENCH II
FREN UN1105	ACCELERATED ELEM FRENCH
FREN UN2101	INTERMEDIATE FRENCH I
FREN UN2102	INTERMEDIATE FRENCH II
FREN UN2106	RAPID READING AND TRANSLATION
FREN UN2121	INTERMED CONVERSATN FRENCH I
FREN UN2122	INTERMED CONVERSATN FRENCH II
FREN UN3131	THIRD-YEAR CONVERSATION FR I
FREN UN3132	THIRD-YEAR CONVERSATION FR II

## Concentration in French

The concentration in French requires a minimum of 24 points beyond completion of the language requirement (FREN UN2102 Intermediate Course II), distributed as follows:

FREN UN3405	Read, Think, Write in French
FREN UN3333 & FREN UN3334	INTRO TO LITERARY STUDIES I and INTRO TO LITERARY STUDIES II
FREN UN3600	INTRO TO FRENCH CIVILIZATION

The remaining four courses (12 points) are to be chosen from 3000-level offerings in French literature, linguistics, or civilization.

One of the following advanced language classes can be counted as an elective: French for Diplomats; French Culture, Language and Society through...; Advanced Translation Workshop; and The Cultural Workshop

The following Columbia French courses are not applicable to the French major or concentration:

# GERMANIC LANGUAGES

## GERMANIC LANGUAGES

Department website: <https://germanic.columbia.edu/>

Office location: 414 Hamilton Hall

Office contact: 212-854-3202, [germanic@columbia.edu](mailto:germanic@columbia.edu)

Director of Undergraduate Studies: Professor Annie Pfeifer, 409 Hamilton Hall, [ap750@columbia.edu](mailto:ap750@columbia.edu), 212-854-8986

Director of the Language Program: Jutta Schmiere-Heller, [js2331@columbia.edu](mailto:js2331@columbia.edu), 212-854-5381

Director of Academic Administration and Finance: Kerstin Hofmann, 415 Hamilton Hall, [kh3168@columbia.edu](mailto:kh3168@columbia.edu), 212-854-1624

## THE DEPARTMENT OF GERMANIC LANGUAGES

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.

## THE YIDDISH STUDIES PROGRAM

The Yiddish Studies Program at Columbia University, the global leader in Yiddish scholarship and teaching, focuses on the experiences and cultural efflorescence of Ashkenazic Jewry over a thousand years and five continents. It is a perfect exemplar of Columbia's interests in global and transnational study, weaving together language, literature, and culture in a way that echoes the best of Columbia's justly famed humanities programs.

The program in Yiddish studies offers both the undergraduate Major, Concentration and three new Minor tracks, in addition to graduate studies leading to the Ph.D. In both the undergraduate and graduate program, emphasis is placed not merely on acquiring linguistic proficiency and textual study, but also viewing Yiddish literature in a larger cultural and interdisciplinary context. The graduate program, the only degree-granting Yiddish Studies Program in the United States, is considered one of the world's most important, with its graduates holding many of the major university positions in the field.

Students of Yiddish have ample opportunities to enhance their studies through a number of fellowships. The Naomi Fellowship, a fully-subsidized Yiddish Study Abroad program allows students to explore Yiddish culture and history in Israel and Poland. The Irene Kronhill Pletka YIVO Fellowship enables students to expand on their archival research skills in New York. Upon graduation, our majors compete successfully for Fulbright and other prestigious scholarships, and are highly qualified to pursue careers in humanities, social sciences, as well as artistic and professional careers.

Students work with faculty in Germanic languages, Jewish studies, history, and Slavic studies to broaden their understanding of the literature, language, and culture of Eastern European Jewry. The Yiddish Studies Program is also closely affiliated with the Institute for Israel and Jewish Studies, which offers diverse programming and other fellowship opportunities. Classes are small, and instruction is individualized and carefully directed to ensure that students gain both a thorough general grounding and are able to pursue their own particular interests in a wide-spanning field. The program also offers classes taught in translation for students who do not study Yiddish. The Yiddish programming, such as lectures, monthly conversation hours, Meet a Yiddish Celebrity series, as well as the activities of the Yiddish Club of Columbia's Barnard/Hillel allows students to explore Yiddish culture outside the classroom.



## The German Language Placement Exam

The German Language Placement Exam is offered every semester to students who already speak the language in order to determine their language level (Elementary, Intermediate, Advanced) and the right level language course. Visit our [website for details](#).

## The German Language Program

First- and second-year German language courses emphasize spoken and written communication, and provide a basic introduction to German culture. Goals include mastery of the structure of the language and enough cultural understanding to interact comfortably with native speakers.

After successfully completing the elementary German sequence, [GERM UN1101 ELEMENTARY GERMAN I-GERM UN1102](#), students are able to provide information about themselves, their interests, and daily activities. They can participate in simple conversations, read edited texts, and understand the main ideas of authentic texts. By the end of [GERM UN1102](#), students are able to write descriptions, comparisons, and creative stories, and to discuss general information about the German-speaking countries.

The intermediate German sequence, [GERM UN2101 INTERMEDIATE GERMAN I-GERM UN2102 INTERMEDIATE GERMAN II](#), increases the emphasis on reading and written communication skills, expands grammatical mastery, and focuses on German culture and literary texts. Students read short stories, a German drama, and increasingly complex texts. Regular exposure to video, recordings, the World Wide Web, and art exhibits heightens the cultural dimensions of the third and fourth semesters. Students create portfolios comprised of written and spoken work.

Upon completion of the second-year sequence, students are prepared to enter advanced courses in German language, culture, and literature at Columbia and/or at the Berlin Consortium for German Studies in Berlin. Advanced-level courses focus on more sophisticated use of the language structure and composition ([GERM UN3001 ADVANCED GERMAN I-GERM UN3002 ADVANCED GERMAN II](#)); on specific cultural areas; and on literary, historical, and philosophical areas in literature-oriented courses ([GERM UN3333 INTRO TO GERMAN LIT \(GERMAN\)](#)).

## In Fulfillment of the Language Requirement in German

Students beginning the study of German at Columbia must take four terms of the following two-year sequence:

GERM UN1101	ELEMENTARY GERMAN I
GERM UN1102	ELEMENTARY GERMAN II
GERM UN2101	INTERMEDIATE GERMAN I
GERM UN2102	INTERMEDIATE GERMAN II

Entering students are placed, or exempted, on the basis of their College Board Achievement or Advanced Placement scores, or their scores on the placement test administered by the departmental language director. Students who need to take [GERM UN1101 ELEMENTARY GERMAN I-GERM UN1102 ELEMENTARY GERMAN II](#) may take [GERM UN1125 Accelerated Elementary German I & II](#) as preparation for [GERM UN2101 INTERMEDIATE GERMAN I](#).

## STUDENT ADVISING

### Consulting Advisers

**Director of Undergraduate Studies:** Professor Annie Pfeifer, 409 Hamilton Hall, [ap750@columbia.edu](mailto:ap750@columbia.edu), 212-854-8986

**Director of the German Language Program:** Jutta Schmiers-Heller, [js2331@columbia.edu](mailto:js2331@columbia.edu), 212-854-5381

**Director of the Yiddish Studies Program:** Professor Jeremy Dauber, [jad213@columbia.edu](mailto:jad213@columbia.edu)

**Director of the Yiddish Language Program:** Agnieszka Legutko, [abl209@columbia.edu](mailto:abl209@columbia.edu), 212-854-3202

Students can contact the DUS with advising questions. The Department of Germanic Languages is represented at the Academic Resources Fair prior to the beginning of the fall semester and hosts fall and spring open houses for interested students.

### Enrolling in Classes

The German Language Placement Exam is offered throughout the year to students who already speak the language in order to determine their language level (Elementary, Intermediate, Advanced) and the right level language course. Visit our [website for details](#).

### Preparing for Graduate Study

Upon graduation, German majors compete successfully for Fulbright or DAAD scholarships for research in Germany or Austria beyond the B.A. degree. Graduating seniors are highly qualified to pursue graduate studies in the humanities and social sciences, as well as professional careers. Former majors and minors have gone on to pursue graduate degrees in law, journalism, banking and consulting, international affairs, education, and communications.

In addition to applying for Fulbright or DAAD scholarships, students considering graduate work may also wish to write a senior thesis or develop an independent research project with a faculty mentor.

Students interested in pursuing a PhD or MA in the field of Germanic Languages should therefore speak with the Director of Undergraduate Studies and other faculty members no later than the beginning of the fall semester before applying (i.e., typically the fall of the senior year).



## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major or minor [or special program or concentration] must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies of the program. Exceptions or substitutions permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

### 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.

### Barnard College Courses

The German programs at Columbia and Barnard work together closely. Students may take courses at Barnard to count towards the Major or Minor with the approval of the DUS. Students at Barnard should speak to their advisor at Barnard regarding Columbia courses as the departments are distinct and the requirements for their respective majors are different.

### Transfer Courses

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor [or special program or concentration].

### Study Abroad Courses

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor [or special program or concentration], the DUS will need to confirm that they can be used toward requirements in the major/minor.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses. There will be a limit on

the number of courses taken abroad that can be applied to the major/minor, and they must be approved by the DUS."

### FUBiS Summer Language Program in Berlin

The department offers a language-intensive German program over the summer at the Freie Universität Berlin (FUBiS). Financial support is provided primarily by the Germanistic Society of America and the Max Kade Foundation, with some help from Barnard College, Columbia College, General Studies, Columbia Engineering, and the Department of Germanic Languages.

The FUBiS scholarship is for students who have completed at least two semesters or equivalent of German language instruction in our German language program by May of the year they are applying. Scholarships are awarded based on academic achievement and German language aptitude. Each scholarship includes a travel grant, tuition for a six-week/ one month-long German language course, and lodging at the summer program of the FU University. For additional information on FUBiS, please contact our department and visit <https://www.fubis.org>.

### Berlin Consortium for German Studies

The Berlin Consortium for German Studies (BCGS) provides students with a study abroad program, administered by Columbia University, which includes students from other consortium member schools (Princeton, Yale, University of Pennsylvania, Johns Hopkins, and the University of Chicago). You can study a semester or a full academic year. We have the original immersion program (4 semesters + of German required) and a program for students with less German. Please visit the Global Engagement page and click on the tab "Calendars and Pathways" to see all the options available to you: <https://global.undergrad.columbia.edu/program/bcgs>

For additional information on the Berlin Consortium, see the Study Abroad—Sponsored Programs section in this Bulletin, visit the Center for Undergraduate Global Engagement, or consult the program's office at [uge@columbia.edu](mailto:uge@columbia.edu) ([uge@columbia.edu](mailto:uge@columbia.edu)).

### Summer Courses

Summer courses at Columbia are offered through the School of Professional Studies.

Courses taken in a Summer Term may be used toward requirements for the major/minor only as articulated in department/institute/center guidelines or by permission of the Director(s) of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.

## CORE CURRICULUM CONNECTIONS

Faculty and graduate instructors from the Department of Germanic Languages regularly teach in the Core, usually Literature Humanities and Contemporary Civilization.

The Department of Germanic Languages also offers several courses that build on the coursework in Contemporary Civilization including “Marx, Nietzsche, Freud” (GERM4670GU) and “Aesthetic Theory - Frankfurt School” (CLGR 4210GU) and “Aesthetics and Philosophy of History” (CLGR4250GU).

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

Beyond the wide-ranging language instruction, the department offers courses that teach students critical theory and interdisciplinary thinking that are applicable to many areas of knowledge. Courses like “Literary Theory: Nietzsche-Agamben” (CLGR4130GU) introduce students to theoretical and interdisciplinary methods. “Advanced Topics” (UN3991) introduces students to contemporary topics and scholarly debates and is based on current research interests of faculty members. Students are also given an opportunity to develop an independent research project.

Students should consult with the Director of Undergraduate Studies. Students can register for Directed Readings with a faculty member.

### Senior Thesis Coursework and Requirements

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. Students should approach a faculty member at the end of their junior or beginning of their senior year.

## Undergraduate Research Outside of Courses DEPARTMENT HONORS AND PRIZES

### Department Honors

Normally no more than 10% of graduating majors receive departmental honors in a given academic year. For the requirements for departmental honors, see the DUS.

### Academic Prizes

All prize recipients are announced at the end of the spring semester of each academic year.

The German Academic Achievement Award is awarded to the top students in German language classes. The award is made by the department together with the support of the Consulate General of the Federal Republic of Germany. The prize consists of a certificate provided by the Consulate and a small gift provided by the department.

The Deutscher Verein Prize is a cash prize given annually to a single Columbia College junior or senior who submits the best essay on a prescribed topic in German Literature or culture. Essays can be in English or in German.

The Deutsches Haus Prize for Distinguished Undergraduate Achievement is given to a graduating German major or minor who has demonstrated excellence and promise in the field of German Studies.

## OTHER IMPORTANT INFORMATION

### Deutsches Haus

Deutsches Haus, 420 West 116th Street, provides a center for German cultural activities on the Columbia campus. It sponsors lectures, film series, and informal gatherings that enrich the academic programs of the department. Frequent events throughout the fall and spring terms offer students opportunities to engage with current issues in the field and practice their language skills. Twice a month during the semester, the department offers “Kaffeestunde,” an open German conversation hour for speakers at all proficiency levels. The department also holds monthly Dutch and Yiddish Conversation hours.

### Grading

Courses in which a grade of D has been received do not count toward the major or concentration requirements.

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## PROFESSORS

Mark Anderson  
Stefan Andriopoulos  
Claudia Breger (Chair)  
Jeremy Dauber  
Andreas Huyssen (emeritus)  
Harro Müller (emeritus)  
Dorothea von Mücke  
Annie Pfeifer  
Oliver Simons

## VISITING PROFESSORS SPRING 2025:

Maha El Hissy (Visiting Max Kade Professor)

Lieke van Deinsen (Queen Wilhelmina Visiting Assistant Professor)

## SENIOR LECTURERS

Wijnie de Groot (Dutch)  
Agnieszka Legutko (Yiddish)  
Jutta Schmiere-Heller (German)

## LECTURERS

Xuxu Song (German)  
Simona Vaidean (German)

# GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

## Program Planning for all Students

Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of majors and minors. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Students who entered Columbia in or before the 2023-2024 academic year may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

## Course Numbering Structure

The 1000 and 2000-level courses are typically language classes including Elementary, Intermediate, and Conversation. At the 3000/4000-level, courses are either advanced language classes and literature/culture classes. While many 3000/4000 courses are taught in English, others are taught in the target language and have language prerequisites or requirements.

## Guidance for First-Year Students

Students who have had prior German instruction are required to take the placement test, which is offered every semester. Students may enroll in 3000 and 4000 level literature and culture courses taught in English before or without completing the language requirements.

## Guidance for Transfer Students

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit. Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor [or special program or concentration].

# UNDERGRADUATE PROGRAMS OF STUDY

## Major in German Literature and Cultural History

The goal of the major is to provide students with reasonable proficiency in reading a variety of literary, philosophical, and historical texts in the original and, through this training, to facilitate a critical understanding of modern German-speaking cultures and societies. Students should plan their program of study with the director of undergraduate studies as early as possible. Competence in a second foreign language is strongly recommended, especially for those students planning to attend graduate school.

The major in German literature and cultural history requires a minimum of 30 points, distributed as follows:

GERM UN2102	INTERMEDIATE GERMAN II
GERM UN3001	ADVANCED GERMAN I (can be waived and replaced by another 3000 level class upon consultation with the DUS)
or GERM UN3002	ADVANCED GERMAN II
GERM UN3333	INTRO TO GERMAN LIT (GERMAN)

Select two of the following survey courses in German literature and culture (at least one of these must focus on pre-20th-century cultural history):

GERM UN3442	Literature in the 18th and 19th Centuries
GERM UN3443	SURVEY OF GERMAN LIT:19C (GER)
GERM UN3444	SURVEY OF GERMAN LIT:20C (GER)
GERM UN3445	German Literature After 1945 [In German]

One course in German intellectual history

GERM UN3991	Advanced Topics in German Literature
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The remaining courses to be chosen from the 3000- or 4000-level offerings in German and Comparative Literature—German in consultation with the Director of Undergraduate Studies.

Intermediate German II (GERM UN 2102) can be counted toward the required 30 points, but the total of points from language courses should not be higher than six points.

## Senior Thesis

A senior thesis is not required for the major. Students interested in a senior thesis or research project may do so through independent study with a faculty member over one or two semesters.

## Major in Yiddish Studies

The program is designed as a combination of language and content courses. First- and second-year Yiddish language courses emphasize spoken and written communication, and provide a basic introduction to Eastern European Jewish culture. Goals include mastery of the structure of the language and enough cultural understanding to interact comfortably with native speakers.

After second-year Yiddish language courses are completed, students should feel sufficiently comfortable to begin to work with Yiddish literature in the original. Upper-level undergraduate/graduate courses are designed to accommodate students with a range of Yiddish language experience, and intensive language summer study abroad, such as the Naomi Prawer Kadar International Yiddish Summer Program (the Yiddish Studies program at Columbia offers the fully-subsidized Naomi Fellowship for students of Yiddish), or other academic summer programs, is also encouraged for improvement in language acquisition and comprehension.

The goal is to provide students with reasonable proficiency in reading a variety of literary, philosophical, and historical texts in the original and, through this training, to provide them with a critical understanding of Yiddish-speaking culture and society.

The second pillar of the Yiddish program is an intimate exposure to the literature and culture of the Yiddish-speaking Jewry. That exposure is achieved through several courses in Yiddish literature, which, although they may cover a variety of subjects or proceed from a number of methodological and disciplinary orientations, share a rigorous commitment to analyzing and experiencing that literature within an overarching historical and cultural framework.

These courses in Yiddish literature, culture and Jewish history will provide students with a solid interdisciplinary foundation in Yiddish studies. Inevitably and necessarily, these courses, whether taught in Yiddish, English, or in a combination of the Yiddish text and English language instruction – cover the sweep of Yiddish literary history from the early modern period to today.

Students should plan their program of study with the director of undergraduate studies as early as possible. There is a prerequisite of two years of Yiddish, or equivalent to be demonstrated through testing.

The Major in Yiddish Studies requires a minimum of 30 points, distributed as follows:

1. **Two courses of advanced language study** (6 points); YIDD UN3101, YIDD UN3102
2. **Three courses in Yiddish literature** (9 points); e.g. YIDD UN3500, YIDD GU4420
3. **At least one course related to a senior thesis** (3 points);

4. **Four related courses, at least one of which is in medieval or modern Jewish history** (12 points); e.g. HIST UN4604, YIDD GU4113.

A senior thesis **is required** for the Major in Yiddish Studies. Students interested in a senior thesis or research project may do so through independent study with a faculty member over one or two semesters. Students must conduct original research, some of which must take place in the Yiddish language, and are required to submit a culminating paper, of no less than 35 pages.

Elective courses:

Elective courses can be taken at Columbia as well as at affiliated institutions such as the Jewish Theological Seminary, Barnard College, New York University, etc. Columbia's arrangements with the joint degree appointing program at JTS, i.e. JTS and GS Joint program with List College, offers students exposure to a wide variety of courses on Yiddish and Yiddish-related topics taught by experts in the field of Yiddish and comparative Jewish literature.

Thanks to the consortial arrangements with other universities in the New York area (Barnard, NYU, Yale, Penn, etc.) students both in Columbia College and General Studies, can take courses at these institutions for degree credit, which allows for student exposure to experts in twentieth-century Soviet Yiddish literature, Yiddish women's writing, Yiddish literature in Israel, and much more (Profs. Gennady Estraiikh, Kathryn Hellerstein, and Hannan Hever). These arrangements allow students to have, if they so choose, an even broader intellectual experience than the already broad interdisciplinary opportunities available to them via the courses offered by the faculty on the Interdisciplinary Committee on Yiddish at Columbia.

Language courses need to be taken at Columbia.

Honors options:

Departmental Honors in Yiddish Studies can be granted to a total of 10% of the students graduating with the Major in Yiddish Studies in a given year across both Columbia College and General Studies.

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## Minor in German

**The total number of courses required for the minor is 5 courses (= minimum of 15 points).**

Pre-requisites:

The minor requires at least 4 semesters of German language (= through Intermediate II), or equivalent proficiency determined by placement test. However, students can count the second semester of intermediate German (GERM UN2102) towards their five courses and begin other coursework (in translation) before completing the four semesters of language.



Language/Literature and Culture distribution:

A maximum of 6 points can be fulfilled with upper-level language courses (Intermediate II and/or Advanced). The remaining credits (= at least three courses) need to be 3000/4000-level literature/culture courses.

### Required Course:

#### GERM UN3333 (Introduction to German Literature)

Course Description: Prerequisites: GERM UN2102 or the equivalent. Examines short literary texts and various methodological approaches to interpreting such texts in order to establish a basic familiarity with the study of German literature and culture.

### Recommended Electives:

1. One of the period survey courses in German literature and culture
  - a. GERM UN3442 Survey of German Literature: 18th-Century
  - b. GERM UN3443 Survey of German Literature: 19th-Century
  - c. GERM UN3444: Survey of German Literature: 20th-Century
2. GERM UN3991: Advanced Topics in German Literature

### Other electives:

The remaining courses can be chosen, in consultation with the Director of Undergraduate Studies, from the department's other 3000- or 4000-level offerings in German and Comparative Literature-German (taught in German or English).

### Sequencing:

## Minor in German Thought and Critical Theory

The minor enables students to gain a deeper knowledge of a critical intellectual and philosophical tradition, which was first established by Kant and then adapted by Marx, Nietzsche, Freud, Arendt, and the Frankfurt School. In addition to historicizing the contexts that allowed for the emergence of this mode of critical thinking, the minor also trains students to extend this critical awareness to new but equally contingent circumstances that we encounter in our global presents and futures. The minor draws on and strengthens crucial core competencies of a Columbia undergraduate education, especially critical thinking, written communication, global awareness, oral communication, and research. Students expand their knowledge of critical arguments by Kant, Marx, Nietzsche, and Arendt whose texts they also read as part of Contemporary Civilization. Offered in cooperation with the Philosophy Departments at Barnard and Columbia, this interdisciplinary minor allows students to explore various dimensions of critical theory including literary theory, continental philosophy, aesthetics, and political theory.

The total number of courses required for the minor is 5 courses (minimum of 15 points). Prerequisites: None. The second semester of Contemporary Civilization is recommended but not required. There is no German language requirement as part of the minor. Classes will be taught in English.

Requirements: Students have to take two of the following three courses:

### 1. CLGR4210GU: Aesthetic Theory - Frankfurt School

Critical theory was the central practice of the Frankfurt School. Founded in Frankfurt in 1923 and later based at Columbia University, this interdisciplinary institute influenced fields like sociology, political science, film, cultural studies, media theory, and comparative literature. The course begins by examining the genealogy of the Frankfurt School in Marxism and its critique of fascism and traces its afterlife in aesthetic theory, deconstruction, and gender studies, as well as the specter of "Cultural Marxism" recently floating around right-wing circles. We read texts by key figures of the Frankfurt School such as Theodor W. Adorno, Max Horkheimer, Herbert Marcuse and Jürgen Habermas as well as works by adjacent figures like Walter Benjamin, Hannah Arendt, and Siegfried Kracauer.

### 2. GERM4670GU: Marx, Nietzsche, Freud

Along with Darwin, Marx, Nietzsche and Freud have radically altered what and how we know; about humans, language, history, religion, things and life. Because their thought has shaped our sense of ourselves so fundamentally, Michel Foucault has referred to these three authors as discourse-founders. As such they will be treated in this class. Special attention will be paid to the affinities and competition among their approaches. Secondary sources will be subject to short presentations (in English) of those students capable of reading German.

### 3. CLGR4250GU: Aesthetics and Philosophy of History (in English)

This course offers an introduction to German intellectual history by focusing on the key texts from the 18th and 19th century concerned with the philosophy of art and the philosophy of history. Instead of providing a general survey, this thematic focus that isolates the relatively new philosophical subspecialties allows for a careful tracing of a number of key problematics. The texts chosen for discussion in many cases are engaged in lively exchanges and controversies. Readings are apportioned such that students can be expected to fully familiarize themselves with the arguments of these texts and inhabit them.

Electives: In addition, students take elective courses to be chosen from the following list of classes. They can also petition for other elective courses to count toward the minor, dependent on approval by the DUS of German.

Approved electives:



PHIL UN 2301 History of Philosophy: Kant-Nietzsche

PHIL UN 3251 Kant

PHIL UN 3264 19th Century Philosophy: Hegel

PHIL UN 3351 Phenomenology & Existentialism

CLGR GU4215 Spirit and Ghosts from Kant to Marx

CLGR GU 4420 Walter Benjamin

CLGR GU 4130 Literary Theory: Nietzsche-Agamben

CLGR GU 4251 Kant with Arendt (NEW COURSE PENDING APPROVAL)

## Minor in Yiddish Studies

### 3 Separate Minor Tracks Available:

The Yiddish minor is designed as a combination of five courses with three separate tracks:

5 courses (= minimum of 15 points)

- 1) Minor in Yiddish Language: 5 language courses;
- 2) Minor in Yiddish Language and Literature: a combination of language and content courses;
- 3) Minor in Yiddish Culture: 5 content courses.

### Requirements:

#### 1. Courses required for Minor in Yiddish Language:

##### *Requirement: Five Language Courses*

YIDD 1101 UN Elementary Yiddish I 4 points

YIDD 1102 UN Elementary Yiddish II 4 points

This year-long course offers an introduction to the language that has been spoken by the Ashkenazi Jews for more than a millennium, and an opportunity to discover a fabulous world of Yiddish literature, language and culture in a fun way. Using games, new media, and music, we will learn how to speak, read, listen and write in a language that is considered one of the richest languages in the world (in some aspects of vocabulary). We will also venture outside the classroom to explore the Yiddish world today: through field trips to Yiddish theater, Yiddish-speaking neighborhoods, Yiddish organizations, such as YIVO or Yiddish farm, and so on. We will also have Yiddish-speaking guests and do a few digital projects. At the end of the two-semester course, you will be able to converse in Yiddish on a variety of everyday topics and read most Yiddish literary and non-literary texts. Welcome to Yiddishland!

YIDD 2101 UN Intermediate Yiddish I 4 points

YIDD 2102 UN Intermediate Yiddish II 4 points

Prerequisites: YIDD UN1101-UN1102 or the instructor's permission.

Prerequisites: YIDD UN1101-UN1102 or the instructor's permission.

This year-long course is a continuation of Elementary Yiddish II. As part of the New Media in Jewish Studies Collaborative, this class will be using new media in order to explore and research the fabulous world of Yiddish literature, language, and culture, and to engage in project-oriented activities that will result in creating lasting multi-media online presentations. In addition to expanding the command of the language that has been spoken by the Ashkenazi Jews for more than a millennium, i.e. focusing on developing speaking, reading, writing and listening skills, and on the acquisition of more advanced grammatical concepts, students will also get some video and film editing training, and tutorials on archival research. The class will continue to read works of Yiddish literature in the original and will venture outside of the classroom to explore the Yiddish world today: through exciting field trips to Yiddish theater, Yiddish-speaking neighborhoods, YIVO, Yiddish Farm, and so on. And we will also have the Yiddish native-speaker guest series. Welcome back to Yiddishland!

YIDD 3101 UN Advanced Yiddish 3 points

This course focuses predominantly on developing reading comprehension skills, as well as on listening, writing, speaking, and some more advanced grammar. It explores literary and scholarly texts examining the modern Jewish experience in the context of the twentieth-century history and culture of the Ashkenazi Jews. Supplementary texts will be selected based on students' interests and may include historical pedagogical materials, past and present newspaper articles, polemic, poetry, historical and scholarly articles. We will also venture outside the classroom to explore the Yiddish world today: through field trips to Yiddish theater, Yiddish-speaking neighborhoods, Yiddish organizations, such as YIVO, and so on. We will apply our reading and translating skills to contribute to the Mapping Yiddish New York online project, and will also have Yiddish-speaking guests. At the end of the semester, you will be able to converse in Yiddish on a variety of everyday topics and read authentic Yiddish literary and non-literary texts. Welcome back to Yiddishland!

Please note: Study abroad courses (such as the Naomi Fellowship run by Yiddish Studies Program) can count towards the minor fulfilment as well.

#### 2. Courses required for Minor in Yiddish Language and Literature

*Requirement: Combination of language and content courses: at least 15 points (see below).*

- 2 language courses at Elementary and/or Intermediate levels (listed above), and 3 elective content courses (listed below), at least two of which are literature courses: at least 17 points.

OR

- 1 language course at Advanced level (listed above) and 4 elective content courses (listed below), at least two of which are literature courses: at least 15 points.

### **3. Courses required for the Minor in Yiddish Culture**

***Requirement: Five elective content courses: at least 15 points.***

Selected from the list below, with at least three of being literature courses: at least 15 points.

The courses in Yiddish literature, culture and Jewish history, whether taught in Yiddish, English, or a combination of the English and Yiddish texts and English language instruction will expose students to modern global Yiddish/Jewish cultures from a number of methodological and disciplinary perspectives.

Please see chart below for recommended elective content courses for:

2) Minor in Yiddish Language and Literature

3) Minor in Yiddish Culture\*

1. YIDD UN3500: Survey of Yiddish Literature
2. CLYD UN3500: Readings in Yiddish Literature
3. YIDD GU4420: Gender & Sexuality in Yiddish Literature
4. CLYD UN4200 : American Jewish Literature: Survey
5. CLYD GU4250: Memory and Trauma in Yiddish Literature
6. YIDD UN3520: Magic & Monsters in Yiddish Literature
7. HIST UN3657: Medieval Jewish Cultures
8. HIST UN3644: Modern Jewish Intellectual History
9. HIST UN3630: American Jewish History
10. HIST UN4604: Jews and the City

\*The above list is “recommended” and not “required” since there are only two full-time Yiddish faculty members at the Department of Germanic Languages, and the courses are offered in rotation. This option also allows students to choose courses aligned with their interests and research needs. All the literature courses are taught by the Yiddish faculty at the Department of Germanic Languages, other courses are taught by faculty in History, Slavic, and Religion Departments.

The Yiddish minor requirement can be fulfilled by choosing from the list of approved courses (listed here and on the departmental website) in consultation with a Yiddish Advisor – either Director of Undergraduate Studies (DUS) or the Director of the Yiddish Language Program (DLP), preferably during the first two years of undergraduate studies. All courses have to be approved in advance by the Yiddish Advisor, who will make sure student minor design (particularly in case of Minor in Yiddish Language and Literature and Minor in Yiddish Culture) offers a solid foundation in Yiddish language, literature, and culture.

The Yiddish Advisor is in contact with the faculty outside of the Germanic Languages Department in order to consult,

collaborate, and monitor the student progress towards the minor, the same model being applied in regard to the Yiddish Major. Many of the Columbia faculty teaching Jewish studies content courses are also affiliated with the Institute for Israel and Jewish Studies, which not only provides students and other departments with information about Jewish/Yiddish studies courses offered across the university on a regular basis, but it also facilitates networking and collaborations between the faculty.

#### **List of all elective content courses for the Yiddish Minor:**

YIDD GU4101 INTRODUCTION TO YIDDISH STUDIES

YIDD UN3500 SURVEY OF YIDDISH LIT

CLYD UN4200 AMER JEWISH LIT: SURVEY

CLYD UN3600 HOLOCAUST LITERATURE: SURVEY

YIDD GU4550 YIDD THEATER: TEXT & PERFORMANCE

YIDD UN4401 MODERN YIDDISH POETRY

YIDD GU4200 THE FAMILY SINGER

YIDD GU4675 LIFE WRITING IN YIDD LIT

YIDD GU4420 GENDER & SEXUALITY IN YIDD LIT

CLYD GU4460 HORROR STORY: JEWS & OTHERS

YIDD UN3520 MAGIC & MONSTERS IN YIDD LIT

CLYD UN3500 READINGS IN YIDD LIT

YIDD UN3800 READINGS IN YIDD LIT

YIDD UN3360 MODERN YIDDISH LIT & CULTURE

WMST GU4310 CONT AMER JEWISH WOMEN’S LIT 1990 TO PRESENT

CLYD GU4250 MEMORY AND TRAUMA IN YIDDISH LIT

YIDD GU4995 EXPLORING YIDDISHLAND: CULTURE, TIME, SPACE

YIDD GU4113 YIDDISH FOR ACADEMIC PURPOSES

YIDD GU4114 YIDDISH FOR ACADEMIC PURPOSES II

HIST UN2611 JEWS AND JUDAISM IN ANTIQUITY

HIST UN3603 INTRL & GLOBAL HISTORY OF JEWISH MIGRATION

HIST UN3645 SPINOZA TO SABBATAI: JEWS IN EARLY MODERN EUROPE

HIST UN3657 MEDIEVAL JEWISH CULTURES

HIST UN3644 MODERN JEWISH INTELLECTUAL HISTORY

HIST UN3630 AMERICAN JEWISH HISTORY

HIST UN4281 CULTURE IN POLISH LANDS

HIST UN4641 HOLOCAUST & GENOCIDE IN AMERICAN CULTURE

HIST UN4610 ANCIENT JEWS AND THE MEDITERRANEAN

HIST UN4604 JEWS AND THE CITY

RELI UN4513 HOMELANDS, DIASPORAS, PROMISED LANDS

RELI UN4505 THE BEGINNINGS OF JEWISH MYSTICISM

MUSI UN2030 JEWISH MUSIC OF NEW YORK

RELI UN2306 INTRO TO JUDAISM

RELI GU4509 CRIME AND PUNISHMENT IN JEWISH CULTURE

RELI UN3571 JUDAISM, JEWISHNESS, AND MODERNITY

RELI GU4524 THEORIES OF THE UNCONSCIOUS AND JEWISH THOUGHT

RELI GU4522 PRODUCTION OF JEWISH DIFFERENCE FROM ANTIQUITY TO PRESENT

RELI GU4308 JEWISH PHILOSOPHY AND KABBALAH

RELI GU4637 TALMUDIC NARRATIVE

WMST GU4301 EARLY JEWISH WOMEN IMMIGRANT WRITERS

WMST GU4302 THE SECOND WAVE AND JEWISH WOMEN'S ARTISTIC RESPONSES 1939-1990

\*Since the above list of elective courses is so expansive, the additional course descriptions can be provided upon request.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before the 2023-2024 academic year. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Concentrations are not available to students who entered Columbia in or after Fall 2024.

## Concentration in German Literature and Cultural History

The concentration in German literature and cultural history requires a minimum of 21 points in German courses.

GERM UN3333 INTRO TO GERMAN LIT (GERMAN)

At least one of the period survey courses in German literature and culture

GERM UN3442 Literature in the 18th and 19th Centuries

GERM UN3443 SURVEY OF GERMAN LIT:19C (GER)

GERM UN3444 SURVEY OF GERMAN LIT:20C (GER)

GERM UN3445 German Literature After 1945 [In German]

GERM UN3991 Advanced Topics in German Literature

The remaining courses to be chosen from the 3000- or 4000-level offerings in German and Comparative Literature in consultation with the Director of Undergraduate Studies

## Concentration in Yiddish Studies

The concentration in Yiddish studies requires a minimum of 21 points, distributed as follows:

1. **Two courses of advanced language study** (6 points); YIDD UN3101, YIDD UN3102
2. **Two courses in Yiddish literature** (6 points); e.g. YIDD UN3500, YIDD GU4420
3. **Three related courses, at least one of which is in medieval or modern Jewish history** (9 points); e.g. HIST UN4604, YIDD GU4113.

## Special Concentration in German for Columbia College and School of General Studies Students in STEM fields

The special concentration in German requires a minimum of 15 points.

GERM UN3333 INTRO TO GERMAN LIT (GERMAN)

At least one of the period survey courses in German Literature and Culture

GERM UN3442 Literature in the 18th and 19th Centuries

GERM UN3443 SURVEY OF GERMAN LIT:19C (GER)

GERM UN3444 SURVEY OF GERMAN LIT:20C (GER)

GERM UN3445	German Literature After 1945 [In German]
GERM UN3991	Advanced Topics in German Literature
Two courses to be chosen from the 3000- or 4000-level (taught in German or English) offerings in German and Comparative Literature German in consultation with the Director of Undergraduate Studies	

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# HISTORY

## THE HISTORY DEPARTMENT:

Department website: <http://www.history.columbia.edu/>

Office location: 413 Fayerweather Hall

Office contact: 212-854-4646, [history@columbia.edu](mailto:history@columbia.edu)

Director of Undergraduate Studies: Prof. Paul Chamberlin / [dus-history@columbia.edu](mailto:dus-history@columbia.edu)

Undergraduate Administrator: Michael Adan / [undergraduate-history@columbia.edu](mailto:undergraduate-history@columbia.edu)

## THE STUDY OF HISTORY

The History undergraduate curriculum covers most areas of the world and most periods of history. Our courses explore various methodologies, a wide range of ways of writing history, and different approaches to the past. We emphasize no one approach to history and insist upon no single interpretive model. Thinking historically is an analytical skill of increasing value in an epoch dominated by short-term perspectives.

The History Department offers a major, concentration, and minor in history. Each degree enables students to achieve a deeper and broader knowledge of a particular field of history, while also developing the kinds of analytical and writing skills important in many areas of life. The heart of the undergraduate major is the senior thesis seminar, a small-group course in which students work closely with an individual faculty member on some subject. Undergraduate majors are not required to write a senior thesis, however in order to receive departmental honors a senior thesis must be completed. Each year the department offers 3 to 4 sections of Senior Thesis Seminar and students have the flexibility to work on any subject that they choose.

## STUDENT ADVISING

### Consulting Advisers

The History Department does not assign individual advisors providing the Undergraduate Education Committee (UNDED) for student advising. The UNDED, which consists of full-time faculty members, are ready to help undergraduates understand degree requirements, choose a specialization, guide students toward appropriate courses, and simply discuss students' experiences. Students may see any member of UNDED for advising concerns. UNDED advisors also approve a History student's Plan of Study, which serves as the course plan for students and lists the courses required to earn a History degree.

UNDED advisors hold office hours during the fall and spring terms and membership of UNDED changes from year to year, therefore please consult the department's website for an up-to-

date roster. History students are strongly encouraged to meet with an UNDED advisor at least twice, during the fall of their junior year and the fall of their senior year.

The undergraduate open house is held in February of each academic year. It serves as an opportunity for students to learn more about the History program from the DUS, UA, current students, and alumni.

## Enrolling in Classes

History courses fall into two types, lectures and seminars. Though almost all of these courses do not require placement exams, some seminars might require an application to join.

**LECTURES** meet twice a week for 1 hour and 15 minutes each session and have additional required discussion sections that meet once a week. Lectures range from the very large (over 300 students) to the very small (fewer than 25). Most lecture courses require a midterm and a final examination; many also require written assignments and final papers. For identification purposes, history lectures are numbered at the 1000 or 2000 level (exceptions exist for courses taught in the summer, which are sometimes listed at the 3000 level).

**SEMINARS** are smaller, more intensive courses that explore focused topics through concentrated reading in secondary literature, primary-source research, or both. They meet once a week for 1 hour and 50 minutes. The workload for seminars is generally heavier than for lectures, with more reading and more written work. Seminars normally do not have a final examination but often require a substantial paper. In many cases, admission to a seminar requires approval from the instructor and can include an application. History seminars are numbered at the 3000-level (all undergraduate) or 4000-level (undergraduate and graduate). Some summer courses listed at the 3000 level may be lectures and do not qualify as seminars.

## Preparing for Graduate Study

TBA

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

Advanced Placement courses from High School or British A-levels do not count as History courses or towards the major, concentration, or minor.

## Barnard College Courses

Barnard College courses offered through the Barnard History Department are eligible to count towards the Columbia History major, concentration, or minor.



## Transfer Courses

The History department allows up to 3 courses outside of Columbia University to count towards the major (up to 2 for concentrators and minors), to which no more than 2 may be applied toward the specialization. These courses consist of transfer courses and/or study abroad courses.

Transfer courses taken at an accredited college in the United States must first be evaluated and approved by a student's home school before consideration to count towards the History major, concentration or minor. Students who wish to apply transfer courses to the major, concentration or minor should submit a transfer credit request to the History Department (undergraduate-history@columbia.edu).

To submit a transfer credit request with the History Department, students must submit an application that includes the following:

- Completed departmental transfer credit form
- Transcript from course institution showing course grade
- Course syllabi
- Current Plan of Study
- An official Columbia PDF transcript is required for students that have not officially declared History as their major or concentration.
- Available coursework from the courses, such as papers or exams (for courses outside the United States)

Transfer credit request form and details can be found on the History Departments transfer credit page [here](#).

## Study Abroad Courses

The History department allows up to 3 courses outside of Columbia University to count towards the major (up to 2 for concentrators and minors), to which no more than 2 may be applied toward the specialization. These courses consist of transfer courses and/or study abroad courses.

History majors, concentrators and minors may choose to study abroad as part of their undergraduate education. This is typically done during the junior year for one term. A period of study overseas offers history students excellent opportunities to develop language skills as well as begin research projects that may be developed into a senior thesis. Members of UNDED will be happy to discuss with students their plans and how they fit both intellectual goals and program requirements. Please note that courses are formally approved by the department only after you have returned and a transfer credit request has been submitted. Students who wish to apply study abroad courses to the major, concentration or minor should submit a transfer credit request to the History Department (undergraduate-history@columbia.edu).

To submit a transfer credit request with the History Department, students must submit an application that includes the following:

- Completed departmental transfer credit form
- Transcript from course institution showing course grade
- Course syllabi
- Current Plan of Study
- An official Columbia PDF transcript is required for students that have not officially declared History as their major or concentration.
- Available coursework from the courses, such as papers or exams (for courses outside the United States)

Transfer credit request form and details can be found on the History Departments transfer credit page [here](#).

## Summer Courses

History (HIST) summer courses taken through the School of Professional Studies are eligible to count towards the major, concentration, or minor.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

History students are encouraged to strengthen their analytical and writing skills which can be achieved through seminars. History seminars explore focused topics through concentrated reading in secondary literature, primary-source research, or both. The workload for seminars is generally heavier than lectures with more reading and more written work. Seminars normally do not have a final examination but often require a substantial paper. It is recommended that students begin taking seminars their second year and at the 3000-level. Seminars at the 4000-level consist of both undergraduate and graduate students.

Some seminars have prerequisites, which are noted in the directory course listing. In many cases, students must receive permission from the instructor prior to registering for a seminar.

### Senior Thesis Coursework and Requirements

History majors have the option of writing a senior thesis over one or two terms. This process involves original research, normally with extensive use of primary materials. The department encourages students with a strong interest in a particular subject to consider a thesis and strongly advises all students considering an academic career to write one.

Students are advised to begin thinking about whether they wish to write a thesis, and about possible topics by the start of junior year. Applications to join the year-long Senior Thesis Seminar are due during the spring semester of a student's junior

year. Students writing a senior thesis must take at least 1 HIST seminar by the fall of their senior year.

Alternatively, students who wish to work with a member of the department on an individual basis may register for a one or two-term independent senior thesis section for 2-4 credits per term. Students who pursue this option should identify an appropriate supervisor (History Department faculty member) and submit a short proposal, approved by the supervisor, to the History Department before the beginning of the thesis term. Independent theses cannot be considered for honors and prizes consideration.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

The Undergraduate Education Committee (UNDED) awards departmental honors on the basis of a high major grade point average (at least 3.6) as well as an excellent senior thesis. Students must also have an overall GPA of at least 3.6. The committee takes into account the depth and breadth of the program of study for each honors candidate. Normally, no more than 10% of graduating majors receive Departmental Honors.

### Academic Prizes

Senior Thesis Seminar writers have the opportunity to submit their thesis for prizes given by the History Department, the College, and General Studies. Prizes not administered by the department are also available and details can be found through your school's academic affairs office.

## OTHER IMPORTANT INFORMATION

To be added

### PROFESSORS

Baics, Gergely (Barnard)  
 Barkan, Elazar (SIPA)  
 Berghahn, Volker (emeritus)  
 Billows, Richard  
 Blackmar, Elizabeth  
 Blake, Casey  
 Brown, Christopher  
 Bulliet, Richard (emeritus)  
 Cameron, Euan (UTS - emeritus)  
 Carlebach, Elisheva  
 Carnes, Mark (Barnard)  
 Çelik, Zeynep  
 Chauncey, George  
 Coatsworth, John (Provost emeritus)  
 Connelly, Matthew  
 de Grazia, Victoria (emerita)  
 Delbanco, Andrew (English and Comparative Literature)  
 Diouf, Mamadou (Middle Eastern, South Asian, and African Studies)  
 Dye, Alan (Barnard)

Evtuhov, Catherine  
 Fields, Barbara  
 Foner, Eric (emeritus)  
 Force, Pierre (French and Romantic Philology)  
 Gluck, Carol (emerita)  
 Guridy, Frank  
 Hallett, Hilary  
 Howell, Martha (emerita)  
 Hymes, Robert (East Asian Language and Cultures)  
 Jackson, Kenneth (emeritus)  
 Jacoby, Karl  
 John, Richard (Journalism)  
 Katznelson, Ira (Political Science)  
 Kaye, Joel (Barnard, emeritus)  
 Kessler-Harris, Alice (emerita)  
 Khalidi, Rashid (emeritus)  
 Kim, Lisbeth Brandt (East Asian Languages and Cultures)  
 Ko, Dorothy (Barnard)  
 Kosto, Adam  
 Leach, William (emeritus)  
 Lean, Eugenia Y., (East Asian Languages and Cultures)  
 Li, Feng (East Asian Languages and Cultures)  
 Lilla, Mark (Religion)  
 Lomnitz, Claudio (Anthropology)  
 Ma, John (Classics)  
 Mann, Gregory  
 Mazower, Mark  
 McCurry, Stephanie  
 Milanich, Nara (Barnard)  
 Moya, Jose (Barnard)  
 Naylor, Celia (Barnard)  
 Ngai, Mae  
 Pedersen, Susan  
 Pflugfelder, Gregory (East Asian Languages and Cultures)  
 Phillips-Fein, Kim (DGS)  
 Piccato, Pablo (Chair)  
 Robcis, Camille  
 Rosenberg, Rosalind (Barnard)  
 Rosner, David (Mailman School of Public Health)  
 Saada, Emmanuelle (French and Romance Philology)  
 Schama, Simon (University Professor)  
 Schwartz, Seth  
 Smith, Pamela  
 Somerville, Robert (emeritus)  
 Stanislawski, Michael  
 Stephanson, Anders  
 Stephens, Rhiannon  
 Tiersten, Lisa (Barnard)  
 Tooze, Adam  
 Tuttle, Gray (East Asian Languages and Cultures)  
 Valenze, Deborah (Barnard)  
 Van, Marc de Mierop  
 Weiman, David (Barnard College)  
 Wennerlind, Carl (Barnard)  
 Witgen, Michael  
 Wortman, Richard (emeritus)

Zelin, Madeleine (East Asian Languages and Cultures)

## ASSOCIATE PROFESSORS

Ahmed, Manan  
Baics, Gergely (Barnard)  
Barraclough, Ruth  
Chamberlin, Paul (DUS)  
Chazkel, Amy  
Coleman, Charly  
Elshakry, Marwa  
Erickson, Ansley (Teachers College)  
George, Abosede (Barnard)  
Haley, Sarah  
Kim, Lisbeth Brandt (East Asian Languages and Cultures)  
Kobrin, Rebecca  
Lightfoot, Natasha  
Lurie, David (East Asian Languages and Cultures)  
Mazurek, Malgorzata  
Milanich, Nara (Barnard)  
Nguyen, Lien-Hang  
Pflugfelder, Gregory (East Asian Languages and Cultures)  
Pizzigoni, Caterina  
Rao, Anupama (Barnard)  
Roberts, Samuel  
Senocak, Neslihan  
Sivaramakrishnan, Kavita (Mailman School of Public Health)  
Tuttle, Gray (East Asian Languages and Cultures)  
Wennerlind, Carl (Barnard)

## ASSISTANT PROFESSORS

Chowkwanyun, Merlin (Mailman School of Health)  
Delvaux, Matthew (Barnard)  
Farber, Hannah  
Karjoo-Ravary, Ali (Summer Sessions Representative)  
Kreitman, Paul (East Asian Languages Cultures)  
Lipman, Andrew (Barnard)  
Ramgopal, Sailakshmi  
Ramnath, Kalyani  
#en, A.Tunç  
Skorobogatov, Yana  
Stafford, James  
Steingart, Alma

## LECTURERS (ADJUNCT FACULTY)

DeVinney, Joslyn  
Dubler, Roslyn  
Giordani, Angela  
Salgado, Alfonso  
Wayno, Jeffrey

## VISITING FACULTY

Edhem Eldem, *Visiting Professor*, History (Fall and Spring)

Benedicte Sère, part-time *Visiting Associate Professor*, History (Fall and Spring)

Marian Cavalcanti, *Edward Larocque Tinker Visiting Professor*, History and ILAS (*Spring*)

Gabor Egry, *Istvan Deak Visiting Professor*, History and Harriman Institute (Fall and Spring)

## ON LEAVE

**Fall 2024:** Blackmar, Chauncey, Elshakry, Evtuhov, Jacoby, Kreitman, Lightfoot, Lurie, Mazurek, Ngai, Pedersen, Rao, Robcis, Senocak, Stafford, Stephanson, Witgen, Zelin,

**Spring 2025:** Blackmar, Elshakry, Evtuhov, Jacoby, Kobrin, Kreitman, Lightfoot, Lurie, Naylor, Ngai, Pedersen, Robcis, Senocak, Stafford, Stephanson, Witgen

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE HISTORY DEPARTMENT

### Program Planning for all Students

### Course Numbering Structure

History courses are typically offered as a lecture or a seminar.

Lectures meet twice a week for 1 hour and 15 minutes each session and have additional required discussion sections that meet once a week and are numbered at the 1000-level and 2000-level below:

- UN 1xxx - Introductory Survey Lectures
- UN 2xxx - Undergraduate Lectures

Seminars are smaller, more intensive courses that explore focused topics through concentrated reading in secondary literature, primary-source research, or both. The workload for seminars is generally heavier than for lectures, with more reading and more written work often requiring a substantial paper. Seminars are numbered at the 3000-level and 4000-level below:

- UN 3xxx - Undergraduate Seminars
- GU 4xxx - Joint Undergraduate/Graduate Seminars

History subject fields are numbered below (with some exceptions):

- x000-x059: Ancient
- x060-x099: Medieval
- x100-x199: Early modern Europe
- x200-x299: East Central Europe
- x300-x399: Modern Western Europe

- x400-x599: United States
- x600-x659: Jewish
- x660-x699: Latin America
- x700-x759: Middle East
- x760-x799: Africa
- x800-x859: South Asia
- x860-x899: East Asia
- x900-x999: Research, historiography, and transnational

## Guidance for First-Year Students

Students interested in a History degree should first take a look at the department's [Undergraduate Handbook](#) which details the requirements of the major, concentrator, and minor in History.

In regards to courses and where to begin, the History curriculum does not have a set course plan or “one size fits all” for History students. Every major, concentrator, and minor will have the opportunity to choose a field to specialize in to which their course plan will be created on a Plan of Study based on that specialization.

What is recommended to all first-year students interested in history is to begin with a lecture at the 1000 or 2000 level that captures their interest. From there they proceed to a seminar related to that initial lecture and/or more lectures as they begin building History courses for their Plan of Study.

## Guidance for Transfer Students

Students transferring into Columbia should first take a look at the department's [Undergraduate Handbook](#) which details the requirements of the major, concentrator, and minor in History.

After familiarizing themselves with the History program, transfer students should consider submitting a transfer credit request for history courses taken at their previous institution. In addition, transfer students should meet with an Undergraduate Education Committee (UNDED) advisor to go over and create a Plan of Study to set a course plan in place.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

All History students are required to choose and complete a “specialization”. The specialization is a set of courses on a specific field, theme, or subject. In most cases, the regional specialization must be bound by a time period; for example, “20th Century U.S. History” as opposed to just “U.S. History”.

To determine which History courses fulfill a specialization, students should consult an Undergraduate Education Committee (UNDED) advisor.

Students interested in a thematic specialization (e.g. Environmental History) should consult an Undergraduate Education Committee (UNDED) advisor.

All program course plans are organized through a student's Plan of Study, which is approved by an UNDED advisor.

## Major in History

The History major is an opportunity for students to pursue their intellectual interests, whether in a specific or multiple fields in history. Students will establish an understanding of various methodologies and approaches to reading and writing history and also acquire skills such as critical thinking, research and analysis, synthesizing large amounts of information, and writing.

The total number of History courses required to complete the major is 9, most of which will be 4-points, and are created through a student's Plan of Study. Courses eligible to count toward the major are below:

- Courses in the History Departments of both Columbia and Barnard (HIST and HIST BC)
- Cross-Listed courses for a specific term (found in the Columbia College Bulletin)
- Transfer courses accepted through a transfer credit request.
- Graduate courses taught by History Department faculty

With advice and approval from the Undergraduate Education Committee (UNDED), students will create a Plan of Study, which serves as the course plan for their degree.

As mentioned, the History major requires 9 total courses listed on a Plan of Study approved by an UNDED advisor. The Plan of Study courses breakdown is below:

**SPECIALIZATION COURSES** are courses directly related to a student's chosen specialization. (4 specialization courses required)

**BREADTH COURSES** are courses taken outside of a student's specialization. They are broken down into two categories: time and space.

- Removed in Time: course covering a time period far removed from their specialization. (1 removed-in-time course required)
- Removed in Space: courses in regions removed from their chosen specialization. (2 removed-in-space courses required)



**ADDITIONAL HISTORY COURSES.** These courses are History courses that do not have to fit a specific requirement. (2 additional courses required)

**SEMINAR REQUIREMENT.** Of the 9 courses, at least 2 of them must be History seminars, with at least one of them being a seminar in specialization.

## Minor in History

The History minor serves as an introduction to the discipline affording students from other programs the opportunity to pursue their intellectual interests, whether in a specific or multiple fields. Through the minor students will establish an understanding of various methodologies and approaches to reading and writing history. Through the courses taken within History minor students will also acquire skills such as critical thinking, research and analysis, synthesizing large amounts of information, and writing.

The total number of History courses required to complete the minor is 5, most of which will be 4-points. Courses eligible to count toward the minor are below:

- Courses in the History Departments of both Columbia and Barnard (HIST and HIST BC)
- Cross-Listed courses for a specific term (found in the Columbia College Bulletin)
- Graduate courses taught by History Department faculty

With advice and approval from the Undergraduate Education Committee (UNDED), students will create a Plan of Study, which serves as the course plan for their degree.

As mentioned, the History minor requires 5 total courses listed on a Plan of Study approved by an UNDED advisor. The Plan of Study courses breakdown is below:

**SPECIALIZATION COURSES** are courses directly related to a student's chosen specialization. (2 specialization courses required)

**ADDITIONAL HISTORY COURSES.** These courses are History courses that do not have to fit a specific requirement. (3 additional courses required)

**BREADTH REQUIREMENT.** Of the 5 courses, at least 1 of them must be a course taken pre-1500 or post-1500.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in History

The History concentration offers an opportunity to students from other programs the opportunity to pursue their intellectual interests, whether in a specific or multiple fields in history. Through the concentration students will establish an understanding of various methodologies and approaches to reading and writing history. Through the courses taken within History concentration students will also acquire skills such as critical thinking, research and analysis, synthesizing large amounts of information, and writing.

The total number of History courses required to complete the minor is 6, most of which will be 4-points. Courses eligible to count toward the minor are below:

- Courses in the History Departments of both Columbia and Barnard (HIST and HIST BC)
- Cross-Listed courses for a specific term (found in the Columbia College Bulletin)
- Transfer courses accepted through a transfer credit request.
- Graduate courses taught by History Department faculty

With advice and approval from the Undergraduate Education Committee (UNDED), students will create a Plan of Study, which serves as the course plan for their degree.

As mentioned, the History concentration requires 6 total courses listed on a Plan of Study approved by an UNDED advisor. The Plan of Study courses breakdown is below:

**SPECIALIZATION COURSES** are courses directly related to a student's chosen specialization. (3 specialization courses required)

**BREADTH COURSES** are courses taken outside of a student's specialization. They are broken down into two categories: time and space.

- Removed in Time: course covering a time period far removed from their specialization. (1 removed-in-time course required)
- Removed in Space: courses in regions removed from their chosen specialization. (1 removed-in-space course required)

**ADDITIONAL HISTORY COURSES.** The sixth course required for a History concentration does not have to fit a specific requirement. (1 additional courses required)



# SCIENCE AND SOCIETY

The Science and Society minor is an interdisciplinary collection of courses for students who wish to explore critical approaches to and societal implications of science, technology, health, and environment. The aim of the minor is to equip students in all fields, whether humanities, social sciences, or STEM disciplines, to critically interact with both new developments and long histories of science and technology, enabling them make sense of and intervene on societal grand challenges on individual, community, and global scales.

The Science and Society minor is informed by the existing field of Science and Technology Studies (STS), an established interdisciplinary field that leverages methods and theories from the social sciences and humanities to interrogate the impacts not only of science and technology on society and culture but also of society and culture on science and technology.

## FACULTY INFORMATION - TO BE UPDATED

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

The Science and Society minor is comprised of one required introductory course and additional courses offered by a variety of departments at Columbia and Barnard. For advising, consult with the Director of Undergraduate Studies, Dr. Madi Whitman.

## UNDERGRADUATE PROGRAMS OF STUDY

### Minor in Science and Society

- [HIST/SCSO UN2972: Unsettling Science](#) (1)
- Method or theory course (1)
  - Can be drawn from a number of departments, e.g., anthropology, sociology, history, the natural sciences
- Electives (3)
  - Students are encouraged to select electives according to chosen tracks (e.g., history of science, environmental health, race and technology) in consultation with the Director of Undergraduate Studies and affiliated Science and Society faculty. See the list of courses for the current semester for examples of elective courses.

# HUMAN RIGHTS

## THE HUMAN RIGHTS DEPARTMENT

Program Office: Institute for the Study of Human Rights; 61 Claremont Ave (Interchurch Center), 3rd floor; 646-745-8577; [uhrp@columbia.edu](mailto:uhrp@columbia.edu)

Departmental Website: <http://humanrightscolumbia.org/education/undergraduate>

Director of Undergraduate Studies: Prof. Glenn Mitoma, [gtm2136@columbia.edu](mailto:gtm2136@columbia.edu)

Deputy Director, ISHR: Gergana Halpern, [gh2410@columbia.edu](mailto:gh2410@columbia.edu)

Undergraduate Education Manager: Julia Mannes, [jmm2447@columbia.edu](mailto:jmm2447@columbia.edu)

## THE STUDY OF HUMAN RIGHTS

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 minor in human rights (and a concentration for students who entered Columbia prior to the 2024-25 academic year). It provides students the opportunity to deepen their knowledge and explore their interests in human rights outside the classroom, and works to strengthen and support the undergraduate human rights community on campus. More information on academic and extracurricular events, opportunities, and resources for undergraduate human rights students is available on the program's website. For an advising appointment, please e-mail [uhrp@columbia.edu](mailto:uhrp@columbia.edu).

## STUDENT ADVISING

### Consulting Advisers

Prior to each semester, students should submit a major, minor, or concentration worksheet. These worksheets are also available on the ISHR undergraduate program website. Students may also e-mail [uhrp@columbia.edu](mailto:uhrp@columbia.edu) to set up an advising appointment.

### Enrolling in Classes

Students are encouraged to take Introduction to Human Rights (HRTS UN 3001) early in their studies, if possible.

We offer a selection of human rights courses at the 3000- and 4000-level. Courses offered by other schools or departments, which are pre-approved for the degree can be found on our [undergraduate course list](#).

If you have questions about course approvals or enrollment in HRTS classes, please email [UHRP@columbia.edu](mailto:UHRP@columbia.edu).

## Preparing for Graduate Study

Students interested in pursuing graduate human rights studies may be interested in applying for the Human Rights Studies B.A./M.A. option. Applicants should apply the semester before the one in which they intend to begin taking courses that will count toward the M.A. For information on how to apply for the Human Rights Studies Master of Arts (HRSMA) program and relevant deadlines, please visit this [page](#). All students would complete the 30 credit points and 2 Residence Units required of the M.A. program, but the joint option allows students to receive an M.A. one semester earlier than would normally be possible. Please refer to the [B.A./M.A. page](#) of the website for additional information.

Students are also encouraged to review the information below pertaining to the Human Rights Research Award, the Senior Thesis Track, and other Professional Development resources, which may be of interest to those planning to pursue graduate studies.

## DEPARTMENTAL HONORS AND SENIOR THESIS

### Departmental Honors

To be eligible for departmental honors, a student must satisfy all the requirements for the major, maintain a 3.6 GPA in the major, maintain an overall GPA of 3.6, and complete a thesis of sufficiently high quality to merit honors. A thesis is required for all students who wish to be considered for honors, but does not guarantee honors. Students who graduate in October, February, or May of a given academic year are eligible for honors consideration in May. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

Students interested in writing a thesis for honors consideration complete a two semester course sequence during their final year of study. In the fall, students take HRTS UN3994 Human Rights Senior Seminar: Research Methods, which introduces students to various research methods and guides them through the proposal development process. In the spring, students take HRTS UN3996 Human Rights Thesis Seminar. This course will consist of group sessions, where students will present their work and participate in discussions, as well as individual meetings with their thesis supervisor, who is also the course instructor.

Students are encouraged to write a thesis, but they should not do so solely to be eligible for honors consideration. Rather, students should consider enrolling in the thesis seminar in order to demonstrate their capacity to produce a work of original research and develop more specialized knowledge of a human rights issue. You can learn more about specific timelines for

Thesis application at <https://www.humanrightscolumbia.org/education/undergraduate/human-rights-major>.

## Undergraduate Research Opportunities

### Human Rights Research Award

In addition to the Senior Thesis Track, the ISHR Human Rights Research Award provides students with an opportunity to gain valuable research experience, while supporting the work of Columbia faculty conducting human rights-related research. Students who receive the Award are expected to complete approximately 80-120 hours of research assistance during the academic year. The research opportunities selected for each academic year are circulated to students in the Fall semester. ISHR will award one stipend per research opportunity in the amount of \$1,500. Priority will be given to HRSMA and UHRP students. Please visit our [financial resources page](#) for this and other opportunities.

## Academic Prizes and Professional Development

ISHR fosters undergraduate students' academic and professional development by awarding prizes and stipends, organizing events and activities with human rights practitioners and experts, and connecting students with resources related to the human rights field. Specifics are available on our [Professional Development and Financial Resources](#) page.

Jo Becker (Adjunct Associate Professor of International and Public Affairs)

Louis Bickford (Adjunct Professor of Political Science)

Michael Bochenek (Adjunct Associate Professor)

Noah Chasin (Adjunct Associate Professor)

Belinda Cooper (Adjunct Assistant Professor)

Bruce Cronin (Adjunct Professor)

Paisley Currah (Adjunct Professor)

Jackie Dugard (Senior Lecturer in the Discipline of Human Rights)

Tracey Holland (Adjunct Assistant Professor)

Daniela Ikawa (Adjunct Assistant Professor)

Glenn Mitoma (Lecturer in the Discipline of Human Rights)

Shourideh Molavi (Senior Lecturer in the Discipline of Human Rights)

Andrew Nathan (Class of 1919 Professor of Political Science)

Julie Rajan (Adjunct Associate Professor)

Joseph Slaughter (Director, Institute for the Study of Human Rights; Associate Professor, Department of English and Comparative Literature)

Elsa Stamatopoulou (Director, Indigenous Peoples' Rights Program)

Tim Wyman-McCarthy (Lecturer in the Discipline of Human Rights)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

Welcome to the Institute for the Study of Human Rights. You might want to join the [ISHR Newsletter](#) or contact [UHRP@columbia.edu](mailto:UHRP@columbia.edu) to begin receiving undergraduate announcements.

### Program Planning for all Students

Guidelines for all Human Rights Majors and Minors

Human Rights Concentrators who entered Columbia in or before the 2023-2024 academic year should consult the requirements at the bottom of this page regarding Concentrations. Students should also consult the general academic policies of their school.

#### Planning Forms

Prior to each semester that they take courses in the program, students should submit a [major](#), [minor](#), or [concentration](#) worksheet by emailing [uhrp@columbia.edu](mailto:uhrp@columbia.edu). Students may also email [UHRP@columbia.edu](mailto:UHRP@columbia.edu) to set up an advising appointment.

#### Grades

No course with a grade of D or lower is credited towards the major or minor. One course, with the exception of the three core courses required for the major or the one core course for the minor, can be taken for Pass/D/Fail. The student must receive a grade of P for the course to count towards the requirements of the major. All other courses must be taken for a letter grade. All seminar courses must be taken for a letter grade.

#### Double-Counting

In accordance with the academic policies of their school, students may double-count a maximum of two classes towards the Human Rights Major or Minor with another program's major or minor, provided that the classes are approved to fulfill a requirement for each program. Students should consult the academic policies of their school for specific information regarding the double-counting of courses taken to fulfill Global Core or other school requirements.

#### Summer Courses and Courses Taken at Other Columbia Schools

Courses taken at Barnard College and summer courses taken through the School of Professional Studies may be counted for the major or minor requirements, with departmental approval.

## Course Numbering Structure

Courses 3999 and below are strictly undergraduate courses; 4000-level courses are for graduate and advanced undergraduate students, 6000-level and above are for graduate students with limited exceptions.

## Guidance for First-Year Students

If you are considering pursuing a Human Rights Major or Minor, we would be glad to meet with you and tell you more about the degree, share advising tips, and help you familiarize yourself with our programs and the work of the Institute for the Study of Human Rights (ISHR) more broadly. Please don't hesitate to contact us at [uhrp@columbia.edu](mailto:uhrp@columbia.edu), sign up for the [ISHR Newsletter](#), which disseminates information about human rights events, opportunities, and initiatives on campus, or visit our [website](#). Most ISHR events are open to the entire Columbia community and we look forward to welcoming all students interested in human rights (even if you have not declared your major/minor yet!).

## Guidance for Transfer Students

### Transfer Credit/Study Abroad Credit

Human rights students may transfer a maximum of three courses (nine Columbia-equivalent credits) towards the Major or one course (three Columbia-equivalent credits) towards the Minor for courses taken at another institution. This includes study abroad credit and Advanced Placement courses. No more than one AP course can be transferred towards the major or the minor. Typically no more than one transfer course can count toward the distributional, and the remainder would count for the specialization. The application of transferred courses must be approved by the Director of Undergraduate Studies or the undergraduate adviser.

Students wishing to count transfer courses toward the major or the minor should email [uhrp@columbia.edu](mailto:uhrp@columbia.edu) with their Entrance/Transfer Credit Report or a transcript, the syllabi of the courses they want to count toward departmental requirements, and a statement of how they want to apply the transfer credits to the requirements.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

All students in the program complete HRTS UN3001 INTRODUCTION TO HUMAN RIGHTS

### Major in Human Rights

The major in human rights requires 10 courses for a minimum of 31 points as follows. One of the distributional or specialization courses must be a seminar.

### Core Courses

HRTS UN3001	INTRODUCTION TO HUMAN RIGHTS
HRTS UN3190	INT'L HUMAN RIGHTS LAW
HRTS UN3995	HUMAN RIGHTS SENIOR SEMINAR

### Distributional Requirement \*

Students take one course in three of these four categories (three courses), for a minimum of 9 credit points.

Politics and history
Culture and representation
Political theory and philosophy
Social and economic processes

### Specialization Requirement \*\*

Students fulfill the specialization requirement by focusing on a particular discipline, taking four courses for a minimum of 12 credit points offered by a single department or institute.

- \* Please see the ISHR [undergraduate course list](#) for the current list of courses that fulfill the distributional requirement of the major.
- \*\*The goal of the specialization requirement is to equip students with the tools of a specific discipline. Students should inform the human rights program of their intended specialization before taking courses to fulfill this requirement. As a general rule, fields of study listed as [academic programs](#) on the bulletin are approved for the specialization requirement if a free-standing major is offered. Courses approved for that major are generally approved for the human rights specialization. However, language acquisition and studio courses may not be taken to fulfill the specialization requirement. Students are encouraged to take any core and/or methodology courses required by a program when fulfilling their specialization requirement. Students are also encouraged to take courses within their chosen specialization that focus on human rights issues, but the specialization requirement can be fulfilled by taking any four courses within the same discipline. For example, if a student's specialization is Political Science, he or she can fulfill the specialization requirement by taking any four POLS courses.

## Minor in Human Rights

The minor in human rights [requires](#) 5 courses for a minimum of 15 points as follows:

HRTS UN3001 INTRODUCTION TO HUMAN RIGHTS

Four additional human rights courses.

Please see the ISHR [undergraduate course list](#) for the current list of courses that fulfill the Minor requirements.

## B.A. / M.A. Program

Applicants interested in the Human Rights Studies B.A./M.A. option should apply the semester before the one in which they intend to begin taking courses that will count toward the M.A. For information on how to apply for the Human Rights Studies Master of Arts (HRSMA) program and relevant deadlines, please visit this [page](#). All students would complete the 30 credit points and 2 Residence Units required of the M.A. program, but the joint option allows students to receive an M.A. one semester earlier than would normally be possible. Please refer to the [B.A./M.A. page](#) of the website for additional information.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

As of Fall 2024, the University is phasing out Concentrations. Students who entered Columbia prior to the 2024-25 academic year may pursue a Concentration in Human Rights. Students who previously enrolled in the Concentration are also welcome to discuss switching to a Minor (details above). The policies outlined above regarding Grades and Double-Counting Courses also apply to students pursuing the Human Rights Concentration.

## Concentration in Human Rights

The concentration in human rights requires 8 courses for a minimum of 24 points as follows:

HRTS UN3001	INTRODUCTION TO HUMAN RIGHTS
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Seven additional human rights courses, one of which must be a seminar.

Please see the ISHR [undergraduate course list](#) for the current list of courses that fulfill the concentration requirements.



# ITALIAN

## THE DEPARTMENT OF ITALIAN:

Department website: <https://italian.columbia.edu/>

Office location: 502 Hamilton Hall

Office contact: 212-854-2308, [italian@columbia.edu](mailto:italian@columbia.edu)

Director of Undergraduate Studies: Konstantina Zanou,  
212-853-8205 [kz2269@columbia.edu](mailto:kz2269@columbia.edu)

Directors of the Language Program (DLP):

Elementary: Felice Beneduce, [fb2321@columbia.edu](mailto:fb2321@columbia.edu)

Intermediate: Alessandra Saggin, [as2931@columbia.edu](mailto:as2931@columbia.edu)

## ITALIAN AND MEDITERRANEAN STUDIES

The Italian Department offers students in-depth knowledge of Italian language, literature, history, and culture from the Middle Ages to the present, by placing Italy within its Mediterranean culture in an intimate, seminar setting with the close supervision of the department's faculty.

The Major in Italian is designed to give students an advanced knowledge of the Italian language and to help them gain a deeper understanding of the literature, culture, history, and society of Italy in a globalized world.

The Minor in Italian is a smaller and more flexible course of study that allows students to develop an understanding of Italian literature, culture, history, and society.

## STUDENT ADVISING

Director of Undergraduate Studies: Konstantina Zanou,  
212-853-8205 [kz2269@columbia.edu](mailto:kz2269@columbia.edu)

Directors of the Language Program (DLP):

Elementary: Felice Beneduce, [fb2321@columbia.edu](mailto:fb2321@columbia.edu)

Intermediate: Alessandra Saggin, [as2931@columbia.edu](mailto:as2931@columbia.edu)

## Consulting Advisers

- For questions regarding the major and the minors, students should contact the Director of Undergraduate Studies: Konstantina Zanou, 212-853-8205 [kz2269@columbia.edu](mailto:kz2269@columbia.edu)
- For questions regarding Italian language courses, students should contact the Directors of the Language Program (DLP):
  - Elementary: Felice Beneduce, [fb2321@columbia.edu](mailto:fb2321@columbia.edu)
  - Intermediate: Alessandra Saggin, [as2931@columbia.edu](mailto:as2931@columbia.edu)

- Students pursuing an Italian Major should download this worksheet.
- Students pursuing an Italian Minor should download this worksheet.
- Students pursuing a Minor in Mediterranean Studies should download this worksheet.

## Enrolling in Classes

1. For students pursuing an Italian Major or Minor, who have no prior knowledge of Italian, the required sequence is Elementary Italian I & II (UN1101-UN1102) or Intensive Elementary Italian (UN112) and Intermediate Italian I & II (UN2101-UN2102) or Intensive Intermediate Italian (UN2121).
2. Students with prior knowledge of Italian must take the Italian placement exam before declaring the Italian Major or Minor. Students may be exempted from the language requirement in Italian in one of three ways:
  - a. by presenting a score of 4 or 5 on the Advanced Placement Italian Exam
  - b. by presenting a score of 780 or above on the SAT Subject Test in Italian
  - c. by obtaining a satisfactory score on the department's placement examination

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of the Italian Major, the Italian Minor, and the Minor in Mediterranean Studies must be taken at Columbia University unless expressly permitted by the Director of Undergraduate Studies. Exceptions or substitutions permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

## 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.

## Barnard College Courses

All relevant Barnard courses are treated as part of the available curriculum and accepted in the Major and Minors. Students

should consult with the Director of Undergraduate Studies on which Barnard courses are considered relevant.

## Transfer Courses

- When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor.
- No more than three (3) courses toward the Italian Major may be fulfilled with transfer credit; no more than one (1) course toward the Minors.
- Students should contact the Director of Undergraduate Studies to request review of transfer credit and submit the syllabi of courses taken outside Columbia for consideration.

## Study Abroad Courses

- Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor, the Director of Graduate Studies will need to confirm that they can be used toward requirements in the Major/Minors.
- Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses. There will be a limit on the number of courses taken abroad that can be applied to the Major/Minor, and they must be approved by the Director of Undergraduate Studies.

## Summer Courses

- Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the Major/Minors only as articulated in Department guidelines or by permission of the Director of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.
- Beyond the [Columbia Summer in Venice Program](#), for students who stay in New York the Italian Department offers courses in Elementary and Intermediate Italian during the Summer.

## CORE CURRICULUM CONNECTIONS

- Students may be interested in course offerings in this department that can be taken in fulfillment of the Global Core requirement and the Language requirement of the Core Curriculum. See the list of approved courses for the requirement on this page of the Bulletin that lists all approved courses to see the list of courses in this department that have been approved for the requirement.
- For students who would like to build on their experience in Literature Humanities, the Italian Department offers courses on Dante, who has been on the Literature Humanities curriculum since its inception, and on Boccaccio. In addition, the Department offers Mediterranean Humanities I & II, a sequence of courses designed as the Global Core equivalent of Literature Humanities.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

The courses offered by the Italian Department introduce students to an array of methodologies in literary criticism, comparative literature, cultural studies, film studies, food studies, history of philology, intellectual and transnational history

### Senior Thesis Coursework and Requirements

Highly motivated Italian majors have the opportunity to pursue a senior thesis under the guidance of a faculty adviser in an area of Italian literature or culture of their choosing. The senior thesis tutorial (ITAL UN3993 Senior Thesis/Tutorial) will count for 3 points.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

Majors in Italian who wish to be considered for departmental honors in Italian must (1) have at least a 3.6 GPA in their courses for the major and (2) complete a senior thesis or tutorial and receive a grade of at least A- within the context of the course ITAL UN3993. Normally, departmental honors are awarded to no more than one graduating senior.

### Academic Prizes

- The Italian Department awards through an internal selection process the following prizes:

For Columbia College students:

—Dino Bigongiari Prize: This prize was established by the former students and friends of Professor Bigongiari. It may be awarded annually to the Columbia College senior who has written an outstanding essay on Italian Civilization, or whose

work in the regular Italian courses is judged most worthy of distinction.

—Helen and Howard R. Marraro Prize: This prize may be awarded annually to up to 2 Columbia College undergraduates 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. The prize was established in honor of Professor Marraro.

For General Studies students:

—The Medaglia D'Oro prize for excellence in Italian Studies. (The amount of this prize is \$300.)

—The Benedetto Marraro Prize for distinction in Italian Studies. (The amount of this prize is \$300.)

- The National Italian Honor Society (GKA)

Juniors and seniors (CC, GS, BC) who show superior scholastic performance in the field of Italian language, literature, and culture can be nominated as members of the National Italian Honor Society (GKA). The Honor Society “encourages college students to acquire a greater interest in, and a deeper understanding of, Italian culture, art and history.” Juniors and seniors with at least a B+ average in Italian who have taken courses in culture and/or literature are eligible for membership.

In addition, the Society offers a \$500 award to an essay (2000-2500 words) written in Italian. Students must be seniors completing an Italian Major or Minor in order to compete for the essay award.

## OTHER IMPORTANT INFORMATION

- A wide range of cultural programs are sponsored by the Italian Academy for Advanced Studies in America, including the activities of the Columbia Seminar on Modern Italian Studies. These programs enrich the learning experience of the students and offer opportunities to meet distinguished Italian and Italian-American visitors to the University.

The Columbia Summer in Venice Program, housed in the Casa Muraro, offers students the opportunity to immerse themselves in the culture, history, and language of Venice on a six-week summer program in the city. Students learn about the art, literature, music, culture and society of Venice and the Veneto region while also having the option to study and practice Italian. The program is not geared toward any particular major (although its courses count toward the Major and Minor in Italian, as well as the Minor in Mediterranean Studies), and students with no Italian language or art history background are eligible to apply.

## PROFESSORS

Teodolinda Barolini, Director of Graduate Studies (DGS - Fall 2024)

Jo Ann Cavallo, Chair

Elizabeth Leake

## ASSOCIATE PROFESSORS SENIOR LECTURERS

Felice Italo Beneduce, Elementary DLP

Federica Franze

Maria Luisa Gozzi

Patrizia Palumbo

Carol Rounds (Hungarian)

Alessandra Saggin, Intermediate DLP

Barbara Spinelli

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

- Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of majors and minors. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.
- Students who entered Columbia in or before Fall 2023 may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.
- 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.

### Course Numbering Structure

With the exception of conversation courses, Elementary language classes are UN1XXX, Intermediate language classes are UN2XXX, and Advanced language classes are UN3XXX.

(Conversation courses do not count toward the Major or the Minor and all start with UN1XXX, regardless of level.) Any literature, culture or history courses at the 4XXX level start with GU and are suitable for undergraduate students as well as graduate students. Undergraduate literature, culture or history courses start with UN3XXXX.

## Guidance for First-Year Students

- For students pursuing an Italian Major or Minor the prerequisite is Intermediate II or a demonstrated equivalent level of knowledge of the Italian language.
- For students who have no prior knowledge of Italian, the required sequence is Elementary Italian I & II (UN1101-UN1102) or Intensive Elementary Italian (UN1121) and Intermediate Italian I & II (UN2101-UN2102) or Intensive Intermediate Italian (UN2121).
- Students with prior knowledge of Italian must take the Italian placement exam before declaring the Italian Major or Minor. Students may be exempted from the language requirement in Italian in one of three ways: a) by presenting a score of 4 or 5 on the Advanced Placement Italian Exam; b) by presenting a score of 780 or above on the SAT Subject Test in Italian; c) by obtaining a satisfactory score on the department's placement examination

## Guidance for Transfer Students

Transfer students pursuing an Italian Major or Minor may need to enroll in Intensive Italian courses (ITAL UN1121 Intensive Elementary Italian; ITAL UN2121 Intensive Intermediate Italian) in order to fulfill the language prerequisite in time.

## Double-counting Guidelines for All Students

- If a student decides to pursue more than one program of study, the student's declared programs of study may not both be governed by the same department. For example, a student may not declare a Major or a Minor in Italian and a Minor in Mediterranean Studies.
- Students may double-count courses taken to fulfill the Language requirement and the Global Core requirement toward programs of Study (Italian Major and Minor, and Minor in Mediterranean Studies). Note: The shared courses of the Core Curriculum—specifically, Art Humanities, Contemporary Civilization, Frontiers of Science, Literature Humanities, Music Humanities, and University Writing—may not be double-counted with any major or minor.
- In addition to double-counting any courses described above, students pursuing two programs of study may double-count a maximum of two classes of any type, if the classes are approved by the Director of Undergraduate Studies to fulfill a requirement for each program of study.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in Italian

The Major in Italian offers students in-depth knowledge of Italian language, literature, history, and culture from the Middle

Ages to the present. Through a cluster of courses from the Italian Department, as well as other Humanities and Social Science departments and approved study abroad programs, the Major in Italian seeks to enhance students' knowledge of Italy in a globalized world.

The learning goals of the Major in Italian are therefore: 1) to give students an advanced knowledge of the Italian language; and 2) to help students gain a deeper understanding of the literature, culture and history of Italy.

### Design

The Major in Italian requires a minimum of 30 points (10 courses).

### Prerequisites

The 30 required points (10 courses) do not include the necessary prerequisites, i.e. Intermediate II or a demonstrated equivalent level of knowledge of the Italian language.

For students who have no prior knowledge of Italian, the required sequence to cover the prerequisite is Elementary Italian I & II (UN1101-UN1102) and Intermediate Italian I & II (UN2101-UN2102), or Intensive Elementary Italian (ITAL UN1121) and Intensive Intermediate Italian (ITAL UN2121), or a combination between a regular sequence and an intensive course. Therefore, for a student who must take all coursework at Columbia (i.e., who does not enter Columbia with advanced placement) the overall number of courses required to pursue an Italian Major is 14 (46 points, 16 of which count also toward the Language requirement). However, the overall number of courses required to pursue an Italian Major becomes either 12 if the student chooses the Intensive Elementary & Intermediate Italian option (42 points, 12 of which count also toward the Language requirement), or 13 if the student chooses a combination between a regular sequence and an intensive course (44 points, 14 of which count also toward the Language requirement).

However, students with prior knowledge of Italian may be exempted from the prerequisites in one of three ways: a) by presenting a score of 4 or 5 on the Advanced Placement Italian Exam; b) by presenting a score of 780 or above on the SAT Subject Test in Italian; c) by obtaining a satisfactory score on the department's placement examination. Therefore, for them the overall number of courses required to pursue an Italian Major is 10 (30 points).

### Required Courses

Italian majors are required to take two sequences: a) a sequence of Advanced Italian Language courses and b) a sequence of courses in Italian Literature or Cultural Studies:

- Advanced Italian Language (this sequence should be taken in progressive order)



- Advanced Italian (ITAL UN3335). Advanced reading, writing, speaking with emphasis on authentic cultural materials. Topic and semester themes vary. Taught in Italian.

- Italian Language through Content. Course offerings under this category include courses such as: Italian through Cinema (ITAL UN3337); Italiana. Introduction to Italian Culture, the High, the Low, and the In-between (ITAL UN3338); Learning Italian in Class and Online: A Telecollaboration with Italy (ITAL UN3339); Art Itineraries: Italian through Art (ITAL UN3341); Business Italian and the Made in Italy Excellence: Learning Italian for trade and industry (ITAL UN3342); Advanced Italian: Comparative Stylistics & Translation (ITAL UN3343); Italy: Emigration-Immigration (ITAL UN3232); and Grand Tour in Italy (ITAL UN3645). These are all courses of Advanced Italian Language through a specific subject and with emphasis on cultural content. Taught in Italian.

#### and

- Italian Literature or Cultural Studies

Introduction to Italian Literature I and II (ITAL UN3333-4) provides an overview of major authors and works in the Italian literary tradition from the Middle Ages to the present. Taught in Italian. (This sequence does not need to be taken in progressive order.)

or

Italian Cultural Studies I and II (ITAL GU4502-3). An interdisciplinary investigation into Italian culture and society from national unification in 1860 to the present. Taught in English. (This sequence does not need to be taken in progressive order.)

#### Elective Courses

With the permission of the Director of Undergraduate Studies, Italian majors select six 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, society and history from the Middle Ages to the present (at least 50% of the material of courses offered outside of the Italian Department should focus on Italian topics). Students who have taken courses in Italian Literature, Italian History, and/or Italian Culture while abroad should consult with the Director of Undergraduate Studies to determine if the courses may be applicable to the Major.

Highly motivated students have the opportunity to pursue a senior thesis under the guidance of a faculty adviser in an area of Italian literature or culture of their choosing. The senior thesis tutorial (ITAL UN3993 Senior Thesis/Tutorial) will count for 3 points.

Majors in Italian are required to take at least two of the six elective courses from the Italian Department's offerings, which are not Language Through Content courses. The remaining

four elective courses can include Language Through Content courses or offerings from other Humanities and Social Science departments and study abroad Programs.

Students pursuing an Italian Major should download and use the relevant [worksheet](#).

### Minor in Italian

The Minor in Italian is a smaller and more flexible course of study aiming to introduce students to Italian language, literature, history, and culture from the Middle Ages to the present day. Through a cluster of courses from the Italian Department, as well as from other Humanities and Social Science departments and approved study abroad programs, the Minor in Italian seeks to enhance students' knowledge of Italy in a globalized world.

The learning goals of the Minor in Italian are therefore: 1) to give students an advanced-level knowledge of the Italian language; and 2) to help students gain a deeper understanding of the literature, culture, and history of Italy.

#### Design

The Minor in Italian requires a minimum of 15 points (5 courses).

#### Prerequisites

The 15 required points (5 courses) do not include the necessary prerequisites, i.e., Intermediate II or a demonstrated equivalent level of knowledge of the Italian language.

For students who have no prior knowledge of Italian, the required sequence to cover the prerequisite is Elementary Italian I & II (UN1101-UN1102) and Intermediate Italian I & II (UN2101-UN2102), or Intensive Elementary Italian (ITAL UN1121) and Intensive Intermediate Italian (ITAL UN2121), or a combination between a regular sequence and an intensive course. Therefore, for a student who must take all coursework at Columbia (i.e., who does not enter Columbia with advanced placement) the overall number of courses required to pursue an Italian Minor is 9 (31 points, 16 of which count also toward the Language requirement). However, the overall number of courses required to pursue an Italian Major becomes either 7 if the student chooses the Intensive Elementary & Intermediate Italian option (27 points, 12 of which count also toward the Language requirement), or 8 if the student chooses a combination between a regular sequence and an intensive course (29 points, 14 of which count also toward the Language requirement).

However, students with prior knowledge of Italian may be exempted from the prerequisites in one of three ways: a) by presenting a score of 4 or 5 on the Advanced Placement Italian Exam; b) by presenting a score of 780 or above on the SAT Subject Test in Italian; c) by obtaining a satisfactory score on the department's placement examination. Therefore, for them the



overall number of courses required to pursue an Italian Minor is 5 (15 points).

### Required Courses

Italian minors are required to take one of the following course sequences: a) Advanced Italian Language; b) Italian Literature; c) Italian Cultural Studies:

- Advanced Italian Language (this sequence should be taken in progressive order)
- Advanced Italian (ITAL UN3335). Advanced reading, writing, speaking with emphasis on authentic cultural materials. Topic and semester themes vary. Taught in Italian.
- Italian Language through Content. Course offerings under this category include courses such as: Italian through Cinema (ITAL UN3337); Italiana. Introduction to Italian Culture, the High, the Low, and the In-between (ITAL UN3338); Learning Italian in Class and Online: A Telecollaboration with Italy (ITAL UN3339); Art Itineraries: Italian through Art (ITAL UN3341); Business Italian and the Made in Italy Excellence: Learning Italian for trade and industry (ITAL UN3342); Advanced Italian: Comparative Stylistics & Translation (ITAL UN3343); Italy: Emigration-Immigration (ITAL UN3232); and Grand Tour in Italy (ITAL UN3645). These are all courses of Advanced Italian Language through a specific subject and with emphasis on cultural content. Taught in Italian.

or

- Italian Literature

Introduction to Italian Literature I and II (ITAL UN3333-4) provides an overview of major authors and works in the Italian literary tradition from the Middle Ages to the present. Taught in Italian. (This sequence does not need to be taken in progressive order.)

or

- Italian Cultural Studies

Italian Cultural Studies I and II (ITAL GU4502-3). An interdisciplinary investigation into Italian culture and society from national unification in 1860 to the present. Taught in English. (This sequence does not need to be taken in progressive order.)

### Elective Courses

In addition to one of the above sequences, students pursuing the Minor in Italian will be asked to select three courses from the department's 3000- or 4000-level offerings or from other Humanities and Social Science departments with a focus on Italian culture, society and history from the Middle Ages to the present (at least 50% of the material of courses offered outside of the Italian Department should focus on Italian topics). Minors

in Italian are required to take at least one of the three elective courses within the Italian Department's offerings which are not Language Through Content Courses, chosen in consultation with the Director of Undergraduate Studies.

Students pursuing an Italian Minor should download and use the relevant [worksheet](#).

## Minor in Mediterranean Studies

The Minor in Mediterranean Studies is a flexible course of study intended to introduce students to the various facets of the Mediterranean Sea from a cross-disciplinary perspective. Drawing on courses from within the Italian Department as well as departments and units across the university, the program seeks to enhance students' understanding of this culturally diverse and politically important region of the world. It offers them the opportunity to explore the connections among the peoples living in this geographic area over a broad chronological span—from prehistoric times to the present—and to focus on issues that go beyond specific nations, cultures, and states, such as migration, cultural transfers, diversity, multilingualism, translation, border crossing, empires and colonialism, circulation of goods and ideas, islands, the physical environment, and resource management. The learning goals of the Minor in Mediterranean Studies are therefore: 1) to give students vital tools for thinking about the world from the perspective of an interconnected sea space and through a comparative and transnational point of view; and 2) to help students gain a deeper understanding of the history, and culture of the Mediterranean through an interdisciplinary path of study. Upon completion of the Minor, students should be able to have a basic knowledge of the ways in which the Mediterranean Sea has served over time as a medium of contact, exchange, and interaction among multiple societies, nations, religions, and languages, and use this knowledge to reconsider global relations in the world today.

### Design

The Minor in Mediterranean Studies requires a minimum of 15 points (5 courses).

### Prerequisites

There are no prerequisites.

### Required Courses

Minors in Mediterranean Studies are required to take the following two-semester sequence (not necessarily taken in progressive order). This sequence also **fulfills the Global Core requirement**:

- Mediterranean Humanities I (CLIA GU4499)

Course description: Mediterranean Humanities I explores the literatures of the Mediterranean from the late Middle

Ages to the Early Nineteenth Century. We will read Boccaccio, and Cervantes, as well as Ottoman poetry, Iberian Muslim apocalyptic literature, and the Eurasian connected versions of the One Thousand and One Nights. We will dive into the travel of texts and people, stories and storytellers across the shores of the Middle Sea. Based on the reading of literary texts (love poetry, short stories, theater, and travel literature), as well as letters, biographies, memoirs, and other ego-documents produced and consumed in the Early Modern Mediterranean, we will discuss big themes such as Orientalism, estrangement, forced mobility, connectivity, multiculturalism and the clash of civilizations. Also, following in the footsteps of Fernand Braudel and Erich Auerbach, we will reflect on the Mediterranean in the age of the first globalization as a laboratory of the modern global world and world literature.

- Mediterranean Humanities II (CLIA GU4500)

Course description: What is the Mediterranean and how was it constructed and canonized as a space of civilization? A highly multicultural, multilingual area whose people represent a broad array of religious, ethnic, social and political differences, the Mediterranean has been seen as the cradle of western civilization, but also as a dividing border and a unifying confluence zone: as a sea of pleasure and a sea of death. The course aims to enhance students' understanding of the multiple ways this body of water has been imagined by the people who lived or traveled across its shores. By exploring major works of theory, literature and cinema since 1800, it encourages students to engage critically with a number of questions (nationalism vs cosmopolitanism, South/North and East/West divides, tourism, exile and migration, colonialism and orientalism, borders and divided societies) and to 'read' the sea through different viewpoints. In the final analysis, Med Hum II is meant to engage the question of what it means to stand on watery grounds and to view the world through a constantly shifting lens.

### Elective Courses

In addition to these two Global Core courses, students pursuing the Minor in Mediterranean Studies will take **three elective courses**. **One** should be from the Mediterranean offerings of the Italian Department, while the other **two** can be from other departments and units across the university. The approved courses should adopt a Mediterranean transnational, comparative or regional perspective, engage with issues on a cross-Mediterranean scale (such as migration, cultural transfers, translation, borders, contacts and conflicts, empires and colonialism, islands, circulation of goods and ideas, common environmental and resource management questions), or place their particular topics within a Mediterranean framework (at least 50% of the course material should fulfill these requirements). Students pursuing a Minor

in Mediterranean Studies should download and use the relevant [worksheet](#).

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before Fall 2023. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study. Concentrations are not available to students who entered Columbia in or after Fall 2024.

### Concentration in Italian

The Concentration in Italian requires a minimum of 24 points (8 courses).

#### Prerequisites

The 24 required points (8 courses) do not include the necessary prerequisites, i.e., Intermediate II or a demonstrated equivalent level of knowledge of the Italian language.

For students who have no prior knowledge of Italian, the required sequence to cover the prerequisite is Elementary Italian I & II (UN1101-UN1102) and Intermediate Italian I & II (UN2101-UN2102), or Intensive Elementary Italian (ITAL UN1121) and Intensive Intermediate Italian (ITAL UN2121), or a combination between a regular sequence and an intensive course. Therefore, for a student who must take all coursework at Columbia (i.e., who does not enter Columbia with advanced placement) the overall number of courses required to pursue an Italian Concentration is 12 (40 points, 16 of which count also toward the Language requirement). However, the overall number of courses required to pursue an Italian Major becomes either 10 if the student chooses the Intensive Elementary & Intermediate Italian option (36 points, 12 of which count also toward the Language requirement), or 11 if the student chooses a combination between a regular sequence and an intensive course (38 points, 14 of which count also toward the Language requirement).

However, students with prior knowledge of Italian may be exempted from the prerequisites in one of three ways: a) by presenting a score of 4 or 5 on the Advanced Placement Italian Exam; b) by presenting a score of 780 or above on the SAT Subject Test in Italian; c) by obtaining a satisfactory score on the department's placement examination. Therefore, for them the overall number of courses required to pursue an Italian Concentration is 6 (24 points).

### Required Courses

Italian concentrators are required to take two sequences: a) a sequence of Advanced Italian Language courses and b) a sequence of courses in Italian Literature or Cultural Studies:

- Advanced Italian Language (this sequence should be taken in progressive order)
- Advanced Italian (ITAL UN3335). Advanced reading, writing, speaking with emphasis on authentic cultural materials. Topic and semester themes vary. Taught in Italian.
- Italian Language through Content. Course offerings under this category include courses such as: Italian through Cinema (ITAL UN3337); Italiana. Introduction to Italian Culture, the High, the Low, and the In-between (ITAL UN3338); Learning Italian in Class and Online: A Telecollaboration with Italy (ITAL UN3339); Art Itineraries: Italian through Art (ITAL UN3341); Business Italian and the Made in Italy Excellence: Learning Italian for trade and industry (ITAL UN3342); Advanced Italian: Comparative Stylistics & Translation (ITAL UN3343); Italy: Emigration-Immigration (ITAL UN3232); and Grand Tour in Italy (ITAL UN3645). These are all courses of Advanced Italian Language through a specific subject and with emphasis on cultural content. Taught in Italian.

and

- Italian Literature or Cultural Studies

Introduction to Italian Literature I and II (ITAL UN3333-4) provides an overview of major authors and works in the Italian literary tradition from the Middle Ages to the present. Taught in Italian. (This sequence does not need to be taken in progressive order.)

or

Italian Cultural Studies I and II (ITAL GU4502-3). An interdisciplinary investigation into Italian culture and society from national unification in 1860 to the present. Taught in English. (This sequence does not need to be taken in progressive order.)

### **Elective Courses**

With the permission of the Director of Undergraduate Studies, Italian 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, society and history from the Middle Ages to the present (at least 50% of the material of courses offered outside of the Italian Department should focus on Italian topics). Students who have taken courses in Italian Literature, Italian History, and/or Italian Culture while abroad should consult with the Director of Undergraduate Studies to determine if the courses may be applicable to the Concentration.

# 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:

Louis Armstrong Jazz Performance Program (LAJPP)

**Director of Center for Jazz Studies:** Prof. Kevin Fellezs, 806 Dodge Hall, 212-854-6689, [kf2362@columbia.edu](mailto:kf2362@columbia.edu)

**Director of Jazz Performance:** Prof. Ole Mathisen, 621 Dodge Hall; 212-854-3825; [om2141@columbia.edu](mailto:om2141@columbia.edu) ([cjw5@columbia.edu](mailto:cjw5@columbia.edu))

**Program Administrator:** Yulanda McKenzie, 602 Philosophy; 212-851-9270; [ym189@columbia.edu](mailto:ym189@columbia.edu)

*Starting in Fall '24, the Special Concentration in Jazz Studies is no longer available for students to declare. Students who declared the Special Concentration in Jazz Studies in Spring '24 or prior are allowed to complete this concentration.*

The Special Concentration in Jazz Studies is an interdisciplinary liberal arts course of study that uses jazz music—and the jazz culture from which the music emanated—as a prism through which to study jazz culture during what might be termed the long jazz century, the Sprawling 20's. The curriculum in this 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.

While there are some fields where the fit with jazz studies is very obvious—music, American studies, African-American studies, English, comparative literature, and history—students 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 courses explore jazz as a culture. Students not only study individual jazz artists but also explore the immeasurably variegated worlds through which such artists moved, and which they helped to shape. As cultural historians-in-training—focused on questions of nationality, race, sexuality, gender, economics, and politics—students explore the extraordinarily complicated terrains of the New Orleans of Bunk Johnson, for example, or the Baltimore of Billie Holiday (born in Philadelphia, reared in Baltimore). They explore such artists' other geographical travels. What did their images, including mistaken conceptions of who they were, tell us about the cultures that mythologized them?

How did these jazz musicians influence not only musicians but other artists of their era and milieu: the poets and novelists, painters and sculptors, photographers and filmmakers, dancers and choreographers who regularly heard them play and often shared with them a sense of common project?

One thinks of Tito Puente, working with singers and dancers at the Palladium; Jackson Pollack dancing to the music as he spun drips of paints on canvasses placed on the studio floor; Langston Hughes writing detailed instructions to the musicians he hoped would accompany performance of his poetry; Romare Bearden's beautifully turned stage and costume designs for Alvin Ailey and Dianne McIntyre, whose improvisatory jazz dance workshop was called Sound in Motion; the drummer Jo Jones in an interview naming as key influences a series of tap dancers he admired; Stanley Crouch, stirring in his high-powered essays in a room where jazz drums stand at the center, the old dream-kit inspiration; Ralph Ellison, who kept in touch with his beginnings as a musician in Oklahoma City through hour-long conversations with his childhood friend, the singer Jimmy Rushing; Toni Morrison reading her magical prose to improvisations by Max Roach and the dancer Bill T. Jones; and the pianist Jason Moran playing at the Studio Museum in Harlem, where he introduced his group as including Beauford Delany, whose paintings hung on the wall near the bandstand—vigorous all and recall across the art forms.

Perhaps above all, the Special Concentration in Jazz Studies is designed to prepare students to be well-prepared and flexible improvisers in a universe of change and possibility.

## INTERDEPARTMENTAL COMMITTEE ON JAZZ STUDIES

Ann Douglas (English and Comparative Literature)  
 Brent Hayes Edwards (English and Comparative Literature)  
 Kevin A. Fellezs (Music)  
 Aaron Fox (Music)  
 Farah Jasmine Griffin (English and Comparative Literature)  
 George Lewis (Music)  
 Robert G. O'Meally (English and Comparative Literature)  
 Christopher Washburne (Music)

## ADJUNCT LECTURERS IN JAZZ PERFORMANCE

Paul Bollenbeck  
Christine Correa  
Krin Gabbard  
David Gibson  
Brad Jones  
Victor Lin  
Ole Mathisen  
Tony Moreno  
Ugonna Okegwa  
Adriano Santos  
Don Sickler  
Leo Traversa  
Ben Waltzer

Private music lessons (strongly recommended but not required)

MPP UN1541 CU Jazz Ensembles (strongly recommended but not required)

### Special Concentration in Jazz Studies (For students who declared the concentration on or before the 2023-2024 academic year)

Starting in Fall '24, the Special Concentration in Jazz Studies is no longer available for students to declare. Students who declared the Special Concentration in Jazz Studies in Spring '24 or prior are allowed to complete this concentration.

The special concentration in jazz studies requires a total of seven courses (21 points minimum), distributed as follows:

### Requirements for Non-Music Majors/ Concentrators

MUSI UN1002	FUNDAMENTALS OF MUSIC
MUSI UN2016	JAZZ
MUSI UN3998	SUPERVISED INDEPENDENT STUDY
ENGL GU4612	JAZZ AND AMERICAN CULTURE

(3) interdisciplinary courses as approved by the director

Private music lessons (strongly recommended but not required)

MPP UN1541 CU Jazz Ensembles (strongly recommended but not required)

### Requirements for Music Majors/ Concentrators

MUSI UN2016	JAZZ
MUSI UN3998	SUPERVISED INDEPENDENT STUDY
MUSI GU4500	JAZZ TRANSCRIPTION # ANALYSIS
MUSI GU4505	JAZZ ARRANGING # COMPOSITION
ENGL GU4612	JAZZ AND AMERICAN CULTURE

(2) interdisciplinary courses as approved by the director



# JEWISH STUDIES

## THE INSTITUTE FOR ISRAEL AND JEWISH STUDIES:

Department website: <http://www.ijjs.columbia.edu/>

Office location: 617 Kent Hall

Office contact: 212-854-2581, [ijjs@columbia.edu](mailto:ijjs@columbia.edu) (<http://www.ijjs.columbia.edu/>)

**Program Director:** Dr. Isabelle Levy, [icl2001@columbia.edu](mailto:icl2001@columbia.edu) ([icl2001@columbia.edu](mailto:icl2001@columbia.edu))

## JEWISH STUDIES

The academic discipline of Jewish Studies is an interdisciplinary field centered on the analysis and investigation of Jewish history, religion, cultures, languages, and literatures. 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 also as a civilization and culture.

A minor in Jewish Studies is available for undergraduates and allows students to draw upon classes in a wide range of departments across the University, including, but not limited to, History; Sociology; Middle Eastern, South Asian, and African Studies; Germanic Languages; Music; Film; and Religion. The requirements for the minor are designed to provide students with the interdisciplinary knowledge necessary to pursue Jewish Studies 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 minor in Jewish Studies provides students with an opportunity to expand their knowledge according to their particular interests and can likewise complement an array of majors across academic disciplines.

Students wishing to complete a minor in Jewish Studies work with Program Director Dr. Isabelle Levy 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 minor.

## STUDENT ADVISING

### Consulting Advisers

Please reach out to our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu) for any advising needs

### Enrolling in Classes

IJJS courses are available for registration through Vergil. Professors will often give enrollment priority to Jewish Studies minors if you contact them directly. If you have any questions

about which classes apply towards the Minor in Jewish Studies, please contact our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu).

## Preparing for Graduate Study

Jewish Studies students continue on to graduate study in a variety of fields. Please reach out to our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu) for any advising needs.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

Students will not be able to apply advanced placement credit towards the minor.

### Barnard College Courses

Certain Barnard College courses may be applied towards the minor. Several Barnard courses are cross-listed with Jewish Studies. If you have any questions about which classes apply towards the Minor in Jewish Studies, please contact our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu).

### Transfer Courses

Students may request permission on a case-by-case basis to apply one course each of transfer coursework and study abroad coursework to the minor. If you have any questions about which classes apply towards the Minor in Jewish Studies, please contact our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu).

### Study Abroad Courses

Students may request permission on a case-by-case basis to apply one course each of transfer coursework and study abroad coursework. If you have any questions about which classes apply towards the Minor in Jewish Studies, please contact our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu).

### Summer Courses

Some summer courses may be applied toward the minor. If you have any questions about which classes apply towards the Minor in Jewish Studies, please contact our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu).

## CORE CURRICULUM CONNECTIONS

In addition to finding intellectual links among their coursework, Core Curriculum courses, and major study coursework, Jewish Studies students may choose to take Global Core courses that contain Jewish Studies content. As is College policy, two courses that fulfill either the Global Core or the science requirement can be double-counted toward the Core requirements and toward one of your programs of study.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

Jewish Studies students will have the opportunity to meet with Jewish Studies Librarian Michelle Margolis and to consult Columbia's Jewish Studies research collections, which exceeds 150,000 monographs; 1,000 periodical titles; 60,000 Hebrew and Yiddish titles; Jewish scholarly works in Western and Slavic languages; and 1,700 Hebrew and Jewish-language (e.g., Judeo-Arabic) manuscripts—the largest collection of Judaica manuscripts in any secular research university.

### Undergraduate Research in Courses

Most Jewish Studies courses, as well as cross-listed courses that count towards the Minor, include a research component. Instructors will support students in completing research projects.

The Jewish Studies curriculum includes for-credit faculty-advised independent research. Students may reach out to our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu) with questions about undergraduate research.

## DEPARTMENT HONORS AND PRIZES

Students on track to complete the Jewish Studies minor may apply for limited summer research funding at the discretion of the IIJS faculty. Please reach out to our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu) with questions.

## AFFILIATED FACULTY

Beth Berkowitz (Religion, Barnard)  
 Clemence Boulouque (Religion)  
 Elisheva Carlebach (History)  
 Yinon Cohen (Sociology)  
 Jeremy Dauber (Germanic Languages)  
 Ofer Dynes (Slavic Languages and Literatures)  
 Rebecca Kobrin (History)  
 Agnieszka Legutko (Germanic Languages)  
 Seth Schwartz (History)  
 Michael Stanislawski (History)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Please reach out to our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu) for any advising needs.

### Course Numbering Structure

Undergraduate coursework is offered at the 2000, 3000, and 4000 levels. Undergraduate courses are worth 3 or 4 points. Many Jewish Studies courses are cross-listed in other departments, including History; Germanic Languages; Middle Eastern, South Asian, and African Studies; Religion; Slavic Languages; Music; and Sociology. Some 5000 or 6000 level

courses may be available for undergraduate enrollment, at the discretion of the instructor.

### Guidance for First-Year Students

Please reach out to our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu) for any advising needs.

### Guidance for Transfer Students

Please reach out to our Program Director, Dr. Isabelle Levy, at [icl2001@columbia.edu](mailto:icl2001@columbia.edu) for any advising needs.

## UNDERGRADUATE PROGRAMS OF STUDY

### Minor in Jewish Studies

In addition to the requirements of the minor, students must complete a major.

Students are required to complete five Jewish Studies courses comprising between 15 to 20 points, depending on the number of points of each course. Introductory language study that complements the student's Jewish Studies coursework may constitute one of these courses. Languages may include (but are not limited to) Arabic, Aramaic, French, Greek, Hebrew, Russian, and Yiddish and should be relevant to the student's other coursework in Jewish Studies. Language courses at the advanced level that are conducted in the language and that require reading and writing in the language may count as an additional course.

Jewish Studies students may choose to take Global Core courses that contain Jewish Studies content. As is College policy, two courses that fulfill either the Global Core or the science requirement can be double-counted toward the Core requirements and toward one of your programs of study.

### Jewish Studies Courses\*

(\*not all available in a given semester/year)

Music JWST UN2155 Music, Sound, and Antisemitism

Religion UN2306 INTRO TO JUDAISM

History UN2611 JEWS & JUDAISM IN ANTIQUITY

Sociology UN3285 ISRAELI SOC & ISR-PLS CONFLICT

Religion UN3301 INTRODUCTION TO HEBREW BIBLE

SPJS UN3303 Jewish Literature in Translation in the Medieval Mediterranean

Yiddish UN3500 SURVEY OF YIDDISH LIT (ENG)

CLYD UN3500 Human in Modern Jewish Literature

History UN3604 JEWS AND THE CITY

Music GU4113 Medieval Mediterranean Love Songs

Jewish Studies GU4145 Topics in Israeli Cinema

Jewish Studies GU4147 Between Tradition & Innovation: Readings

Jewish Studies GU4156 An Introduction to World Zionist Thought

Jewish Studies GU4157 Israeli Politics in Times of Turmoil

Jewish Studies GU4149 A History of Jewish-Muslim Encounters

Jewish Studies GU4153 U.S. Civil and Human Rights Lawyers

Jewish Studies GU4154 Magic in Jewish History and Culture

CLYD GU4250 Memory & Trauma in Yiddish Literature

Women's Studies GU4336 GENDER AND Sexuality in Yiddish Literature

GU4509 CRIME/PUNISHMENT-JEWISH CULTURE

History GU4525 Immigrant New York

Sociology GU4801 Israel and the Palestinians

English GU4938 HISTORY OF HORROR

Jewish Studies GU4990 Topics in Jewish Studies

Sociology GR6160 ISRAELI SOCIETY - SPEC TOPICS

Sociology GR6161 Dynamics of the Israeli-Palest

Religion GR6420 RELIGION & PUBLIC LIFE

History GR8132 THE JEWISH BOOK IN EARLY MOD WORLD

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Special Concentration in Jewish Studies

In addition to the requirements of the special concentration, students must complete a major or a full concentration.

For a special concentration in Jewish studies, students are required to complete a minimum of 21 points. Please note:

- At least one course must be taken from each of three of the focus areas listed below.
- Credits for language courses may constitute at most 10 points, and one year of Hebrew or Yiddish language is strongly recommended.
- A minimum of 18 points must be taken at Columbia or as part of an approved study abroad program (unless equivalent courses are not offered at Columbia, as determined by the faculty adviser).

The focus areas listed below are examples. 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**

**Medieval Judaism**

**Modern Judaism**

**Israeli Society**

**Gender and Judaism**

**Jewish History and Culture**

**Jewish Literature**

# 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](mailto:sc758@columbia.edu)

**Associate Director:** Christopher Kaiser, 353 International Affairs Building; 212-854-3326; [ck2831@columbia.edu](mailto:ck2831@columbia.edu)

**Hours of Operation:** Monday-Friday, 9 a.m.–5 p.m.

The Language Resource Center supports students throughout the course of their language study at Columbia. The LRC provides flexible physical and virtual spaces for language learning, facilitates access to resources, and connects students to language-related opportunities at Columbia and beyond. The LRC is also home to the Shared Course Initiative, which uses specialized distance classrooms for sharing several languages between Columbia, Cornell, and Yale universities. For more information on language learning at Columbia, visit [lrc.columbia.edu](http://lrc.columbia.edu).

# **LATIN AMERICAN AND CARIBBEAN STUDIES**

## **THE INSTITUTE OF LATIN AMERICAN STUDIES:**

Department website: <https://ilas.columbia.edu/>

Office location: 8th Floor International Affairs Building

Office contact: 212-854-4643; [ek2159@columbia.edu](mailto:ek2159@columbia.edu)

Director of Undergraduate Studies: M. Victoria Murillo,  
[mm2140@columbia.edu](mailto:mm2140@columbia.edu)

Senior Manager of Business & Students Affairs: Eliza Kwon-Ahn,  
[ek2159@columbia.edu](mailto:ek2159@columbia.edu)

## **THE STUDY OF LATIN AMERICAN & CARIBBEAN STUDIES**

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.

## **STUDENT ADVISING**

For general advising, please contact ILAS Senior Manager of Business & Student Affairs Eliza Kwon-Ahn  
[ek2159@columbia.edu](mailto:ek2159@columbia.edu)

## **Preparing for Graduate Study**

Please contact the DUS Prof. M. Victoria Murillo  
[mm2140@columbia.edu](mailto:mm2140@columbia.edu)

## **COURSEWORK TAKEN OUTSIDE OF COLUMBIA**

### **Advanced Placement**

Not applicable

### **Barnard College Courses**

Not applicable

## **Transfer Courses**

Students are allowed to receive course credit for study abroad only. To find out more, please see "Study Abroad Courses"

## **Study Abroad Courses**

Students are encouraged to study abroad during their Junior years. The program accepts up to 12 credits for the disciplinary of choice for the major and up to 3 credits for the minor.

Interested students should submit the syllabi and all the coursework related to each course prior to traveling for approval by the DUS.

## **Summer Courses**

Not applicable

## **CORE CURRICULUM CONNECTIONS**

Many of the interdisciplinary courses for the program may partially satisfy Global core requirements. Not all courses are offered every semester, but there are ample opportunities to take these courses:

HIST UN2618: The Modern Caribbean

HIST UN2660: Latin American Civilization I

HIST UN2661: Latin American Civilization II

LACV UN1020: Primary Texts of Latin American Civilization

HIST GU4301: Politics and Justice in Latin America through Crime Fiction

## **UNDERGRADUATE RESEARCH AND SENIOR THESIS**

### **Undergraduate Research in Courses**

Students in the major track will have opportunities to develop their own research as part of the required seminar course.

Students can work independently with a professor for one seminar or if accepted, take the graduate seminar courses for the MA students in Latin American & Caribbean Studies (LCRS G6400 and G6401).

For more information, please contact Eliza Kwon-Ahn at  
[ek2159@columbia.edu](mailto:ek2159@columbia.edu).

### **Senior Thesis Coursework and Requirements**

not applicable

### **Undergraduate Research Outside of Courses**

not applicable

## **DEPARTMENT HONORS AND PRIZES**

### **Department Honors**

Departmental Honors are awarded to no more than 10% of graduating majors (including October, February and May



graduates); students should have a GPA of at least 3.6 in major courses in order to be considered for Departmental Honors; and students should have successfully completed an honors thesis, or an equivalent project of high quality.

Students may work independently with a professor or if accepted, take the graduate seminar courses for the MA students in Latin American & Caribbean Studies (LCRS G6400 and G6401).

## Academic Prizes

Not applicable

## OTHER IMPORTANT INFORMATION

ILAS website: <https://ilas.columbia.edu/>

ILAS Undergraduate Program: <https://ilas.columbia.edu/content/undergraduate>

ILAS Undergraduate Research and Internship Grants and Summer FLAS Fellowship:

<https://ilas.columbia.edu/content/funding-opportunities-students>

For language placement: <https://laic.columbia.edu/content/language-placement-examination>

## AFFILIATED FACULTY

Bruno Bosteels (Latin American and Iberian Cultures)

Amy Chazkel (History)

Alan Dye (Economics, Barnard)

Frank Guridy (History)

Maja Horn (Spanish and Latin American Cultures, Barnard)

Ana Paula Huback (Latin American and Iberian Cultures)

Ana Paulina Lee (Latin American and Iberian Cultures)

Natasha Lightfoot (History)

Claudio Lomnitz (Anthropology)

Nara Milanich (History, Barnard)

Eduardo Moncada (Political Science, Barnard)

Jose Moya (History, Barnard)

M. Victoria Murillo (Political Science)

Frances Negron-Muntaner (Comparative Literature)

Joao Nemi Neto (Latin American and Iberian Cultures)

Ana Maria Ochoa (Music)

Pablo Piccato (History)

Caterina Pizzigoni (History)

Michael T. Taussig (Anthropology)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

For additional information on Latin American and Caribbean Studies, please visit the Institute's [website](#) or contact Eliza Kwon-Ahn, Senior Manager of Business & Student Affairs, at [ek2159@columbia.edu](mailto:ek2159@columbia.edu).

## Program Planning for all Students

Not applicable

## Course Numbering Structure

Not applicable

## Guidance for First-Year Students

Students interested in Latin American & Caribbean Studies are encouraged to take one of the following 3 history courses:

1. HIST UN2660: Latin American civilization, I
2. HIST UN2661: Latin American civilization, II
3. LACV CC1020: Primary Texts of Latin American Civilization

These above courses will fulfill the global core requirement and give students the historical foundation as Latin America as a whole.

## Guidance for Transfer Students

Students interested in Latin American & Caribbean Studies are encouraged to take one of the following 3 history courses:

1. HIST UN2660: Latin American civilization, I
2. HIST UN2661: Latin American civilization, II
3. LACV CC1020: Primary Texts of Latin American Civilization

These above courses will fulfill the global core requirement and give students the historical foundation as Latin America as a whole.

If a transfer student has taken a similar course in a previous institution, we encourage students to consult the DUS for course replacement.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

Students interested in the major or the minor should start taking one of the following 3 courses:

1. HIST UN2660: Latin American civilization, I
2. HIST UN2661: Latin American civilization, II
3. LACV CC1020: Primary Texts of Latin American Civilization

Major in Latin American and Caribbean Studies

The major requires a minimum of 31 points as follows:

Select five of the following fourteen courses. One of these courses must be Latin American Civilization I (HIST UN2660), Latin American Civilization II (HIST UN2661) or Primary Texts in Latin American Civilization (LACV UN1020):

CLEN GU4644	REVOLUTION IN/ON THE CARIBBEAN
HIST UN1786	History of the City in Latin America
HIST UN2618	THE MODERN CARIBBEAN
HIST UN2660	LATIN AMERICAN CIVILIZATION I
HIST UN2661	LATIN AMERICAN CIVILIZATION II
HIST BC2664	FAMILIES LATIN AMERICA
HIST BC2676	LATIN AMERICA: MIGRATION, RACE, AND ETHNICITY
HIST BC2681	WOMEN AND GENDER IN LATIN AMERICA
HIST GU4301	Politics and Justice in Latin America through Crime Fiction
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
POLS UN3560	PLCS URBAN DEV LATIN AMERICA
POLS UN3565	DRUGS # POLITICS IN AMERICAS
POLS GU4461	Latin American Politics
SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
*** The SPAN UN3300 section taken for the Major must focus on Latin America. Please contact the ILAS Student Affairs Coordinator for details.	

Language Requirement

Select one course on Spanish, Portuguese, or an indigenous language at the intermediate or advanced level; if students can demonstrate advance knowledge of one of these languages, they can replace this course with an area studies course.

Discipline of Choice

Select four courses in a discipline or theme of choice with substantive focus on Latin America. One of these courses must be a seminar. All students, however, need to take at least two courses in a discipline or theme outside of their specialization. The director of undergraduate studies advises students on areas of specialization and must approve courses with substantial Latin American or Caribbean contents not included in the list of eligible courses.

Up to 12 credits for Discipline of Choice requirement can be earned through study abroad. Students are encouraged to explore study abroad options before their junior year. Upon return, they should submit the syllabi and all coursework related

to each course taken abroad for approval by the director of undergraduate studies.

Minor in Latin American & Caribbean Studies

The minimum number of credits is 15 (5 courses).

- A. CORE COURSES: At least One (1) courses from the following Four (4) courses.
1. HIST UN2660: Latin American civilization, I
  2. HIST UN2661: Latin American civilization, II
  3. LACV CC1020: Primary Texts of Latin American Civilization
  4. POLS GU4461: Latin American Politics
- B. SPECIALIZED LECTURE/SEMINAR COURSES: At least Two (2) from the following Ten (10) courses.
1. ASFB GU4100: Slavery and Freedom in Latin America
  2. CLEN GU4644: Revolution in/on the Caribbean
  3. HIST UN1786: History of the City in Latin America
  4. HIST UN2618: The Modern Caribbean
  5. HIST BC2676: Reproducing Inequalities: Families in Latin America
  6. HIST BC2681: Women and Gender in Latin America
  7. HIST GU4301: Politics and Justice in Latin America through Crime Fiction
  8. POLS UN3560: Political Urban Development in Latin America
  9. POLS V3565: Drugs and Politics in the Americas
  10. SPAN UN3300: Advanced Language through Content (with Latin American focus)

C. SEMINAR COURSE: Students will take one seminar course in any department with DUS approval to develop an in-depth topic in the region.

Up to 3 credits (1 course) can be earned through study abroad. Students are encouraged to explore study abroad options before their junior year. Prior to traveling, they should submit the syllabi and all coursework related to each course taken abroad for approval by the director of undergraduate studies.

FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

## Concentration in Latin American and Caribbean Studies

The concentration requires a minimum of 18 points as follows:

Select three of the following fourteen courses. One of these courses must be in Latin American Civilization I (HIST UN2660), Latin American Civilization II (HIST UN2661) or Primary Texts in Latin America (LACV UN1020):

CLEN GU4644	REVOLUTION IN/ON THE CARIBBEAN
HIST UN1786	History of the City in Latin America
HIST UN2618	THE MODERN CARIBBEAN
HIST UN2660	LATIN AMERICAN CIVILIZATION I
HIST UN2661	LATIN AMERICAN CIVILIZATION II
HIST BC2664	FAMILIES LATIN AMERICA
HIST BC2676	LATIN AMERICA: MIGRATION, RACE, AND ETHNICITY
HIST BC2681	WOMEN AND GENDER IN LATIN AMERICA
HIST GU4301	Politics and Justice in Latin America through Crime Fiction
LACV UN1020	PRIM TEXTS OF LATIN AMER CIV
POLS UN3560	PLCS URBAN DEV LATIN AMERICA
POLS UN3565	DRUGS # POLITICS IN AMERICAS
POLS GU4461	Latin American Politics
SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
*** The SPAN UN3300 section taken for the Concentration must focus on Latin America. Please contact the ILAS Student Affairs Coordinator for details.	

### Language Requirement

Select one course on Spanish, Portuguese, or an indigenous language at the intermediate or advanced level; if students can demonstrate advance knowledge of one of these languages, they can replace this course with an area studies course.

### Discipline of Choice:

Select two courses in a discipline or theme of choice with substantive focus on Latin America. One of these courses must be a seminar. All students, however, need to take at least one course in a discipline or theme outside of their specialization. The director of undergraduate studies advises students on areas of specialization and must approve courses with substantial Latin American or Caribbean contents not included in the list of eligible courses.

to explore study abroad options before their junior year. Prior to traveling, they should submit the syllabi and all coursework related to each course taken abroad for approval by the director of undergraduate studies.

The concentration requires a minimum of 18 points as follows: Up to 6 credits for the Discipline of Choice requirement can be earned through study abroad. Students are encouraged

# LATIN AMERICAN AND IBERIAN CULTURES

## Departmental Office:

101 Casa Hispánica | 612 W. 116th Street | (212) 854-4187  
<http://www.laic.columbia.edu/>

## *Interim Director of Undergraduate Studies:*

Dr. Lee B. Abraham | [lba2133@columbia.edu](mailto:lba2133@columbia.edu)

## *Director of Graduate Studies:*

Prof. Alberto Medina | [am3149@columbia.edu](mailto:am3149@columbia.edu)

## *Director of the Spanish Language Program:*

Dr. Lee B. Abraham | 402 Casa Hispánica | (212) 854-3764  
 | [lba2133@columbia.edu](mailto:lba2133@columbia.edu)

## *Director of the Portuguese Language Program:*

José Antonio Castellanos-Pazos | 501 Casa Hispánica | (212) 854-0277 | [jc846@columbia.edu](mailto:jc846@columbia.edu)

## *Director of the Catalan Language Program:*

Elsa Úbeda | [eu2130@columbia.edu](mailto:eu2130@columbia.edu)

The Department of Latin American and Iberian Cultures (LAIC) at Columbia, located in the Casa Hispánica, has long enjoyed an international reputation as a center for Hispanic and Lusophone studies. The department provides linguistic preparation in Spanish, Portuguese, and Catalan, and offers a flexible program to study manifestations of the Hispanic and Lusophone worlds in all historical periods—from the medieval to the globalized present—and in a variety of cultural contexts: the Iberian Peninsula, Latin America, the former colonies of Portugal, and the United States.

Students can enter the program at any level of linguistic and cultural preparedness. The department offers a placement exam to determine the level at which students may either begin or continue study. Majors and concentrators in Hispanic studies and Portuguese studies are typically double majors who bring insights and methods from fields such as history, political science, women's studies, anthropology, economics, Latino studies, Latin American studies, etc., which fosters engaging discussions.

## ACADEMIC PROGRAMS

The department offers two majors. The major in Hispanic studies gives students a well-rounded preparation in the history and culture of the Hispanic world. The second option, a major in Hispanic studies with specialization, allows students to study the Hispanic world through a number of fields, among them Latin American studies, gender studies, political science,

economics, history, and sociology. The department also offers two concentrations: Hispanic studies and Portuguese studies.

The language and major programs have also been designed in close consultation and cooperation with Barnard's Department of Spanish and Latin American Cultures. All courses taken in one program may be used to fulfill the requirements of the other. Hence, Columbia and Barnard students may move freely between departments of both institutions for courses that best fit their intellectual interests and schedules.

## ADVANCED PLACEMENT

The department grants 3 credits for a score of 5 on the AP Spanish Language exam, which satisfies the foreign language requirement. Credit is awarded upon successful completion of a 3300-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in Spanish. Courses taught in English may not be used for language AP credit.

The department grants 0 credits for a score of 4 on the AP Spanish Language exam, but the foreign language requirement is satisfied.

The department grants 3 credits for a score of 5 on the AP Spanish Literature exam, which satisfies the foreign language requirement. Credit is awarded upon successful completion of a 3300-level (or higher) course with a grade of B or higher. This course must be for at least 3 points of credit and be taught in Spanish. Courses taught in English may not be used for language AP credit.

The department grants 0 credits for a score of 4 on the AP Spanish Literature exam, but the foreign language requirement is satisfied.

## STUDY ABROAD

The department strongly recommends that all Hispanic and Portuguese studies majors/concentrators study abroad. Most courses taken abroad can be used to fulfill the requirements for the major and concentration, and with adequate planning, even some of the requirements for a second major or concentration. A maximum of four (4) courses taken abroad may be applied to the major, and a maximum of three (3) to the concentration in Hispanic or Portuguese studies.

All students are strongly advised to take either SPAN UN3349 HISPANIC CULTURES I (SP) or SPAN UN3350 HISPANIC CULTURES II (SP) before studying abroad. Actual or potential majors and concentrators in Hispanic or Portuguese studies should seek tentative approval of their programs from the director of undergraduate studies before their departure.

## THE HISPANIC INSTITUTE

The department hosts the Hispanic Institute at Columbia. Founded in 1920 as the Instituto de las Españas, the Institute sponsors and disseminates research on Hispanic and Luso-



Brazilian culture. Since 1934, the Institute has published the *Revista Hispánica Moderna*, a distinguished journal in Hispanic criticism and theory.

## IN FULFILLMENT OF THE LANGUAGE REQUIREMENT

For students with no knowledge of Spanish, Portuguese, or Catalan, at least four terms of the language are required: *UN1101-UN1102* (or *UN1120*) and *UN2101-UN2102* (or *UN2120*). **All courses must be taken for a letter grade to fulfill the language requirement.**

Students with prior knowledge of Spanish who plan to continue studying Spanish are required to take the department's on-line placement examination before registering for courses. Students with prior knowledge of Portuguese or Catalan should speak with the director of language programs.

Students may be exempted from the language requirement in one of four ways:

1. Present a score of 4 or 5 on the AP Spanish Language or Spanish Literature Exams. Students who receive a score of 5 in either exam are awarded 3 AP credits upon successful completion of a 3300-level (or above) course with a grade of B or higher. AP credit is not granted for a score of 4.
2. Present a score of 780 or above on the SAT Subject Test. Students with a score lower than 780 should take the department's on-line placement exam and follow the placement advice received.
3. Present a score of a 7, 6, or 5 on the International Baccalaureate Higher Level Exam in Spanish.
4. Obtain a score of 625 or higher on the department's Spanish as a Second Language Placement Exam. If the score on the online exam qualifies a student for exemption from the language requirement, they are required to take a second in-person version of the online placement exam during orientation (for entering students) or during the semester (for continuing students). Please check our Department's website for information about scheduling the second in-person exam for possible exemption..

## DEPARTMENTAL HONORS

Beginning in Spring 2015, the department put in place a new timeline and training program for juniors, to assist students with planning and completing the Honors Thesis during their senior year. The Honors Thesis is an excellent option for any student interested in pursuing a Master's degree or Ph.D.; but, above all, it is a highly formative research and writing experience—one that can bear unexpected fruits toward any path the student decides to take in the future.

All students pursuing a major through the department may apply to write an Honors Thesis. The department envisions the thesis as an intellectually challenging and rewarding experience that

crowns four years of undergraduate studies with an original contribution in the field chosen by the student.

The department supports students in shaping their research topic and provides frequent advising throughout the research and writing process. The timeline is as follows:

- During the junior year, students take into consideration the possibility of writing an Honors Thesis in the following year. The topic of the Honors Thesis may likely originate in an advanced course taken during the junior year; students may also choose to develop ideas discussed or papers written in courses taken in previous years. Juniors schedule a meeting (or, if the student is studying abroad, a Skype conversation) with the director of undergraduate studies to discuss their proposed topic and faculty adviser.
- By May 15, juniors who have decided to write an Honors Thesis in their senior year send a formal proposal to the director of undergraduate studies, which includes:
  - A title and a one-page abstract;
  - The name of the proposed faculty adviser;
  - An application for departmental partial funding support (for those who would like to pursue research during the summer).
- By May 30, the Honors Thesis committee reviews the proposals and informs the students of its decision.
- In the fall of the senior year:
  - Seniors selected to write the Honors Thesis enroll in a Supervised Individual Research section (SPAN UN3997 or SPAN UN3998) with their faculty adviser and write the Honors Thesis during the entire senior year under the direction of their adviser. For the purposes of the major, this independent study counts as a 3-point course towards elective courses.
  - Faculty advisers organize Honors Thesis Workshops to discuss students' ongoing projects and provide advising on research tools, methodological and theoretical frames, and overall writing process.
- In the fall of the senior year, students enroll in a Senior Seminar.
- By April 15 of the senior year, students complete and submit a PDF of the Honors Thesis via email for consideration towards departmental honors and prizes.

To be considered for departmental honors, a student must write an Honors Thesis and maintain a GPA of at least 3.6 in major courses. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

## UNDERGRADUATE PRIZES

The faculty awards an undergraduate prize every year:

### Susan Huntington Vernon Prize

Established in 1941 by a member of the noted family of New York Hispanophiles, it is given to the Columbia College senior



major who has demonstrated excellence in the study of Spanish, Portuguese, and Latin American languages and cultures.

PROFESSORS

Carlos J. Alonso  
Bruno Bosteels  
Patricia E. Grieve  
Alberto Medina  
Graciela R. Montaldo  
Alessandra Russo

ASSOCIATE PROFESSORS

Seth Kimmel  
Ana Paulina Lee

ASSISTANT PROFESSORS

Jerónimo Duarte-Riascos  
Ana M. Fernández-Cebrián

SENIOR LECTURERS

Lee B. Abraham  
Guadalupe Ruiz-Fajardo  
José Antonio Castellanos-Pazos  
Angelina Craig-Flórez  
Reyes Llopis-García  
Ana Paula Huback  
João Nemi Neto  
Francisco Rosales-Varo  
José Plácido Ruiz-Campillo

LECTURERS

Francisca Aguiló Mora  
Leyre Alejaldre Biel  
Irene Alonso-Aparicio  
Dolores Barbazán Capeáns  
Lorena García Barroso  
Juan Pablo Jiménez-Caicedo  
Diana P. Romero  
Elsa Úbeda

GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

UNDERGRADUATE PROGRAMS OF STUDY

Major in Hispanic Studies

Students who declared this program before March 2016 (when requirements changed) should contact the Director of Undergraduate Studies to confirm their correct course of study.

Students may only register once in each of the Core Courses (SPAN UN3300, SPAN UN3349 and SPAN UN3350).

The major in Hispanic studies requires 11 courses (minimum of 33 points) as follows:

Core Courses

SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)

Elective Courses

Select seven elective courses (21 points): a minimum of three 3000- or 4000-level electives must be chosen within the department and up to three electives related to Hispanic Studies may be taken outside the department.

Senior Seminar

SPAN UN3991	SENIOR SEMINAR
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Major in Hispanic Studies with Specialization

Students who declared this program before March 2016 (when requirements changed) should contact the Director of Undergraduate Studies to confirm their correct course of study.

Students may only register once in each of the Core Courses (SPAN UN3300, SPAN UN3349 and SPAN UN3350).

The major in Hispanic studies with specialization requires 14 courses (minimum of 42 points) as follows. Students should consult the director of undergraduate studies to plan their program and refer to the Hispanic Studies Major Worksheet.

Core Courses

SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)

Elective Courses

Select ten elective courses (30 points): four of which must be chosen within the department and six of which must be in the field of specialization. Approved courses taken abroad may be counted as inside or outside the department for the specialization. A maximum of four courses taken abroad may be counted toward the major.

Senior Seminar \*

SPAN UN3991	SENIOR SEMINAR
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\* In exceptional cases and with the director of undergraduate studies' approval, students may take a senior seminar in their area of specialization as a seventh course outside the department, if they have completed enough foundational courses to manage the demands of an advanced seminar. In such cases, the director of undergraduate studies must receive a letter or e-mail from the seminar instructor indicating approval of a student's membership in the course; the seminar project must be on a Hispanic topic; and a copy of the project must be turned in to the director of undergraduate studies for the student's file upon completion of the course. Students who

complete the senior seminar in another department may also count it as the third elective course on a Hispanic topic outside the department, in which case they may take a fourth 3000- or 4000-level course in the department.

## Minor in Hispanic Studies

### Prerequisite

Students must either have progressed through the introductory level and first semester of the intermediate language sequence, or display the proficiency equivalent (to be demonstrated by a placement exam).

### 5 Total Courses:

#### Two Language Courses

- SPAN UN2102 - Intermediate Spanish
- SPAN UN3300 - Advanced Language through Content

#### Three 3000+ Courses

- Hispanic Cultures I (SPAN UN3349) or Hispanic Cultures II (SPAN UN3350)
- Two elective courses in LAIC at 3000+ level or higher (SPAN, PORT, CAT). The extensive

offering of classes varies from year to year.

### Students with higher level of language proficiency have three options :

- #1- Language classes in LAIC may be used as an elective

Students who test out of SPAN UN2102 may take the equivalent of two semesters of another language course at the introductory level OR one semester of an intermediate language course in another language taught in the Latin American or Iberian Department (ex: Catalan, Portuguese)

The goal is to achieve reading proficiency.

- #2- Study Abroad / Course outside LAIC:

Students who test out of SPAN UN2102 and have not chosen #1(Catalan or Portuguese language classes) can count one course related to Latin American and Iberian Cultures content outside of LAIC at the 3000+ level, subject to approval by the Director of Undergraduate Studies.

- #3- Substitute UN 2102 and/or UN3300 for a LAIC elective

Students who test out SPAN UN2102 and have not chosen options #1 or #2 can substitute it with an elective course in LAIC at the 3000+ level or higher, subject to approval by the

Director of Undergraduate Studies. In addition, a student who has earned a 5 in Advanced Placement (AP)

Spanish or is a native speaker who has completed high school in a Spanish-speaking country may substitute UN3300 with an elective course in LAIC at the 3000+ level or higher, subject to approval by the Director of Undergraduate Studies.

## Minor in Portuguese

### Prerequisite

Students must have completed 3 semesters of Portuguese (PORT UN1101, PORT UN1102, and PORT UN2101), or the proficiency equivalent (to be demonstrated by a placement exam). Spanish speakers may fulfill the prerequisite with PORT 1320 Portuguese for Spanish Speakers.

### 5 Total Courses:

#### One Language Course

- Either PORT UN2102 (Intermediate Portuguese II) or PORT UN2120 (Comprehensive Intermediate Portuguese)

#### Four 3000+ Courses

\*The following courses are offered on a rotating basis each semester so students have the chance to choose from a variety of topics each semester:

- PORT UN3300 - Advanced Language through Content
- PORT UN3101 - Conversations about the Lusophone World
- PORT UN3301 - Advanced Writing and Composition
- PORT UN3330 - Introduction to Portuguese Studies
- PORT UN3350 - Lusophone and Afro-Brazilian Cultures
- PORT UN3601 - Race, Medicine, and Literature in Brazil
- PORT UN4033 - Language and Queer Identities in Brazil?

### Students with higher level of language proficiency have three options :

- #1- Language classes in LAIC may be used as an elective

Students who test out of PORT UN2102 may take the equivalent of two semesters of another language course at the introductory level OR one semester of an intermediate language course in another language taught in the Latin American or Iberian Department (ex: Catalan, Spanish) The

goal is to achieve reading proficiency.

- #2- Study Abroad / Course outside LAIC:

Students who test out of PORT UN2102 and have not chosen #1 (Catalan or Spanish language classes) can count one Columbia course related to Latin American and Iberian Cultures content

outside of LAIC at the 3000+ level OR two study abroad courses, subject to approval by the

Director of Undergraduate Studies (classes should have a clear Portuguese focus). Note the opportunity to count two study abroad courses for Portuguese (vs. one for Spanish), which rewards students for studying abroad in Portuguese-speaking places

### #3- Substitute PORT UN2102 for a LAIC elective

Students who test out PORT UN2102 and have not chosen options #1 or #2 can substitute it with an elective course in LAIC at the 3000+ level or higher, subject to approval by the Director of Undergraduate Studies.

## Minor in Catalan

The Catalan Minor follows the structure of the LAIC and Portuguese Minors but allows for more interdisciplinary and thematic courses since there is only one Catalan faculty member.

### Prerequisite

Students must have completed one year of Catalan (CAT UN1120 and CAT UN2101), or the proficiency equivalent (to be demonstrated by a placement exam).

### 5 Total Courses:

One Language Course

-CAT UN2102 - Intermediate Catalan II

Four 3000+ Courses

\*The following courses are offered on a rotating basis each semester so students have the chance to choose from a variety of topics each semester. Note below that the conditions for counting Catalan related classes from beyond LAIC (both at Columbia and during study abroad) are more

flexible than for Spanish and Portuguese, since we are cognizant of our reliance on a single Catalan faculty member in LAIC

-CAT UN 3300 - Advanced Catalan through Content

-CAT UN 3500 - Literature in Catalan Cinema

-SPAN3300 - Introduction to Catalan Cultures OR SPAN3300 - Exploring Barcelona

### Students with higher level of language proficiency have three options :

#### #1- Language classes in LAIC may be used as an elective

Students who test out of CAT UN2102 may take the equivalent of two semesters of another language course at the introductory level OR one semester of an intermediate language course in another language taught in the Latin American or Iberian Department (ex: Portuguese, Spanish)

The goal is to achieve reading proficiency.

#### #2- Study Abroad / Course outside LAIC:

Students who test out of CAT UN2102 and have not chosen #1 (Catalan or Spanish language classes) can count two Columbia course related to Latin American and Iberian Cultures content outside of LAIC at the 3000+ level OR two study abroad courses, subject to approval by the

Director of Undergraduate Studies (classes should have a clear Catalan focus). Note the opportunity to count two non-LAIC (vs. one for Portuguese and Spanish) or two study abroad courses for Catalan (vs. two for Portuguese and one for Spanish), which rewards students for

studying abroad in Catalan-speaking places.

#### #3- Substitute CAT UN2102 for a LAIC elective

Students who test out CAT UN2102 and have not chosen options #1 or #2 can substitute it with an elective course in LAIC at the 3000+ level or higher, subject to approval by the Director of Undergraduate Studies.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Hispanic Studies

Students who declared this program before March 2016 (when requirements changed) should contact the Director of Undergraduate Studies to confirm their correct course of study.

Students may only register once in each of the Core Courses (SPAN UN3300, SPAN UN3349 and SPAN UN3350).

The concentration in Hispanic studies requires eight courses (minimum of 24 points) as follows:

#### Core Courses

SPAN UN3300	ADV LANGUAGE THROUGH CONTENT
SPAN UN3349	HISPANIC CULTURES I (SP)
SPAN UN3350	HISPANIC CULTURES II (SP)

#### Elective Courses

Select five elective courses (15 points): a minimum of four 3000- or 4000-level courses must be chosen within the department and up to one elective related to Hispanic Studies may be taken outside the department. A maximum of three courses taken abroad may be counted toward the concentration. Students may only register once for SPAN UN3300.

## Concentration in Portuguese Studies

The concentration in Portuguese studies requires eight courses (minimum 24 points) as follows:

### Core Courses

PORT UN3101	CONVERS ABOUT LUSOPHONE WORLD
PORT UN3300	ADV LANGUAGE THROUGH CONTENT
PORT UN3330	INTRO TO PORTUGUESE STUDIES
PORT UN3350	LUSOPHONE AFR/AFRO-BRAZ CULTRS

### Elective Courses

Select four elective courses (12 points): at least two must have a PORT designation and be chosen from the department's 3000-level offerings. Electives taken outside of the department must have the director of undergraduate studies' approval and be related to Portuguese studies. A maximum of two courses taught in English may be counted toward the concentration overall. Refer to the Portuguese Concentration Worksheet.

# LINGUISTICS

## THE LINGUISTICS PROGRAM:

Program website: <https://slavic.columbia.edu/content/linguistics>

**Director of Undergraduate Studies:** Meredith Landman  
(meredith.landman@columbia.edu)

**Undergraduate Administrator:** John Lacqua  
(jl808@columbia.edu)

## THE STUDY OF LINGUISTICS

In any discussion of linguistics, in popular or academic contexts, the first question is always, what is linguistics, after all? This is remarkable. Language informs most of our mental and cultural activity, and linguistics is just the study of language.

The significance of linguistics in the context of the liberal arts education is twofold. On the one hand, linguistics is a highly developed field of knowledge whose achievements, challenges, and problems constitute an integral part of the modern world of ideas. On the other, understanding the inner properties of language as a complex mechanism and awareness of the extensive tools of its description developed by linguistics provides a crucial background for a variety of disciplines whose subject involves language, such as analytical philosophy, anthropology, folklore, sociology, psychology, computer science, archeology, classic philology, and literary theory. Our programs of study are designed to acquaint students with the theoretical ideas, conceptual apparatus, and research techniques involved in the study of language in all its variety and uses.

## STUDENT ADVISING

### Consulting Advisers

Students with questions regarding the Linguistics Program should contact the Linguistics DUS, Meredith Landman (meredith.landman@columbia.edu).

Prospective majors or minors should contact the Linguistics DUS as early as possible for advice on progressing through our programs of study.

Students are encouraged to join the Linguistics undergraduate listserv, on which we advertise open houses, colloquia, and other events hosted by our program, as well as internship, summer school, and job opportunities. To join our listserv, please email Meredith Landman (meredith.landman@columbia.edu).

### Enrolling in Classes

Students who are waitlisted for a course should email the course instructor.

## Preparing for Graduate Study

Columbia's linguists have distinguished themselves with awards and plans after graduation, such as Fulbright Fellowships in Germany, Georgia, and Taiwan, graduate study at the University of Hawaii at Manoa, University of Michigan at Ann Arbor, and CUNY Graduate Center. Linguistics is also a natural background for studying law, and our students have entered such law schools as Harvard, UCLA, and NYU.

Students interested in pursuing a graduate program in linguistics should consult the Linguistics DUS for advice.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Transfer Courses

Students may be awarded at most three transfer or study abroad courses toward the major and at most one toward the minor, on a case-by-case basis, with approval from the Linguistics DUS. A syllabus for the courses in question will be required for approval.

### Study Abroad Courses

Undergraduates have engaged in unique travel and research projects, including sign language in Nicaragua; language attitudes in Kyrgyzstan; colloquial Arabic in Cairo; summer internship at the Max Planck Institute for Evolutionary Biology; and study abroad in Spain, England, India, Hungary, and Ireland.

Students may be awarded at most three transfer or study abroad courses toward the major and at most one toward the minor, on a case-by-case basis, with approval from the Linguistics DUS. A syllabus for the courses in question will be required for approval.

## CORE CURRICULUM CONNECTIONS

The Linguistics Program offers the Global Core course *LING 3102: Endangered Languages in the Global City* each fall.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Senior Thesis Coursework and Requirements

A senior thesis is required for the linguistics major. Linguistics majors must complete two semesters of the senior thesis seminar in the fall and spring of their senior year.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

Department honors are awarded to at most 10 percent of the graduating cohort. Students must be in good standing (a GPA of at least 3.6) to be considered for department honors.

## AFFILIATED FACULTY

May Ahmar (Arabic; MESAAS)

Akeel Bilgrami (Philosophy)

Guadalupe Ruiz Fajardo (Latin American and Iberian Cultures)



Aaron Fox (Music)  
 Melissa Fusco (Philosophy)  
 Haim Gaifman (Philosophy)  
 Boris Gasparov (Slavic Languages)  
 E. Mara Green, (Anthropology, Barnard)  
 Julia Hirschberg (Computer Science)  
 Ana Paula Huback (Latin American and Iberian Studies)  
 Meredith Landman (Slavic Languages)  
 Karen Lewis (Philosophy, Barnard)  
 Lening Liu (Chinese; East Asian Languages and Cultures)  
 Reyes Llopis-Garcia (Latin American and Iberian Cultures)  
 David Lurie (Japanese; East Asian Languages and Cultures)  
 Kathleen McKeown (Computer Science)  
 John McWhorter (American Studies)  
 Yuan-Yuan Meng (Chinese; East Asian Languages and Cultures)  
 Michele Miozzo (Psychology)  
 Fumiko Nazikian (Japanese; East Asian Languages and Cultures)  
 Youssef Nouhi (Arabic; MESAAS)  
 Christopher Peacocke (Philosophy)  
 John Phan (East Asian Languages and Cultures)  
 Robert Remez (Psychology, Barnard)  
 Francisco Rosales-Varo (Latin American and Iberian Studies)  
 Carol Rounds (Hungarian; Italian)  
 José Plácido Ruiz-Campillo (Latin American and Iberian Studies)  
 Richard Sacks (English and Comparative Literature)  
 Ann Senghas (Psychology, Barnard)  
 Mariame Sy (Wolof; Pulaar; MESAAS)  
 Herbert Terrace (Psychology)  
 Alan Timberlake (Slavic Languages)  
 Zhirong Wang (Chinese; East Asian Languages and Cultures)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students with questions regarding the Linguistics Program should contact the Linguistics DUS, Meredith Landman ([meredith.landman@columbia.edu](mailto:meredith.landman@columbia.edu)).

Prospective majors or minors should contact the Linguistics DUS as early as possible for advice on progressing through our programs of study.

Students are encouraged to join the Linguistics undergraduate listserv, on which we advertise open houses, colloquia, and other events hosted by our program, as well as internship, summer school, and job opportunities. To join our listserv, please email Meredith Landman ([meredith.landman@columbia.edu](mailto:meredith.landman@columbia.edu)).

### Guidance for First-Year Students

First-year students should enroll in *LING 3101: Introduction to Linguistics* in the fall of their first year and contact the

Linguistics DUS for further advice on progressing through our programs of study.

### Guidance for Transfer Students

Transfer students should contact the Linguistics DUS as early as possible for advice on progressing through our programs of study.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in Linguistics

Linguistics, especially since the 1960s, has become a highly multifarious and interdisciplinary field of inquiry. This requires that a major acquaint students with a number of subfields, all of which are crucial to understanding what modern linguistic analysis is about (and foster interdisciplinary inquiry as well). To wit, the person with a basic foundation in what constitutes linguistic study in our times, including training for graduate study if desired, understands:

- a) the basics of grammatical analysis in terms of sounds and sentence structure
- b) how languages change over time
- c) the mechanics of how languages express meaning and implication
- d) the details and nuances of how language is used in social space
- e) the ways and extent to which the world's 7000 languages differ from one another
- f) the relationship between language and cognition writ large

To this end, the major requirements – totaling 38 points – are as follows:

1. LING UN3101 INTRODUCTION TO LINGUISTICS (3pts.)
2. LING GU4376 PHONETICS # PHONOLOGY (3pts.)
3. LING GU4903 SYNTAX (3pts.)
4. One course from four out of five themes (12 pts. total):

- a) Language in time  
Content: Historical linguistics, as in how grammars transform over time (such as the development of Modern from Old English) in terms of sounds, structures, and meaning

LING GU4108 LANGUAGE HISTORY  
ENGL GU4901 HISTORY OF THE ENGLISH LANGUAGE  
CHNS GU4019 HISTORY OF CHINESE LANGUAGE

- b) Language in context

Content: How language varies in structure and usage according to sociological factors such as gender, class, race, power and culture

LING GU4800 LANGUAGE # SOCIETY

LING UN3102 Endangered Languages in the Global City: Lang, Culture, and Migration in Contemporary NYC

ANTH UN1009 INTRO TO LANGUAGE # CULTURE

ANTH GR6067 Language and Its Limits (graduate seminar open to undergraduates)

AMST UN3931 Topics in American Studies (Languages of America)

AMST UN3931 Topics in American Studies (Language Contact)

SPAN GU4010 LANGUAGE CROSSING IN LATINX CARIBBEAN CULTURAL PRODUCTION

SPAN BC3382 SOCIOLING ASPECTS U.S.SPANISH (taught in Spanish)

PORT GU4033 Language # Queer Brazil (ENG)

c) Language diversity

Content: How languages differ from one another and in which ways; especially valuable in this module are a) Field Methods, eliciting the vocabulary and structure of a lesser documented language by questioning a native speaker, in the fashion of professional linguists, b) courses focusing on the structure of individual languages

LING GU4120 LANG DOCUMENTATION/FIELD MTHDS

LING GU4171 LANGUAGES OF AFRICA

HNGR UN3343 Descriptive Grammar Hungarian

d) Language and meaning

Content: semantics, philosophy of language, cognitive linguistics, natural language processing

LING GU4190 DISCOURSE ANALYSIS

PHIL UN2685 INTRO TO PHIL OF LANGUAGE

SPAN GU4011 CONVERSATION IN SPANISH:PRACTICE AND ANA

SPAN GR5450 A COGNITIVE LINGUISTICS ACCOUNT OF LANGUAGE

SPAN GU4030 Spanish Pragmatics (taught in Spanish)

e) Psychology and biology of language

Content: psycholinguistics, neurolinguistics, language genesis. This is especially important given the burgeoning research on the actual structural representation of language in the brain, as well as increasingly influential proposals that ground language in larger thought processes (as opposed to the Chomskyan proposal that language is, to a considerable extent, generated via exclusive cognitive mechanisms).

LING UN3103 Language, Brain and Mind

PSYC BC3164 PERCEPTION AND LANGUAGE

PSYC GU4232 Production and Perception of Language

PSYC BC3369 Language Development

PSYC GU4242 Evolution of Language (seminar) (graduate seminar open to undergraduates)

PSYC GU4244 LANGUAGE AND MIND

PSYC GU4272 Advanced Seminar in Language Development

PSYC GU4470 PSYCH # NEUROPSYCH OF LANGUAGE

5. One elective course (3 pts.) from a) one of the themes above or b) a linguistics-related course from another department subject to approval from the program. This allows students to either sample more widely or specialize somewhat in a subarea of linguistics that has come to interest them. Pre-approved (non-theme) elective courses for the major are as follows:

Anthropology

ANTH UN3947: Text, Magic, Performance

Cognitive Science

COGSCI UN1001: Introduction to Cognitive Science

Computer Science

COMS W1002: Computing in Context: Computing in Linguistics

COMS W4705: Natural Language Processing

COMS W4995: Topics in Computer Science (with approval)

COMS E6998: Topics in Computer Science (with approval)

East Asian Languages and Cultures

CPLS GU4111: World Philology

EAAS GU4412: History of Writing in a Cosmopolitan East Asia

Philosophy

PHIL UN3411: Symbolic Logic

6. Senior thesis (two semesters, 3 pts. per semester)

7. Language requirement: Two semesters of an intermediate-level language sequence (8 points). The language must differ from that used to fulfill the core foreign language requirement. The language taken can be ancient (e.g., Latin, Sanskrit, or Ancient Greek) or modern but should neither be the student's native or semi-native language nor belong to one of the major groups of modern European languages (i.e., neither Romance nor Germanic—thus, not French, Spanish, Italian, Portuguese, Catalan, German, or Dutch). Students must actually take the courses in question; testing out of the linguistics language requirement is not allowed.

## Minor in Linguistics

The linguistics minor is designed to acquaint students with a scientific approach to language in all of its variety and uses. The minor draws students from diverse disciplines and career paths who share a common interest in language. Linguistic training can be particularly valuable for students majoring in language-related fields such as those in the cognitive sciences (computer science, philosophy, anthropology, psychology, neuroscience,

music), language studies, and human rights. A background in linguistics can also be an asset for students pursuing careers in law, language technologies, education, publishing, or speech and hearing sciences. Many of our students are drawn to the field because they are speakers—or advocates for speakers—of smaller or endangered languages, and they want to learn how to document and describe such languages or help develop and advance technologies for them.

Our program offers students the flexibility to tailor the minor to their specific needs and interests. Students may choose courses that will enhance their primary area of study, or they may explore linguistics as a secondary field of study independent of their major.

The minor in linguistics consists of five courses (16 points):

1) Three courses in linguistics (i.e., offered in the Linguistics Program). The choice of courses will depend on the student's interests. We strongly recommend—but do not require—that students begin the minor with *Ling UN3101: Introduction to Linguistics*.

Our current course offerings are as follows, organized by subarea:

a) Language structure: The basics of linguistic analysis

LING UN3101: Introduction to Linguistics

LING GU4376: Phonetics & Phonology

LING GU4903: Syntax

LING GU4XXX: Semantics & Pragmatics (new course to be offered in Spring 2025)

b) Language and society: How language is used in social space

AMST UN3990: Topics in American Studies: Language Contact OR Languages of America

LING UN3102: Endangered Languages in NYC

LING GU4800: Language & Society

c) Language and cognition: the role of language in cognition

LING UN3103: Language, Brain & Mind

d) Language diversity: the ways and extent to which the world's 7000 languages vary

HNGR UN3343: Hungarian Descriptive Grammar

LING GU4120: Language Documentation & Field Methods

LING GU4171: Languages of Africa

LING GU4174: Languages of Asia

LING GU4022: Word & Grammar

e) Language change: how languages change over time

ENGL GU4901: History of the English Language

LING GU4108: Language History

2) One elective course, either a) in linguistics from the list above or b) in a related field, chosen with approval from the Director of Undergraduate Studies. Pre-approved elective courses for the minor are as follows:

Anthropology

ANTH UN1009: Introduction to Language and Culture

ANTH UN3947: Text, Magic, Performance

ANTH GR6067: Language and Its Limits (graduate seminar open to undergraduates)

Cognitive Science

COGSCI UN1001: Introduction to Cognitive Science

Computer Science

COMS W1002: Computing in Context: Computing in Linguistics

COMS W4705: Natural Language Processing

COMS W4995: Topics in Computer Science (with approval)

COMS E6998: Topics in Computer Science (with approval)

East Asian Languages and Cultures

CHNS GU4019: History of Chinese Language

CPLS GU4111: World Philology

EAAS GU4412: History of Writing in a Cosmopolitan East Asia

Latin American and Iberian Cultures

SPAN BC3382: Sociolinguistic Aspects of US Spanish

SPAN GU4010: Language Crossing in Latinx Caribbean Cultural Production

SPAN GU4030: Spanish Pragmatics (taught in Spanish)

SPAN GF5450: Mind and Body in Space: A Cognitive Linguistics Account of Language

Philosophy

PHIL UN2685: Introduction to the Philosophy of Language

PHIL UN3685: Philosophy of Language

PHIL UN3411: Symbolic Logic

PHIL GR9525: Topics in the Philosophy of Language (graduate seminar open to undergraduates)

## Psychology

PSYC BC3164: Perception & Language

PSYC BC3369: Language Development

PSYC UN3450: Evolution of Intelligence, Animal Communication & Language

PSYC GU4232: Production & Perception of Language

PSYC GU4244: Language & Mind

PSYC GU4272: Advanced Seminar in Language Development

PSYC GU4470: Psychology and Neuropsychology of Language

3) One language course at the intermediate level (i.e., equivalent to the third semester or beyond) (4 points). *The language may be the same as that used to fulfill the core foreign language requirement.* The language taken can be ancient (e.g., Latin, Sanskrit, or Ancient Greek) or modern but should neither be the student's native or semi-native language nor belong to one of the major groups of modern European languages (i.e., neither Romance nor Germanic—thus, not French, Spanish, Italian, Portuguese, Catalan, German, or Dutch). Students must actually take the course in question; testing out of the linguistics language requirement is not allowed.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE FALL 2023

### Special Concentration in Linguistics

The special concentration in linguistics is not sufficient for graduation in and of itself. It must be taken in conjunction with a major or a full concentration in another discipline.

Please note: the requirements for the special concentration in Linguistics were modified in the Fall 2019 semester. Students who entered Columbia before the Fall 2019 semester have the option of following the new or the old requirements. If you have any questions, please contact the Director of Undergraduate Studies.

For the new requirements, students must take 23 points in the linguistics program as specified below.

For the old requirements, students must take 18 points; the requirements are specified below, with the exception that the language requirement is one language course at the intermediate level (4pts.), separate from the core curriculum foreign language requirement.

The requirements for the special concentration (23 points) are as follows:

1. Three core courses in linguistics chosen from:

LING UN3101 INTRODUCTION TO LINGUISTICS  
LING UN3102 Endangered Languages in the Global City:  
Lang, Culture, and Migration in Contemporary NYC

LING UN3103 Language, Brain and Mind  
HNGR UN3343 Descriptive Grammar Hungarian  
LING GU4108 LANGUAGE HISTORY  
LING GU4120 LANG DOCUMENTATION/FIELD MTHDS  
LING GU4171 LANGUAGES OF AFRICA  
LING GU4190 DISCOURSE ANALYSIS  
LING GU4376 PHONETICS # PHONOLOGY  
LING GU4800 LANGUAGE # SOCIETY  
LING GU4903 SYNTAX

2. Two additional courses from either a) the core linguistics courses, or b) a linguistics-related course from another department subject to approval from the program. Courses previously approved include those listed below:

#### Anthropology:

ANTH UN1009 INTRO TO LANGUAGE # CULTURE  
ANTH GU4042 Agent, Person, Subject, Self  
ANTH GR6067 Language and Its Limits  
ANTH GR6125 Language, Culture, and Power

#### Chinese:

CHNS GU4019 HISTORY OF CHINESE LANGUAGE

#### Computer Science:

COMS W1012 Computational Linguistics  
COMS W4705 Natural Language Processing  
COMS W4995 Topics in Computer Science (with approval)  
COMS E6998 Topics in Computer Science (with approval)

#### Comparative Literature & Society:

CPLS GU4111 World Philology

#### French:

FREN BC3011 History of the French Language

#### Philosophy:

PHIL UN2685 INTRO TO PHIL OF LANGUAGE  
PHIL UN3411 SYMBOLIC LOGIC  
PHIL UN3685 PHILOSOPHY OF LANGUAGE  
PHIL GU4490 LANGUAGE AND MIND

#### Psychology:

PSYC UN2215 Cognition and the Brain

PSYC UN2440: Language and the Brain

PSYC UN2450 BEHAVIORAL NEUROSCIENCE  
PSYC BC3164 PERCEPTION AND LANGUAGE  
PSYC UN3265 Auditory Perception (Seminar)  
PSYC BC3369 LANGUAGE DEVELOPMENT  
PSYC GU4232 Production and Perception of Language  
PSYC GU4272 Advanced Seminar in Language Development

#### Spanish:

SPAN BC3382 SOCIOLING ASPECTS U.S.SPANISH  
SPAN GU4010 LANGUAGE CROSSING IN LATINX  
CARIBBEAN CULTURAL PRODUCTION  
SPAN GU4011 CONVERSATION IN SPANISH:PRACTICE  
AND ANA

SPAN GU4030 Spanish Pragmatics  
SPAN GR5450 A COGNITIVE LINGUISTICS ACCOUNT  
OF LANGUAGE

Sociology:  
SOCI GU4030 Sociology of Language

3. Language requirement: Two semesters of an intermediate-level language sequence (8 points). The language taken can be an ancient language (e.g., Latin, Ancient Greek, Sanskrit) or a modern one but should neither belong to one of the major groups of modern European languages (Germanic, Romance) nor be the student's native or semi-native language. In addition, the language cannot also be used to satisfy the core language requirement.



# MATHEMATICS

## THE DEPARTMENT OF MATHEMATICS

**Department website:** <http://www.math.columbia.edu>

### Director of Undergraduate Studies

Julien Dubedat, 601 Mathematics; 212-854-8806;  
[jd2653@columbia.edu](mailto:jd2653@columbia.edu)

### Undergraduate Academic Coordinator

TBD

## THE STUDY OF MATHEMATICS

The major in mathematics is an introduction to some of the highlights of the development of theoretical mathematics over the past four hundred years from a modern perspective. This study is also applied to many problems, both internal to mathematics and arising in other disciplines such as physics, cryptography, and finance.

Majors begin by taking either Honors mathematics or the calculus sequence. Students who do not take MATH UN1207 HONORS MATHEMATICS A and MATH UN1208 HONORS MATHEMATICS B normally take MATH UN2010 LINEAR ALGEBRA in the second year. Following this, majors begin to learn some aspects of the main branches of modern mathematics: algebra, analysis, and geometry; as well as some of their subdivisions and hybrids (e.g., number theory, differential geometry, and complex analysis). As the courses become more advanced, they also become more theoretical and proof-oriented and less computational.

Aside from the courses offered by the Mathematics Department, cognate courses in areas such as astronomy, chemistry, physics, probability, logic, economics, and computer science can be used toward the major. A cognate course must be a 2000-level (or higher) course and must be approved by the director of undergraduate studies. In general, a course not taught by the Mathematics Department is a cognate course for the mathematics major if either (a) it has at least two semesters of calculus as a stated prerequisite, or (b) the subject matter in the course is mathematics beyond an elementary level, such as PHIL UN3411 SYMBOLIC LOGIC, in the Philosophy Department, or COMS W3203 DISCRETE MATHEMATICS, in the Computer Science Department. A list of pre-approved cognate courses can be found under the [major requirements](#).

Another requirement for majors is participation in an undergraduate seminar, usually in the junior or senior year. Applied math majors must take the undergraduate applied math seminar sequence in both the junior and senior year. In these seminars, students gain experience in learning an advanced topic and lecturing on it. In order to be eligible for departmental honors, majors must write a senior thesis.

## Student Advising

### Director of Undergraduate Studies

Prof. Julien Dubedat, 601 Mathematics; 212-854-8806;  
[jd2653@columbia.edu](mailto:jd2653@columbia.edu)

### Calculus Director

Prof. George Dragomir, 525 Mathematics; 212-854-2849;  
[gd2572@columbia.edu](mailto:gd2572@columbia.edu)

### Computer Science-Mathematics Advisers

*Computer Science:* Dr. Jae Woo Lee, 715 CEPSR;  
212-939-7066; [jae@cs.columbia.edu](mailto:jae@cs.columbia.edu)

*Mathematics:* Prof. Chiu-Chu Melissa Liu, 623  
Mathematics; 212-854-2499; [ccliu@math.columbia.edu](mailto:ccliu@math.columbia.edu)

### Economics-Mathematics Advisers

*Economics:* Dr. Susan Elmes, 1006 International Affairs  
Building; 212-854-9124; [se5@columbia.edu](mailto:se5@columbia.edu)

*Mathematics:* Prof. Francesco Lin,  
613 Mathematics; 212-854-2192; [f\\_lj2653@columbia.edu](mailto:f_lj2653@columbia.edu) | [jl2550@columbia.edu](mailto:jl2550@columbia.edu)  
([fl2550@columbia.edu](mailto:fl2550@columbia.edu))

### Mathematics-Statistics Advisers

*Mathematics:* Prof. Andrew Blumberg,  
607 Mathematics; 212-851-9307; [a\\_bj2653@columbia.edu](mailto:a_bj2653@columbia.edu) | [ab4808@columbia.edu](mailto:ab4808@columbia.edu)  
([ab4808@columbia.edu](mailto:ab4808@columbia.edu))

*Statistics:* Dr. Ronald Neath, 612 Watson; 212-853-1398;  
[rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

## Enrolling in Classes

Most undergraduate level courses in Mathematics can be taken once the prerequisite courses have been completed. Any exceptions to waive a prerequisite requirement must be obtained by writing to the Director of Undergraduate Studies.

Students who wish to register for a section of either Supervised Readings and/or Senior Thesis must first identify a faculty sponsor, determine a suitable topic, and obtain written permission from the Director of Undergraduate Studies. Refer to the Undergraduate Research and Senior Thesis section, below.

## Preparing for Graduate Study

Departmental advisors can offer advice about and help with graduate school applications. The Mathematics department also runs a [Master's degree program in mathematical finance](#) and a [Ph.D. program in mathematics](#).

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Comprehensive information on college level coursework taken outside Columbia University are described on the College's [Academic Regulation website](#) or the General Studies [Transfer Credit website](#).

## Advanced Placement

AP or IB calculus may count towards degree requirements, subject to completion of a higher level course:

- The department grants 3 credits for a score of 4 or 5 on the AP Calculus AB exam provided students complete MATH UN1102 CALCULUS II or MATH UN1201 CALCULUS III with a grade of C or better.
- The department grants 3 credits for a score of 4 on the AP Calculus BC exam provided students complete MATH UN1102 CALCULUS II or MATH UN1201 CALCULUS III with a grade of C or better.
- The department grants 6 credits for a score of 5 on the AP Calculus BC exam provided students complete MATH UN1201 CALCULUS III or MATH UN1205 ACCELERATED MULTIVARIABLE CALC or MATH UN1207 HONORS MATHEMATICS A with a grade of C or better.

Students can receive credit for only one calculus sequence. Other college level courses taken during high school may substitute for course prerequisites pending the approval of the Director of Undergraduate Studies, but will not confer credits.

## Barnard College Courses

Any course offered by the Mathematics@Barnard department will count towards degree requirements.

## Transfer Courses

Courses taken at other colleges or universities may be evaluated for transfer credit. A maximum of 16 transfer credits may be granted. A maximum of 6 transfer credits may be counted towards minor requirements.

- Course equivalency requests for any Calculus level course, Linear Algebra, or Ordinary Differential Equations must be submitted to the Calculus Director for evaluation.
- Course equivalency requests for any other mathematics course must be submitted to the Director of Undergraduate Studies for evaluation.

## Study Abroad Courses

Although study abroad is not an integral part of your studies in mathematics, it can provide you with exposure to a different culture and a different educational system, and, as such, can be very fulfilling. You may also want to participate in the Budapest Mathematical Seminar or similar programs in your junior year. Keep in mind, however, that study abroad requires careful planning. If you are seriously considering studying abroad, you should consult with the Director of Undergraduate Studies as early in your program as possible in order to plan your major accordingly and to incorporate study abroad courses that are compatible with your major in mathematics.

## Summer Courses

Any mathematics or approved cognate course offered during the summer session will count towards the degree, with the exception of online only courses, which *do not* count towards degree requirements.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

*MATH UN3901 Supervised Readings I* (fall term only)

*MATH UN3902 Supervised Readings II* (spring term only)

**Prerequisites:** The written permission of the faculty member who agrees to act as sponsor (sponsorship limited to full-time instructors on the staff list), as well as the permission of the Director of Undergraduate Studies. The written permission must be deposited with the Director of Undergraduate Studies before registration is completed.

Guided reading and study in mathematics. A student who wishes to undertake individual study under this program must present a specific project to a member of the staff and secure his or her willingness to act as sponsor. Written reports and periodic conferences with the instructor. Supervising Readings do NOT count towards major requirements, with the exception of an advanced written approval by the Director of Undergraduate Studies.

### Senior Thesis Coursework and Requirements

A Senior Thesis in Mathematics is an original presentation of a subject in pure or applied mathematics from sources in the published literature. The thesis must demonstrate significant independent work of the author. A thesis is expected to be between 20 and 50 pages with complete references and must have a substantial expository component to be well received.

A student who is interested in writing a senior thesis needs to identify a faculty member in the Department of Mathematics as an advisor, determine an appropriate topic, and receive the written approval from the faculty advisor and the Director of Undergraduate Studies. The research of the thesis is conducted primarily during the fall term and the final paper is submitted to the Director of Undergraduate Studies by the end of March.

Students must register for *MATH UN3994 SENIOR THESIS IN MATHEMATICS I* (4 credits) in the fall semester of their senior year. An optional continuation course *MATH UN3995 SENIOR THESIS IN MATHEMATICS II* (2 credits) is available during the spring. The second term of this sequence may not be taken without the first. Registration for the spring continuation course has no impact on the timeline or outcome of the final paper. Sections of Senior Thesis in Mathematics I and II do NOT count towards the major requirements, unless prior written approval is obtained from the Director of Undergraduate Studies.

## Undergraduate Research Outside of Courses

The department runs several undergraduate research programs aimed at math majors. Opportunities are available during the academic year and summer terms.

The Undergraduate Mathematics Society is the department's undergraduate club. Detailed information on membership, Society-sponsored seminars and activities, and archival resources are available on the Society's Web site. The department also sponsors workshops and weekly seminars in mathematics, and posts information about special lectures, conferences, and seminars at nearby schools.

In addition, the Association for Women in Mathematics Columbia Chapter connects students and professors interested in mathematics at Columbia University and Barnard College as part of a broader effort to encourage women and girls to study and to have active careers in the mathematical sciences, and to promote equal opportunity for and the equal treatment of women and girls in the STEM fields.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

To be recommended to the College Committee on Honors, Awards, and Prizes, which makes the final decisions on all honors' recipients, you must have a GPA of 3.63 in the major and have completed a senior thesis of merit. For more information on researching and writing the senior thesis and on departmental honors, you should consult with the Director of Undergraduate Studies. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

### Academic Prizes

#### Putnam Exam

The Putnam exam is a nationwide competitive exam administered each year on the first Saturday in December. A faculty member conducts coaching sessions for students who are interested in competing.

#### Columbia Prizes

Several prizes for excellence in mathematics are awarded each year to undergraduates, based on performance on a prize exam scheduled each spring. These include:

- Professor Van Amringe Mathematical Prize
  - This prize, established in 1910 by George G. Dewitt, Class of 1867, may be awarded to a first year, a sophomore, and a junior student in the College who are deemed most proficient in the mathematical subjects designated during the year of the award.
- John Dash Van Buren Jr. Prize in Mathematics
  - Established in 1906 by Mrs. Louis T. Hoyt in memory of her nephew, John Dash Van Buren, Jr., Class of 1905, this prize may be awarded to a Columbia College senior

degree candidate who writes the best examination in subjects prescribed by the Mathematics Department.

## OTHER IMPORTANT INFORMATION

Other helpful information may be found on the Department of Mathematics website.

## PROFESSORS

- David A. Bayer (Barnard)
- Andrew Blumberg
- Simon Brendle
- Ivan Corwin
- Panagiota Daskalopoulos
- Aise Johan de Jong (Department Chair)
- Daniela De Silva (Barnard Chair)
- Julien Dubedat
- Robert Friedman
- Dorian Goldfeld
- Brian Greene
- Richard Hamilton
- Michael Harris
- Ioannis Karatzas
- Alisa Knizel (Barnard)
- Chiu-Chu Liu
- Dusa McDuff (Barnard)
- Andrei Okounkov
- D. H. Phong
- Ovidiu Savin
- Michael Thaddeus
- Eric Urban
- Mu-Tao Wang

## ASSOCIATE PROFESSORS

- Amol Aggarwal
- Chao Li
- Francesco Lin
- Lindsay Piechnik (Barnard)

## ASSISTANT PROFESSORS

- Elena Giorgi
- Giulia Sacca
- Mehtaab Sawhney

## J.F. RITT ASSISTANT PROFESSORS

- Rostislav Akhmechet
- Amadou Bah
- Deeparaj Bhat
- Jeanne Boursier
- Marco Castronovo
- Brian Harvie

- Qiao He
- Sven Hirsch
- Andres Ibanez Nunez
- Yoonjoo Kim
- Siddhi Krishna
- Gyujin Oh
- Marco Sangiovanni Vincentelli
- Dawei Shen
- Xi Sisi Shen
- Evan Sorensen
- Roger Van Peski
- Lucy Yang

## SENIOR LECTURERS IN DISCIPLINE

- Mikhail Smirnov
- Peter Woit

## LECTURERS IN DISCIPLINE

- George Dragomir

## ON LEAVE

- Fall 2024: Profs. Aggarwal, Bayer, Giorgi, Li, Sawhney, Shen, Wang
- Spring 2025: Profs. Aggarwal, Bayer, Li, Liu, Sawhney, Urban, Wang

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN MATHEMATICS

### PROGRAM PLANNING FOR ALL STUDENTS

#### Placement in the Calculus Sequences

##### Calculus I

Students who have essentially mastered a precalculus course and those who have a score of 3 or less on an Advanced Placement (AP) exam (either AB or BC) should begin their study of calculus with MATH UN1101 CALCULUS I.

##### Calculus II and III

Students with a score of 4 or 5 on the AB exam, 4 on the BC exam, or those with no AP score but with a grade of A in a full year of high school calculus may begin with either MATH UN1102 CALCULUS II or MATH UN1201 CALCULUS III. Note that such students who decide to start with Calculus III may still need to take Calculus II since it is a requirement or prerequisite for other courses. In particular, they **MUST** take Calculus II before going on to MATH UN1202 CALCULUS IV. Students with a score of 5 on the BC exam may begin with Calculus III and do not need to take Calculus II.

Those with a score of 4 or 5 on the AB exam or 4 on the BC exam may receive 3 points of AP credit upon completion of

Calculus II with a grade of C or higher. Those students with a score of 5 on the BC exam may receive 6 points of AP credit upon completion of Calculus III with a grade of C or higher.

#### Accelerated Multivariable Calculus

Students with a score of 5 on the AP BC exam or 7 on the IB HL exam may begin with MATH UN1205 ACCELERATED MULTIVARIABLE CALC. Upon completion of this course with a grade of C or higher, they may receive 6 points of AP credit.

#### Honors Mathematics A

Students who want a proof-oriented theoretical sequence and have a score of 5 on the BC exam may begin with MATH UN1207 HONORS MATHEMATICS A, which is especially designed for mathematics majors. Upon completion of this course with a grade of C or higher, they may receive 6 points of AP credit.

#### Transfer Inside the Calculus Sequences

Students who wish to transfer from one calculus course to another are allowed to do so beyond the date specified on the Academic Calendar. They are considered to be adjusting their level, not changing their program. However, students must obtain the approval of the new instructor and their advising dean prior to reporting to the Office of the Registrar.

#### Grading

No course with a grade of D or lower can count toward the major, interdepartmental major, minor, or concentration.

#### Double Counting

Students who are doing a double major should review the College Bulletin's policy on [Double Counting Courses towards Requirements](#). In general, courses in the Calculus sequence may be counted towards both majors, with up to two additional MATH UN2xxx or higher level courses at the discretion of all approving departments. Students pursuing a minor may double count at most one additional MATH UN2xxx or higher level course.

#### Planning Forms

[Planning forms](#) for all programs are available on our website. These forms should be completed and approved by a department adviser early in the semester of the expected graduation date.

## COURSE NUMBERING STRUCTURE

- 1000-2000 Level courses are intended to be introductory courses (such as the Calculus sequence and Linear Algebra).
- 3000-4000 Level courses cover more advanced mathematics, as well as supervised readings, undergraduate seminars, and senior theses.



- 5000 Level courses are Master’s level courses.
- 6000 Level and above are PhD level courses.

## GUIDANCE FOR FIRST-YEAR STUDENTS

The systematic study of mathematics begins with one of the following three alternative calculus and linear algebra sequences:

MATH UN1101 & MATH UN1102 & MATH UN1201 & MATH UN1202 & MATH UN2010	CALCULUS I and CALCULUS II and CALCULUS III and CALCULUS IV and LINEAR ALGEBRA
OR	
MATH UN1101 & MATH UN1102 & MATH UN1205 & MATH UN2010	CALCULUS I and CALCULUS II and ACCELERATED MULTIVARIABLE CALC and LINEAR ALGEBRA
OR	
MATH UN1101 & MATH UN1102 & MATH UN1207 & MATH UN1208	CALCULUS I and CALCULUS II and HONORS MATHEMATICS A and HONORS MATHEMATICS B

Credit is allowed for only one calculus and linear algebra sequence.

*Calculus I, II* is a standard course in single-variable differential and integral calculus; *Calculus III, IV* is a standard course in multivariable differential and integral calculus; *Accelerated Multivariable Calculus* is an accelerated course in multivariable differential and integral calculus.

While *Calculus II* is no longer a prerequisite for *Calculus III*, students are strongly urged to take it before taking *Calculus III*. In particular, students thinking of majoring or concentrating in mathematics or one of the joint majors involving mathematics should take *Calculus II* before taking *Calculus III*. Note that *Calculus II* is a prerequisite for *Accelerated Multivariable Calculus*, and both *Calculus II* and *Calculus III* are prerequisites for *Calculus IV*.

The third sequence, *Honors Mathematics A/B*, is for exceptionally well-qualified students who have strong Advanced Placement scores. It covers multivariable calculus (MATH UN1201 CALCULUS III - MATH UN1202 CALCULUS IV) and linear algebra (MATH UN2010 LINEAR ALGEBRA), with an emphasis on theory.

## GUIDANCE FOR TRANSFER STUDENTS

Consideration for AP, IB and transfer credit is as follows:

Equivalent to *MATH UN1101 Calculus I*:

- A score of 4 on the Calculus BC Advanced Placement exam.
- A score of 4 or 5 on the Calculus AB Advanced Placement exam.
- A score of 6 on the IB Mathematics: analysis and approaches HL exam (2021 or later) or a score of 6 on the IB HL Mathematics or Further Mathematics exams (2020 or earlier).
- A score of 6 or 7 on the IB Mathematics: applications and interpretation HL exam (2021 or later) or a score of 6 or 7 on the IB SL Mathematics exam (2020 or earlier). This does not include the IB “Mathematical Studies SL” exam.
- An A on the A-Level Mathematics exam or a B in A-Level Further Mathematics exam in the U.K.
- A grade of A in a full year of high school calculus.

Equivalent to *MATH 1101 Calculus I* and *MATH 1102 Calculus II*:

- A score of 5 on the Calculus BC Advanced Placement.
- A score of 7 on the IB Mathematics: analysis and approaches HL exam (2021 or later) or a score of 7 on the IB HL Mathematics or Further Mathematics exams (2020 or earlier).
- An A on the A-Level Further Mathematics exam in the U.K.

## UNDERGRADUATE PROGRAMS OF STUDY

### MAJOR IN MATHEMATICS

The major requires 40-42 points as follows:

Select one of the following three calculus and linear algebra sequences (13-15 points including Advanced Placement Credit):

MATH UN1101 & MATH UN1102 & MATH UN1201 & MATH UN1202 & MATH UN2010	CALCULUS I and CALCULUS II and CALCULUS III and CALCULUS IV and LINEAR ALGEBRA <sup>1</sup>
OR	
MATH UN1101 & MATH UN1102 & MATH UN1205 & MATH UN2010	CALCULUS I and CALCULUS II and ACCELERATED MULTIVARIABLE CALC and LINEAR ALGEBRA <sup>1</sup>
OR	
MATH UN1101 & MATH UN1102 & MATH UN1207 & MATH UN1208	CALCULUS I and CALCULUS II and HONORS MATHEMATICS A and HONORS MATHEMATICS B

12 points in the following courses:

MATH GU4041	INTRO MODERN ALGEBRA I
MATH GU4042	INTRO MODERN ALGEBRA II



MATH GU4061	INTRO MODERN ANALYSIS I <sup>2</sup>
MATH GU4062	INTRO MODERN ANALYSIS II <sup>2</sup>

3 points in the following:

MATH UN3951	UNDERGRADUATE SEMINARS I <sup>3</sup>
or MATH UN3952	UNDERGRADUATE SEMINARS II

12 points from the following:

1) Courses offered by the department numbered 2000 or higher <sup>3</sup>

2) Courses from the list of approved cognate courses below. A maximum of 6 credits may be taken from courses outside the department. <sup>4</sup>

<sup>1</sup> MATH UN2015 Linear Algebra and Probability does NOT replace MATH UN2010 LINEAR ALGEBRA as prerequisite requirements of math courses. Students will not receive full credit for both courses UN2010 and UN2015. Students who have taken MATH UN2015 and consider taking higher level Math courses should contact a major advisor to discuss alternative pathways.

<sup>2</sup> Students who are not contemplating graduate study in mathematics may replace one or both of the two terms of MATH GU4061- MATH GU4062 by one or two of the following courses: MATH UN2500 ANALYSIS AND OPTIMIZATION, MATH UN3007 COMPLEX VARIABLES, MATH UN3028 PARTIAL DIFFERENTIAL EQUATIONS, or MATH GU4032 FOURIER ANALYSIS.

<sup>3</sup> Only one Undergraduate Seminar may count towards the major requirements.

<sup>4</sup> Additional courses may be selected only with prior written approval from the Director of Undergraduate Studies.

The program of study should be planned with a departmental adviser before the end of the sophomore year. Majors who are planning on graduate studies in mathematics are urged to obtain a reading knowledge of one of the following languages: French, German, or Russian.

Majors are offered the opportunity to write an honors senior thesis under the guidance of a faculty member. Interested students should refer to the "Undergraduate Research and Senior Thesis" section on the Overview tab for additional information.



APMA E4901	SEM-PROBLEMS IN APPLIED MATH (junior year)
APMA E4903	SEM-PROBLEMS IN APPLIED MATH (senior year)

18 points in electives, with at least 9 points in Track A electives, or at least 9 points in Track B electives. A maximum of 9 points may be selected from courses outside these tracks, with prior written approval from the Director of Undergraduate Studies.

#### TRACK A

MATH UN2500	ANALYSIS AND OPTIMIZATION
MATH UN2030	ORDINARY DIFFERENTIAL EQUATIONS
MATH UN3007 or MATH GU4065 or APMA E4204	COMPLEX VARIABLES HONORS COMPLEX VARIABLES FUNCTNS OF A COMPLEX VARIABLE
MATH UN3028  or APMA E3102 or APMA E4200	PARTIAL DIFFERENTIAL EQUATIONS  APPLIED MATHEMATICS II: PDE'S PARTIAL DIFFERENTIAL EQUATIONS
MATH GU4032	FOURIER ANALYSIS
MATH GU4061	INTRO MODERN ANALYSIS I
MATH GU4062	INTRO MODERN ANALYSIS II
APMA E4100	Applied Analysis
APMA E4101	APPL MATH III:DYNAMICAL SYSTMS
APMA E4150	APPLIED FUNCTIONAL ANALYSIS
APMA E4300	COMPUT MATH:INTRO-NUMERCL METH
APMA E4301	NUMERICAL METHODS/PDE'S
APMA E6301	ANALYTIC METHODS FOR PDE'S
APMA E6302	NUMERICAL ANALYSIS OF PDE'S

#### TRACK B

COMS W3203	DISCRETE MATHEMATICS
COMS W3261	COMPUTER SCIENCE THEORY
COMS W4231	ANALYSIS OF ALGORITHMS I
COMS W4261	INTRO TO CRYPTOGRAPHY
MATH UN3050	DISCRETE TIME MODELS IN FINANC
MATH GU4155 or IEOR E3658 or STAT GU4203	PROBABILITY THEORY PROBABILITY FOR ENGINEERS PROBABILITY THEORY
MATH GU4156	ADVANCED PROBABILITY THEORY
IEOR E3106  or STAT GU4207	STOCHASTIC SYSTEMS AND APPLICATIONS  ELEMENTARY STOCHASTIC PROCESS
APMA E4008	Advanced and Applied Linear Algebra

APMA E4306	Applied Stochastic Analysis
ECON GU4415	GAME THEORY

<sup>1</sup> MATH UN2015 Linear Algebra and Probability does NOT replace MATH UN2010 LINEAR ALGEBRA as prerequisite requirements of math courses. Students will not receive full credit for both courses UN2010 and UN2015. Students who have taken MATH UN2015 and consider taking higher level Math courses should contact a major advisor to discuss alternative pathways.

## MAJOR IN COMPUTER SCIENCE–MATHEMATICS

The goal of this interdepartmental major is to provide substantial background in each of these two disciplines, focusing on some of the parts of each which are closest to the other. Students intending to pursue a Ph.D. program in either discipline are urged to take additional courses, in consultation with their advisers.

The major requires 20 points in computer science, 19-21 points in mathematics, and two 3-point electives in either computer science or mathematics.

#### Computer Science

COMS W1004  or COMS W1007	Introduction to Computer Science and Programming in Java
COMS W3134  or COMS W3137	Data Structures in Java HONORS DATA STRUCTURES # ALGOL
COMS W3157	ADVANCED PROGRAMMING
COMS W3203	DISCRETE MATHEMATICS
COMS W3261	COMPUTER SCIENCE THEORY
CSEE W3827	FUNDAMENTALS OF COMPUTER SYSTS

#### Mathematics

Select one of the following three calculus and linear algebra sequences (13-15 points including Advanced Placement Credit):

MATH UN1101 & MATH UN1102 & MATH UN1201 & MATH UN1202 & MATH UN2010	CALCULUS I and CALCULUS II and CALCULUS III and CALCULUS IV and LINEAR ALGEBRA <sup>1</sup>
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OR

MATH UN1101 & MATH UN1102 & MATH UN1205 & MATH UN2010	CALCULUS I and CALCULUS II and ACCELERATED MULTIVARIABLE CALC and LINEAR ALGEBRA <sup>1</sup>
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OR

MATH UN1101 & MATH UN1102 & MATH UN1207 & MATH UN1208	CALCULUS I and CALCULUS II and HONORS MATHEMATICS A and HONORS MATHEMATICS B
MATH UN3951	UNDERGRADUATE SEMINARS I
or MATH UN3952	UNDERGRADUATE SEMINARS II
MATH GU4041	INTRO MODERN ALGEBRA I
<b>Electives</b>	
Select two of the following courses:	
MATH BC2006	COMBINATORICS
MATH UN2030	ORDINARY DIFFERENTIAL EQUATIONS
MATH UN2500	ANALYSIS AND OPTIMIZATION
MATH UN3007	COMPLEX VARIABLES
MATH UN3020	NUMBER THEORY AND CRYPTOGRAPHY
MATH UN3025	MAKING, BREAKING CODES
MATH UN3028	PARTIAL DIFFERENTIAL EQUATIONS
MATH UN3386	DIFFERENTIAL GEOMETRY
MATH GU4032	FOURIER ANALYSIS
MATH GU4042	INTRO MODERN ALGEBRA II
MATH GU4051	TOPOLOGY
MATH GU4053	INTRO TO ALGEBRAIC TOPOLOGY
MATH GU4061	INTRO MODERN ANALYSIS I
MATH GU4062	INTRO MODERN ANALYSIS II
COMS W4111	INTRODUCTION TO DATABASES
COMS W4113	FUND-LARGE-SCALE DIST SYSTEMS
COMS W4115	PROGRAMMING LANG # TRANSLATORS
COMS W4118	OPERATING SYSTEMS I
COMS W4119	COMPUTER NETWORKS
COMS W4152	Engineering Software-as-a-Service
COMS W4156	ADVANCED SOFTWARE ENGINEERING
COMS W4160	COMPUTER GRAPHICS
COMS W4167	COMPUTER ANIMATION
COMS W4170	USER INTERFACE DESIGN
COMS W4181	SECURITY I
CSOR E4231	ANALYSIS OF ALGORITHMS I
COMS W4236	INTRO-COMPUTATIONAL COMPLEXITY
COMS W4701	ARTIFICIAL INTELLIGENCE
COMS W4705	NATURAL LANGUAGE PROCESSING
COMS W4731	Computer Vision I: First Principles
COMS W4733	COMPUTATIONAL ASPECTS OF ROBOTICS

CBMF W4761	COMPUTATIONAL GENOMICS
COMS W4771	MACHINE LEARNING
CSEE W4824	COMPUTER ARCHITECTURE
CSEE W4868	SYSTEM-ON-CHIP PLATFORMS

<sup>1</sup> MATH UN2015 Linear Algebra and Probability does NOT replace MATH UN2010 LINEAR ALGEBRA as prerequisite requirements of math courses. Students will not receive full credit for both courses UN2010 and UN2015. Students who have taken MATH UN2015 and consider taking higher level Math courses should contact a major advisor to discuss alternative pathways.

## MAJOR IN ECONOMICS- MATHEMATICS

For a description of the joint major in economics-mathematics, see the *Economics* section of this bulletin.

## MAJOR IN MATHEMATICS- STATISTICS

The program is designed to prepare the student for: (1) a career in industries such as finance and insurance that require a high level of mathematical sophistication and a substantial knowledge of probability and statistics, and (2) graduate study in quantitative disciplines. Students choose electives in finance, actuarial science, operations research, or other quantitative fields to complement requirements in mathematics, statistics, and computer science.

The major requires 38-43 points as follows:

### Mathematics

Select one of the following sequences:

MATH UN1101 & MATH UN1102 & MATH UN1201 & MATH UN2010 & MATH UN2500	CALCULUS I and CALCULUS II and CALCULUS III and LINEAR ALGEBRA and ANALYSIS AND OPTIMIZATION <sup>1</sup>
OR	
MATH UN1101 & MATH UN1102 & MATH UN1205 & MATH UN2010 & MATH UN2500	CALCULUS I and CALCULUS II and ACCELERATED MULTIVARIABLE CALC and LINEAR ALGEBRA and ANALYSIS AND OPTIMIZATION <sup>1</sup>
OR	

MATH UN1207  
& MATH UN1208  
& MATH UN2500

HONORS MATHEMATICS A  
and HONORS MATHEMATICS  
B  
and ANALYSIS AND  
OPTIMIZATION (with approval  
from the adviser)

### Statistics

#### Introductory Course

STAT UN1201      CALC-BASED INTRO TO  
STATISTICS

#### Required Courses

STAT GU4203      PROBABILITY THEORY  
STAT GU4204      STATISTICAL INFERENCE  
STAT GU4205      LINEAR REGRESSION  
MODELS

Select one of the following courses:

STAT GU4207      ELEMENTARY STOCHASTIC  
PROCESS  
STAT GU4262      Stochastic Processes for Finance  
STAT GU4264      STOCHASTIC PROCESSES-  
APPLIED I  
STAT GU4265      STOCHASTIC METHODS IN  
FINANCE

### Computer Science

Select one of the following courses:

COMS W1004      Introduction to Computer Science  
and Programming in Java  
COMS W1005      Introduction to Computer Science  
and Programming in MATLAB  
ENGI E1006      INTRO TO COMP FOR ENG/  
APP SCI  
COMS W1007  
or an advanced computer science offering in programming

### Electives

An approved selection of three advanced courses in mathematics, statistics, applied mathematics, industrial engineering and operations research, computer science, or approved mathematical methods courses in a quantitative discipline. At least one elective must be a Mathematics Department course numbered 3000 or above.

<sup>1</sup> MATH UN2015 Linear Algebra and Probability does NOT replace MATH UN2010 LINEAR ALGEBRA as prerequisite requirements of math courses. Students will not receive full credit for both courses UN2010 and UN2015. Students who have taken MATH UN2015 and consider taking higher level Math courses should contact a major advisor to discuss alternative pathways.

Students interested in modeling applications are recommended to take MATH UN2030 ORDINARY DIFFERENTIAL EQUATIONS and MATH UN3028 PARTIAL DIFFERENTIAL EQUATIONS.

Students interested in finance are recommended to take MATH GR5010 INTRO TO THE MATH OF FINANCE,

STAT GU4261 STATISTICAL METHODS IN FINANCE, and STAT GU4221 TIME SERIES ANALYSIS.

Students interested in graduate study in mathematics or in statistics are recommended to take MATH GU4061 INTRO MODERN ANALYSIS I and MATH GU4062 INTRO MODERN ANALYSIS II.

Students preparing for a career in actuarial science are encouraged to replace STAT GU4205 LINEAR REGRESSION MODELS with STAT GU4282 Linear Regression and Time Series Methods, and to take among their electives STAT GU4281 Theory of Interest.

## MINOR IN MATHEMATICS

The Minor in Mathematics aims to provide students with a solid foundation of mathematical concepts. The program focuses on essential coursework, including multivariable calculus and linear algebra.

The minor functions as a complement to a number of closely related majors, including physics, economics, and computer science. Designed for accessibility, the minor emphasizes foundational understanding rather than proof-based courses, distinguishing it from the comprehensive Mathematics major.

Students in economics, computer science, statistics, physics, and similar natural science programs such as biology and climate science may be particularly interested in the minor. However, its versatile skillset extends beyond these disciplines. Students in language programs, art, and other humanities can also benefit from the minor's quantitative proficiency, enhancing their studies and future career prospects.

Students start with the minor requirements, e.g. with advanced placement sufficient to start the Multivariable Calculus/Linear Algebra component. Upon completion of the minor, students will have acquired the skills and knowledge to carry out basic and advanced computations, formulate and solve problems, both internal to mathematics and arising from real world applications.

The minor consists of 15-17 points, as follows:

1. Multivariable calculus
2. Linear Algebra
3. Three approved elective courses (at least 9 points), two of which must be 2000+ level courses offered by the Mathematics department. The third course may either be an additional course in Math, or selected from a list of approved cognate courses<sup>1</sup>. Only one Undergraduate Seminar in Mathematics (MATH UN3951 UNDERGRADUATE SEMINARS I or MATH UN3952 UNDERGRADUATE SEMINARS II) may count towards the minor requirements.



Multivariable Calculus & Linear Algebra

Select one of the following five multivariable and linear algebra sequences:

MATH UN1202 & MATH UN2010	CALCULUS IV and LINEAR ALGEBRA
OR	
MATH UN1202 & MATH UN2015	CALCULUS IV and Linear Algebra and Probability
OR	
MATH UN1205 & MATH UN2010	ACCELERATED MULTIVARIABLE CALC and LINEAR ALGEBRA
OR	
MATH UN1205 & MATH UN2015	ACCELERATED MULTIVARIABLE CALC and Linear Algebra and Probability
OR	
MATH UN1207 & MATH UN1208	HONORS MATHEMATICS A and HONORS MATHEMATICS B

Electives

Select three elective courses (at least 9 points), two of which must be 2000+ level courses offered by the Mathematics department. The third course may either be an additional course in Math, or selected from a list of approved cognate courses.<sup>1</sup>

Only one Undergraduate Seminar in Mathematics (MATH UN3951 UNDERGRADUATE SEMINARS I or MATH UN3952 UNDERGRADUATE SEMINARS II) may count towards the minor requirements.

<sup>1</sup> See the list of approved cognate courses under the Major in Mathematics

Prerequisites

Prerequisites for the courses in (1) Multivariable calculus and (2) Linear Algebra are as follows:

- MATH UN1202 CALCULUS IV: requires MATH UN1102 CALCULUS II and MATH UN1201 CALCULUS III
- MATH UN1205 ACCELERATED MULTIVARIABLE CALC: requires MATH UN1101 CALCULUS I and MATH UN1102 CALCULUS II
- MATH UN2010 LINEAR ALGEBRA: MATH UN1201 CALCULUS III (strongly recommended)
- MATH UN2015 Linear Algebra and Probability: MATH UN1101 CALCULUS I (strongly recommended)

MINOR IN MATHEMATICAL PROBABILITY

Probability Theory is a core mathematical subject with deep connections to a wide variety of disciplines. Many fundamental probabilistic concepts and problems stem from such fruitful interactions, from material sciences (e.g. percolation) to social sciences and computer science (e.g. random networks). The Minor in Mathematical Probability is a focused minor aiming at providing students majoring in these disciplines with a solid mathematical foundation organized around the probabilistic concepts pertinent to their main program of study. The transversal nature of probability both in science at large, and in terms of university structure, is underlined by the option of satisfying some core and elective requirements in other departments, such as Statistics and Industrial Engineering and Operation Research.

The minor naturally complements programs of study in natural and social sciences. As a focused minor, it also provides students with precise guidance on choices of coursework with direct relevance to and synergy with their major.

Students start with the minor requirements, e.g. with advanced placement sufficient to start the Multivariable Calculus/Linear Algebra component. Upon completion of the minor, students will have acquired core mathematical skillsets motivated and illustrated by interactions with other disciplines, organized around theoretical and applied probability. The specialized structure and designation of the minor may also benefit career and professional development.

The minor consists of 15-17 points, as follows:

1. Multivariable calculus
2. Linear Algebra
3. Probability Theory
4. Two approved elective courses (at least 6 points), at least one of which is an approved course offered by the Mathematics Department. The second course may either be an additional course in Math, or selected from the list of approved cognate courses.

Multivariable Calculus & Linear Algebra

MATH UN1201 & MATH UN2010	CALCULUS III and LINEAR ALGEBRA
OR	
MATH UN1201 & MATH UN2015	CALCULUS III and Linear Algebra and Probability
OR	
MATH UN1205 & MATH UN2010	ACCELERATED MULTIVARIABLE CALC and LINEAR ALGEBRA
OR	

MATH UN1205  
& MATH UN2015 ACCELERATED  
MULTIVARIABLE CALC  
and Linear Algebra and  
Probability

OR

MATH UN1207  
& MATH UN1208 HONORS MATHEMATICS A  
and HONORS MATHEMATICS  
B

### Probability Theory

MATH GU4155 PROBABILITY THEORY  
or STAT GU4203 PROBABILITY THEORY  
or IEOR E3658 PROBABILITY FOR ENGINEERS

### Electives

Select two elective courses (at least 6 points), at least one of which is an approved course offered by the Mathematics Department. The second course may either be an additional course in Math, or selected from the list of approved cognate courses below.

#### Approved Mathematics Electives

MATH UN2030 ORDINARY DIFFERENTIAL  
EQUATIONS

MATH UN2500 ANALYSIS AND  
OPTIMIZATION

MATH UN3028 PARTIAL DIFFERENTIAL  
EQUATIONS

MATH UN3050 DISCRETE TIME MODELS IN  
FINANC

MATH GU4061 INTRO MODERN ANALYSIS I

MATH GU4062 INTRO MODERN ANALYSIS II

MATH GU4156 ADVANCED PROBABILITY  
THEORY

#### Approved Cognate Electives

COMS W3203 DISCRETE MATHEMATICS

IEOR E3106 STOCHASTIC SYSTEMS AND  
APPLICATIONS

PHIL GU4561 PROBABILITY & DECISION  
THEORY

PHYS GU4023 THERMAL & STATISTICAL  
PHYSICS

STAT GU4204 STATISTICAL INFERENCE

STAT GU4207 ELEMENTARY STOCHASTIC  
PROCESS

STAT GU4262 Stochastic Processes for Finance

STAT GU4264 STOCHASTIC PROCESSES-  
APPLICATIONS I

## Prerequisites

Prerequisites for the courses in (1) Multivariable calculus and (2) Linear Algebra are as follows:

- MATH UN1201 CALCULUS III: requires MATH UN1101 CALCULUS I
- MATH UN1205 ACCELERATED MULTIVARIABLE CALC: requires MATH UN1101 CALCULUS I and MATH UN1102 CALCULUS II

- MATH UN2010 LINEAR ALGEBRA: MATH UN1201 CALCULUS III (strongly recommended)
- MATH UN2015 Linear Algebra and Probability: MATH UN1101 CALCULUS I (strongly recommended)

Prerequisites for the courses in (3) Probability Theory are as follows:

- MATH GU4155 PROBABILITY THEORY: MATH GU4061 INTRO MODERN ANALYSIS I (approved elective)
- STAT GU4203 PROBABILITY THEORY: At least one semester, and preferably two, of calculus. An introductory course (STAT UN1201 CALC-BASED INTRO TO STATISTICS, preferably) is strongly recommended
- IEOR E3658 PROBABILITY FOR ENGINEERS: Solid knowledge of calculus, including multiple variable integration

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR CONCENTRATION IN MATHEMATICS

The concentration requires the following:

### Mathematics

Select one of the following three multivariable calculus and linear algebra sequences:

MATH UN1201 CALCULUS III  
& MATH UN1202 and CALCULUS IV  
& MATH UN2010 and LINEAR ALGEBRA <sup>1</sup>

OR

MATH UN1205 ACCELERATED  
& MATH UN2010 MULTIVARIABLE CALC  
and LINEAR ALGEBRA <sup>1</sup>

OR

MATH UN1207 HONORS MATHEMATICS A  
& MATH UN1208 and HONORS MATHEMATICS  
B

### Additional Courses

Select at least 12 additional points from any of the courses offered by the department numbered 2000 or higher. A maximum of 3 credits may be taken from courses outside the department. <sup>2</sup>

<sup>1</sup> MATH UN2015 Linear Algebra and Probability does NOT replace MATH UN2010 LINEAR ALGEBRA as prerequisite requirements of math courses. Students will not receive full credit for both courses UN2010 and UN2015. Students who have taken MATH UN2015 and consider taking higher

level Math courses should contact a major advisor to discuss alternative pathways.

<sup>2</sup> For mathematics courses taken in other departments, consult with the Director of Undergraduate Studies.

Any course given by the Mathematics department fulfills the General Studies quantitative reasoning requirement when passed with a satisfactory letter grade.

# MEDIEVAL AND RENAISSANCE STUDIES

Department website: <http://www.medren.columbia.edu>

Office location: 653-A Ext. Schermerhorn Hall

Office contact: 212-853-4200, [medren@columbia.edu](mailto:medren@columbia.edu)  
([videogameugrad@columbia.edu](mailto:videogameugrad@columbia.edu))

**Program Director:** Dr. Susan Boynton, Professor of Music, 621 Dodge Hall, [slb184@columbia.edu](mailto:slb184@columbia.edu)

**Program Administrator:** Lauren Palmer, 653-A Ext. Schermerhorn Hall, [medren@columbia.edu](mailto:medren@columbia.edu)

Medieval and Renaissance studies is an interdisciplinary program in which a student combines a minor in medieval or Renaissance civilization with a major or concentration in one of the following departments:

- Art History and Archaeology
- Classics
- East Asian Languages and Cultures
- English and Comparative Literature
- French and Romance Philology
- Germanic Languages
- History
- Italian
- Latin American and Iberian Cultures
- Middle Eastern, South Asian, and African Studies
- Music
- Philosophy
- Religion
- Slavic Languages

For more information about the special concentration in medieval and Renaissance studies, visit <http://medren.columbia.edu/>.

## EXECUTIVE COMMITTEE OF THE INTERDEPARTMENTAL COMMITTEE ON MEDIEVAL AND RENAISSANCE STUDIES

Christopher Baswell (English and Comparative Literature)  
Susan Boynton (Music; Program Director, Medieval and Renaissance Studies)  
Emily Runde (Rare Book and Manuscript Library)  
Gregory Bryda (Art History and Archaeology)  
Seth Kimmel (Latin American and Iberian Cultures)  
Alan Stewart (English and Comparative Literature)  
Michael Waters (Art History and Archaeology)

Jeffrey Wayno (Columbia University Libraries)  
Hannah Weaver (English and Comparative Literature)

**Full Faculty List:** <https://medren.columbia.edu/content/faculty>

## UNDERGRADUATE PROGRAMS OF STUDY

### Minor in Medieval and Renaissance Studies

Students can earn a minor in Medieval and Renaissance Studies by taking five (5) courses (15-20 points) offered by any of the following departments:

Art History and Archaeology; Classics; East Asian Languages and Cultures; English and Comparative Literature; French and Romance Philology; Germanic Languages; History; Italian; Latin American and Iberian Cultures; Middle Eastern, South Asian, and African Studies; Music; Philosophy; Religion; Slavic Languages.

Courses are to be chosen in consultation with the Director of Medieval and Renaissance Studies, and **courses choices must be approved** in order to count for the minor.

Approved courses usually have a primary focus on the period between 500 and 1700 CE.

### Language Requirement

Students must demonstrate an ability to work with original language sources (other than in Early Modern English) from the medieval and/or Early Modern periods, either through coursework focusing on the historical language (e.g., LATN UN3033 Medieval Latin; MDES GU4214 Fourth Year Classical Arabic I) or through research (e.g., a senior thesis or seminar paper with substantial use of original language sources).

Any courses used to demonstrate the language requirement may also count toward the course requirement for the minor. Students must gain approval of the Director of Medieval and Renaissance Studies before registering for courses to fulfill this language requirement.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Special Concentration in Medieval and Renaissance Studies

Students considering the special concentration in medieval and Renaissance studies should consult with the director in advance of course registration to ensure that their selection of courses will count towards the special concentration.

*Please note that requirements for the Special Concentration were revised November 2017.*

In addition to fulfilling the requirements for a departmental major or concentration, students with this special concentration should plan on taking an additional four (4) courses in other departments of the program, to be chosen in consultation with an appropriate member of the committee.

Students must also demonstrate an ability to work with original language sources (other than in Early Modern English) from the medieval and/or Early Modern periods, either through language coursework focusing on the historical language (e.g., LATN UN3033 MEDIEVAL LANGUAGE # LITERATURE, MDES GU4214 FOURTH YEAR CLASSICAL ARABIC I) or through research (e.g., a senior thesis or seminar paper with substantial use of original language sources). Any courses outside the major used to demonstrate the language requirement may also count toward the course requirement for the special concentration. Students should gain approval of the director of the program in advance for plans to fulfill this language requirement.



# MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

**Departmental Office:** 401 Knox; 212-854-2556  
<http://mesaas.columbia.edu>

**Director of Undergraduate Studies:** Hamid Dabashi,  
416 Knox Hall, 212-854-7524; [av3096@columbia.edu](mailto:av3096@columbia.edu)  
([hd14@columbia.edu](mailto:hd14@columbia.edu))

## Language Coordinators:

*African Languages:* Mariame Sy, 310 Knox; 212-851-2439;  
[sms2168@columbia.edu](mailto:sms2168@columbia.edu)

*Arabic:* Taoufik Ben Amor, 308 Knox; 212-854-2985;  
[tb46@columbia.edu](mailto:tb46@columbia.edu)

*Armenian:* Charry Karamanoukian, 311 Knox; 212-851-7083;  
[ck2444@columbia.edu](mailto:ck2444@columbia.edu)

*Hebrew:* Naama Harel, 413 Knox, 212-854-6519;  
[nh2508@columbia.edu](mailto:nh2508@columbia.edu)

*Hindi/Urdu:* Rakesh Ranjan, 411 Knox; 212-851-4107;  
[rr2574@columbia.edu](mailto:rr2574@columbia.edu)

*Persian:* Saeed Honarmand, 313 Knox; [sh3468@columbia.edu](mailto:sh3468@columbia.edu)

*Sanskrit:* Jay Ramesh, 311 Knox;  
212-854-2893; [jr3203@columbia.edu](mailto:jr3203@columbia.edu)

*Tamil:* Jay Ramesh, 311 Knox;  
212-854-2893; [jr3203@columbia.edu](mailto:jr3203@columbia.edu)

*Turkish:* Zuleyha Mary Fikret, 313 Knox; 212-854-0473;  
[zc2208@columbia.edu](mailto:zc2208@columbia.edu)

The undergraduate program in Middle Eastern, South Asian, and African studies (MESAAS) offers students the opportunity to study in depth the cultures, ideas, histories, and politics of several overlapping world regions. The program emphasizes a close engagement with intellectual traditions, creative movements, and political debates, drawing on a wide variety of historical and contemporary sources in literature, religion, political thought, law, the visual and performing arts, and new media. Courses also examine the historical and cultural contexts in which these traditions and debates have been produced.

## MAJORS AND CONCENTRATIONS

Majors develop two closely related skills. The first is linguistic expertise. A minimum of two years of course work in one language is required, and further work (including intensive summer language study) is greatly encouraged, because the aim is to study a cultural field through its own texts and discourses. The Department of Middle Eastern, South Asian, and African Studies offers courses in Arabic, Persian, Ottoman, Turkish, Hebrew, Armenian, Sanskrit, Hindi/Urdu, Tamil, Swahili and Wolof.

The second skill is learning how to think and write about complex cultural formations, drawing on a variety of methods and disciplinary approaches. The approaches vary according

to the faculty members' expertise, incorporating methods from relevant fields in the humanities and social sciences, such as literary criticism, film studies, cultural studies, political theory, and intellectual history.

The only difference between the MESAAS major and the concentration is that the latter does not require language proficiency.

## PROFESSORS

Gil Anidjar  
Muhsin J. Ali al-Musawi  
Partha Chatterjee (*emeritus*)  
Hamid Dabashi  
Mamadou Diouf  
Laura Fair  
Wael Hallaq  
Gil Hochberg  
Sudipta Kaviraj  
Rashid Khalidi  
Mahmood Mamdani  
Joseph Massad  
Brinkley Messick  
Dan Miron (*emeritus*)  
Timothy Mitchell  
Sheldon Pollock (*emeritus*)  
Frances Pritchett (*emerita*)  
Anupama Rao  
George Saliba (*emeritus*)  
Jennifer Wenzel

## ASSOCIATE PROFESSORS

Mana Kia  
Debashree Mukherjee  
Alison Vacca

## ASSISTANT PROFESSORS

Isabel Huacuja Alonso  
Jonathan Peterson  
Sarah bin Tyeer  
Elaine van Dalen  
Elleni Centime Zeleke

## SENIOR LECTURERS

Aftab Ahmad  
May Ahmar  
Taoufik Ben Amor  
Zuleyha Fikret  
Reem Faraj  
Naama Harel  
Saeed Honarmand  
Charry Karamanoukian  
Abdul Nanji  
Youssef Nouhi

Rakesh Ranjan  
Mariame Sy

## LECTURERS

Ouijdane Absi  
Nasr Abdo  
Rym Bettaieb  
Illan Gonen  
Christine Marrewa Karwoski  
Daniel Katz Shenhar

## ADJUNCT FACULTY

Timsal Masud  
Khatchig Mouradian

## VISITING FACULTY

Humeira Iqtidar

## 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 MDES UN1003 Premodern Islamic Worlds. Students keen on learning more about South Asia would take ASCM UN2357 INTRO TO INDIAN CIVILIZATION, HSME UN3810 History of South Asia I: al-Hind to Hindustan, or HIST W3811 South Asia II: Empire and Its Aftermath. The introductory course generally recommended for students interested in Africa is MDES UN2030 Major Debates in the Study of Africa.

### Required Core Courses

All majors must take two additional core courses. The first is a small seminar in which they explore some of the classic texts of the region, either AHUM UN1399 COLLOQUIUM ON MAJOR TEXTS: MIDDLE EAST/INDIA (for those focusing on the Middle East and South Asia) or AFCV UN1020 AFRICAN CIVILIZATION (for those focusing on Africa).

With this background, students are ready to take MDES UN3000 THEORY AND CULTURE generally in the junior or senior year. This course examines critical approaches to the study of

language, culture, and politics and encourages students to reflect on their own work from many different perspectives.

## Additional Requirements

Fifteen additional points (generally five courses) are chosen in consultation with the director of undergraduate studies. These may include six points of coursework from other departments, subject to the director of undergraduate studies' approval. Although students may have a particular interest (e.g., Arab political thought, Urdu literature, Armenian history, Iranian cinema, or contemporary West Africa), they are encouraged to gain exposure to the fullest range of courses and approaches offered by the faculty, and to familiarize themselves with other regions beyond their core area.

## In Fulfillment of the Language Requirement (for Majors)

Enrollment in language courses is in some cases determined by placement exams. For more information, see *Languages* on the [departmental website](#) and, if necessary, consult the relevant Coordinator listed on that page. The website includes separate pages for each language, describing the program of instruction, courses for heritage speakers, summer language programs, and more. Language courses must be taken for a letter grade. Pass/D/Fail or Registration credit (R) is not permitted. Those seeking to waive a language requirement must take a proficiency test.

Students who enter with language proficiency at only the second-year level must complete one additional year of language study and one additional MESAAS course. When students enter with language proficiency at the third year level (or in cases where only two years of a particular language are offered in MESAAS), they must substitute three additional MESAAS courses.

## Advising

Newly declared majors and concentrators should meet with the director of undergraduate studies in order to plan a program of study. The goal is to strike a balance between courses that help a student achieve depth in a particular area/discipline and those that foster a wider perspective.

Although students are encouraged to approach faculty in the department based on their specific interests, the director of undergraduate studies functions as an ad hoc adviser for all entering students, addressing issues of course requirements, credit, approval for courses in other departments or schools, study abroad, and, eventually, honors requirements (including the senior thesis). Students should not hesitate to contact the director of undergraduate studies to set up an appointment.

## Grading

Courses in which the grade of D has been received do not count toward the major or concentration requirements, nor do those

taken Pass/D/Fail, except for the first course taken toward the major or concentration.

## Honors Program/Senior Thesis

Students may also wish to write a thesis. While not required for graduation, the thesis enables a student to be considered for departmental honors. It is advisable to begin planning for the thesis during the student's junior year. Interested students should attend the relevant information sessions and identify a potential faculty adviser.

All students who wish to write a thesis must enroll in MDES UN3960 HONORS THESIS SEMINAR PART 1, a full year course consisting of a 1-point segment in the Fall semester and a 3-point segment in the Spring semester. Students work closely with their peers in a supportive environment to produce a substantial piece of research (in the range of 40 pages). The primary intellectual guidance is provided by the faculty adviser, whereas the director of undergraduate studies and the honors seminar teaching assistant oversee the general development of the project. Every year in April, MESAAS hosts a senior colloquium in which students present their research. For more information on the honors program, see *Frequently Asked Questions* on the [departmental website](#).

For additional guidelines, see *Departmental Honors* as outlined in the *Academic Honors, Prizes, and Fellowships* section of the Columbia College Bulletin.

## MAJOR IN MIDDLE EASTERN, SOUTH ASIAN, AND AFRICAN STUDIES

Students should obtain a [Major Declaration](#) form from their advising dean and bring it to the director of undergraduate studies for approval. The director of undergraduate studies meets with students as necessary in order to establish and approve their individual programs of study. The requirements for the major are as follows:

Select a one-term introductory culture course, to be approved by the director of undergraduate studies

AHUM UN1399	COLLOQUIUM ON MAJOR TEXTS: MIDDLE EAST/INDIA
MDES UN3000	THEORY AND CULTURE

Select two years of a language regularly taught in the department, or substitutional courses for students who test out of this requirement with the approval of the director of undergraduate studies

Select 15 points of coursework, which may include up to six points from other departments, selected in consultation with the director of undergraduate studies

### The MESAAS Major and its 'tracks'

Students majoring in MESAAS are studying the languages, and central cultural and political aspects of the societies of the Middle East, South Asia, and Africa, in past and present. This can be done either with a focus on one of these three regions, i.e. the 'African Studies', the 'South Asian Studies', or the 'Middle Eastern Studies' track, or a comparative perspective on them, the 'combined track'.

The coursework for each of those 'tracks' is composed of the same five elements: 1. an approved Introductory course; 2. a seminar on texts from the region; 3. 'Theory and Culture'; 4. five approved elective courses; 5. the regional language requirement.

Note that some MESAAS courses are already comparative by design and connect more than one region: for example, *Societies and Cultures Across the Indian Ocean*, or *Postcolonial Thought*, or courses on Persianate culture that include North India, or Middle East courses that include North Africa. These may satisfy requirements for more than one track, subject to approval by the Director of Undergraduate Studies (DUS).

### African Studies

1. MDES UN3130 Major Debates in the Study of Africa or another approved introductory lecture course.
2. CC1020 African Civilization
3. MDES UN3000 Theory and Culture
4. Five additional courses on Africa, such as: *South African Literature and Culture: Apartheid and After*; *East Africa and the Swahili Coast*; or *Pan Africanism* (see the [Courses](#) page for more options). You may include up to two courses from other departments, in fields such as African history, politics, and philosophy, the anthropology of Africa, and African art, subject to the approval of the Director of Undergraduate Studies. For a listing of courses in other departments, see [here](#).
5. Language: A minimum of two years of course work in Swahili, Wolof, Arabic, Pulaar, or another African language. See the MESAAS language programs [here](#). Those already fluent in an African language may substitute other courses—see [FAQ](#). Not required for the concentration.

### Middle Eastern Studies

1. MDES UN1003 Premodern Islamic Worlds or another approved introductory lecture course.
2. Asian Humanities UN1399 Major Texts: Middle East/India
3. MDES UN3000 Theory and Culture
4. Five additional courses on the Middle East, such as: *Arabic Self-Narratives*; *Central Questions in Islamic Law*, *Palestinian-Israeli Politics and Society*, or *Epics and Empires* (see the [Courses](#) page for more options). You may include up to two courses from other departments, in fields such as Middle Eastern history, politics, and anthropology, or Islamic art, subject to the approval of the Director of Undergraduate Studies. Find a list of Middle East courses in other departments [here](#).
5. Language: A minimum of two years of coursework in Arabic, Hebrew, Persian, Turkish, or Armenian. See the MESAAS language programs [here](#). Those already fluent

in a Middle Eastern language may substitute other courses—see [FAQ](#). Not required for the concentration.

#### South Asian Studies

1. MDES UN2357 Indian Civilization or another approved introductory lecture course.
2. Asian Humanities UN3399 Major Texts: Middle East/India
3. MDES UN3000 Theory and Culture
4. Five additional courses on South Asia, such as: Mughal India; Gandhi and his Interlocutors; or Cinemas of India(see the Courses page for more options). You may include up to six points of course work from other departments, in fields such as South Asian history, politics, and anthropology, or Indian art, subject to the approval of the Director of Undergraduate Studies. Find a list of South Asia courses in other departments [here](#).
5. Language: A minimum of two years of course work in Hindi/Urdu, Sanskrit, Persian, or other South Asian languages. See the MESAAS language programs [here](#). Those already fluent in a South Asian language may substitute other courses—see [FAQ](#). Not required for the concentration.

#### Combined

There is also a combined option. For this, you may satisfy the five requirements by choosing courses from any of the three tracks.

1. An approved introductory lecture course.
2. Asian Humanities UN1399 Major Texts: Middle East/India – OR: CC1020 African Civilization
3. MDES UN3000 Theory and Culture
4. Five additional courses, fitting one's course of study, to be approved by DUS
5. Language: A minimum of two years of course work in any of the regional MESAAS languages, to be approved by the DUS.

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## 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.



# MUSIC

## DEPARTMENT OF MUSIC:

Department Website: <https://music.columbia.edu/>

Office Location: 621 Dodge Hall

Office Phone: 212-854-3825

Contacts:

Director of Undergraduate Studies: Prof. Aaron Fox, 804 Dodge; 212-854-7185; [aaf19@columbia.edu](mailto:aaf19@columbia.edu)

Music Humanities Chair: Prof. Benjamin Steege, 609 Dodge; 212-851-1750; [benjamin.steege@columbia.edu](mailto:benjamin.steege@columbia.edu)

Music Performance Program Director: Magdalena Stern-Baczewska, 618A Dodge; 212-854-2348; [mb3713@columbia.edu](mailto:mb3713@columbia.edu)

## THE STUDY OF MUSIC

The music Major, Minor in Music and SEAS Music Minor provide aspiring music scholars and/or musicians with a wide range of ways to think about music (theoretical, historical, cultural, compositional and performance-related) and to concentrate on the aspects of music that most interest them—from popular to 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 or minor in music.

## MUSIC MAJOR & MINORS

The Department of Music at Columbia University and Barnard College currently offers undergraduate courses and programs of study (Major in Music, Minor in Music and SEAS Music Minor) for the four following schools: Columbia College, Barnard College, General Studies and the School of Engineering and Applied Sciences. Starting in the 2024 - 2025 academic year, the Concentration in Music will begin to be phased out.

## MUSIC PERFORMANCE PROGRAM

The Music Performance Program (MPP) is a division of the Department of Music which supports music making of the highest caliber, by creating learning and performance opportunities for undergraduate students, regardless of their academic major. While we do not offer degrees in music performance, we provide a high-quality offering to student musicians from across Columbia University that includes a wide array of for-credit Classical, Jazz, Pop/Contemporary and World Music ensembles and lessons in addition to the Columbia

University Orchestra. The Minor in Music, new in the 2024 - 2025 academic year, offers a Pathway in Performance.

For information on auditions, registration and other aspects of performance not included below, please contact contact Magdalena Stern-Baczewska, Director of the Music Performance Program or visit [mpp.music.columbia.edu](http://mpp.music.columbia.edu)

Students with questions about the Columbia-Juilliard programs should consult Special Programs in this Bulletin or [mpp.music.columbia.edu/content/columbia-juilliard-program](http://mpp.music.columbia.edu/content/columbia-juilliard-program)

## Lessons

Individual instrument lessons listed under Courses of Instruction are 6 hours per semester and are 1 credit courses.

Voice lessons at Barnard College are 12 hours per semester and are 2 credit courses. There is a \$300 lesson fee per semester for each instrumental lesson course (note that Columbia College, General Studies & SEAS students who receive institutional need based grants from Columbia will receive a credit for the music lesson fees as part of their financial aid package) and \$500 per semester for each Barnard voice lesson course. Auditions are only offered in the fall semester and courses are a one year commitment. Lessons are graded as pass/fail only.

## Ensembles

Participation in the following ensembles is open to all members of the University community. Students who wish to receive course credit may register for 1 point per semester for these courses as listed. Ensembles receive letter grades only.

See Music Performance Program [website](#) for audition and activity information about all of the below.

## MasterClass

Performance Seminar MasterClass (MPP UN1601) is open to classical musicians of any instrument(s) with the highest commitment to performance. Students are admitted via live audition during the first week of classes in the Fall. Each week, two students perform repertoire of their choice for the class and receive feedback from everyone present. The discussions, moderated by the director of the Music Performance Program, Dr. Magdalena Stern-Baczewska, are designed to provide constructive criticism to the performers and to pose questions related to performance from the perspectives of musical interpretation, career management, professional collaboration, and pedagogy.

## Practice Rooms

Please see [Practice Rooms and Policies](#) for the most up to date information.

## DEPARTMENTAL HONORS

For departmental honors, see the Director of Undergraduate Studies during the first week of the first semester of senior year.



A formal written proposal is required. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

## PROFESSORS

Marcos Balter  
Susan Boynton  
Joseph Dubiel  
Walter Frisch  
Bradford Garton  
Giuseppe Gerbino  
Georg Friedrich Haas  
George Lewis  
Elaine Sisman  
Christopher Washburne

## ASSOCIATE PROFESSORS

Alessandra Ciucci  
Kevin A. Fellezs  
Aaron Fox  
Mariusz Kozak  
Benjamin Steege

## ASSISTANT PROFESSORS

Knar Abrahamyan  
Zosha Di Castri  
Julia Doe  
Ruth Opara

## LECTURERS & SR. LECTURERS

Audrey Amsellem  
Nandini Banerjee  
Seth Cluett  
Scott Douglass  
Gabrielle Ferrari  
Saad Haddad  
Velia Ivanova  
Hannah Kendall  
Cheng Wei Lim  
Anna Meadors  
Jeffrey Milarsky  
Russell O'Rourke  
Magdalena Stern-Baczewska  
Peter Susser  
Lucy Turner  
Thomas Wetmore

## ASSOCIATES IN MUSIC PERFORMANCE

Sarah Adams  
Dmitry Alexeev  
Gail Archer (Barnard)

Amadi Azikiwe  
Eliot Bailen  
Cyrus S. Beroukhim  
Allen Blustine  
Vicki Bodner  
Paul Bollenback  
Maja Cerar  
Vince Cherico  
Christine Correa  
Brad Gemeinhardt  
John David Gibson  
June Han  
Patrick Jee  
Sue Ann Kahn  
James Kerr  
Lisa Kim  
Louis Kosma  
David Krauss  
Yumi Kurosawa  
Ingrid Laubrock  
Mirna Lekic  
Victor Lin  
Lish Lindsey  
Paul-Martin Maki  
Ole Mathisen  
James Moore  
Ugonna Okegwo  
Muneko Otani  
Susan Palma-Nidel  
Adam Robinson  
Richard Rood  
Susan Rotholz  
Don Sickler  
Michael Skelly  
Ian Sullivan  
Helen Sung  
Kathleen Tagg  
Jessica Thompson  
Mark Timmerman  
Leo Traversa  
Reiko Uchida  
Jeffrey Warschauer  
James Wilson

## ON LEAVE

George Lewis (2024 - 2025)  
Peter Susser (Spring '25)

## MUSIC THEORY, EAR-TRAINING & LANGUAGE GUIDELINES FOR MUSIC MAJORS AND MINORS

A program of study should be planned with the Director of Undergraduate Studies (DUS) in the first semester of the sophomore year.

## Music Theory & Ear-Training

All music majors and existing concentrators are required to take the Music Theory sequence through Music Theory IV and the Ear-Training sequence through Ear-Training IV. These courses are optional for the new Minor in Music. Placement exams are given prior to your initial enrollment in both the Music Theory sequence and Ear-Training sequence, to determine at what level you will be placed in each. For students who do not place in Music Theory I and/or Ear Training I (or higher) on the placement exam, you must complete these pre-requisite course(s) before you can start the corresponding sequence(s). The pre-reqs do not count towards the points required for the major & concentration:

MUSI UN1002 FUNDAMENTALS OF MUSIC and MUSI UN1312 INTRODUCTORY EAR-TRAINING.

## Language Recommendations

For students who plan to do graduate work in music, studying German, French, Italian and/or Latin is recommended.

## MAJOR IN MUSIC

The major in music requires a minimum of 40 points, including the following courses:

Required to complete up to Music Theory IV; Fundamentals pre-req required if you don't test into Music Theory I or higher:

MUSI UN1002	FUNDAMENTALS OF MUSIC
MUSI UN2318	MUSIC THEORY I
MUSI UN2319	MUSIC THEORY II
MUSI UN3321	MUSIC THEORY III
MUSI UN3322	MUSIC THEORY IV

Required to complete up to Ear-Training IV; Intro Ear-Training pre-req required if you don't test into ET I or higher:

MUSI UN1312	INTRODUCTORY EAR-TRAINING
MUSI UN2314	EAR-TRAINING I
MUSI UN2315	EAR-TRAINING II
MUSI UN3316	EAR-TRAINING III
MUSI UN3317	EAR-TRAINING IV

Required to complete both History courses:

MUSI UN3128	HIST-WEST MUS: MID AGE-BAROQUE
MUSI UN3129	HIST-WEST MUS: CLASSICAL-20TH CENTURY

Required to complete Topics course:

MUSI UN3400	TOPICS IN MUSIC & SOCIETY
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Electives: At least two 3000- or 4000-level electives.

The remaining points are to be earned through 1000-level MPP courses, 2000, 3000 or 4000-level courses subject to these constraints:

1. No more than 6 points of 2000-level courses.

2. No more than 4 points of 1000-level MPP courses (list below):

### Performance Credit/MPP Courses

MPP UN1401	BASSOON INSTRUCTION
MPP UN1403	CELLO INSTRUCTION
MPP UN1405	CLARINET INSTRUCTION
MPP UN1407	CLASSICAL SAXOPHONE INSTRUCTION
MPP UN1409	FLUTE INSTRUCTION
MPP UN1411	FRENCH HORN INSTRUCTION
MPP UN1413	GUITAR (BLUEGRASS) INSTRUCTION
MPP UN1414	Guitar (Popular-Contemporary) Instruction
MPP UN1415	GUITAR (CLASSICAL) INSTRUCTION
MPP UN1417	HARP INSTRUCTION
MPP UN1419	OBOE INSTRUCTION
MPP UN1421	ORGAN INSTRUCTION
MPP UN1423	PERCUSSION INSTRUCTION
MPP UN1425	PIANO INSTRUCTION
MPP UN1427	STRING BASS INSTRUCTION
MPP UN1429	TROMBONE INSTRUCTION
MPP UN1431	TRUMPET INSTRUCTION
MPP UN1433	TUBA INSTRUCTION
MPP UN1435	VIOLA INSTRUCTION
MPP UN1437	VIOLIN INSTRUCTION
MPP UN1443	JAZZ BASS INSTRUCTION
MPP UN1445	JAZZ BASS (ELECTRIC) INSTRUCTION
MPP UN1447	JAZZ GUITAR (ELECTRIC) INSTRUCTION
MPP UN1449	JAZZ ORCHESTRATION
MPP UN1451	JAZZ PERCUSSION INSTRUCTION
MPP UN1453	JAZZ PIANO INSTRUCTION
MPP UN1455	JAZZ SAXOPHONE INSTRUCTION
MPP UN1457	JAZZ TROMBONE INSTRUCTION
MPP UN1459	JAZZ TRUMPET INSTRUCTION
MPP UN1461	JAZZ VOICE INSTRUCTION
MPP UN1511	COLLEGIUM MUSICUM
MPP UN1521	UNIVERSITY ORCHESTRA I
MPP UN1531	CHAMBER ENSEMBLE
MPP UN1541	COLUMBIA UNIV JAZZ ENSEMBL
MPP UN1551	WORLD MUSIC ENSEMBLE
MPP UN1601	Performance Seminar MasterClass

## MINOR IN MUSIC (NEW IN 2024)

The new Minor in Music is organized around pathways of personal interest, designed with the guidance of an advisor in the Department of Music. Any combination of 15 credits from the Music course list will fulfill the minor. Of those 15 credits, up to 6 maximum performance credits, consisting of lessons and/or ensembles, are allowed for any pathway (please note students must audition and be accepted into the Music Performance Program in order to register for lessons and/or ensembles).

Below are recommended pathways that students can use as a guide if they have interest in the areas of Music Studies, Music Production, Jazz, Performance or Composition. The courses listed in these pathways are not required and serve only as suggestions to students with interests in these areas.

All students interested in the Minor in Music should reach out to the Director of Undergraduate Studies, who will refer you to an advisor.

### Pathway: Music Studies

Required to complete one Theory course (determined by placement test):

MUSI UN1002	FUNDAMENTALS OF MUSIC
MUSI UN2318	MUSIC THEORY I
MUSI UN2319	MUSIC THEORY II
MUSI UN3321	MUSIC THEORY III

Required to complete one History course:

MUSI UN3128	HIST-WEST MUS: MID AGE-BAROQUE
MUSI UN3129	HIST-WEST MUS:CLASSICAL-20TH CENTURY

Required to complete Topics course:

MUSI UN3400	TOPICS IN MUSIC # SOCIETY
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Electives: One 1000- or 2000- or 3000- or 4000-level elective.

Electives: One 1000- or 2000- or 3000- or 4000-level elective or three performance points from UN1401 - UN1461 and/or UN1511 - UN1551.

### Pathway: Music Production

Required to complete these three courses:

MUSI UN2205	INTRODUCTION TO DIGITAL MUSIC
MUSI UN2230	History and Practice of Electronic Music
MUSI GU4630	RECORDED SOUND

Required to complete three Ear-Training courses or one Music Theory course (determined by placement test):

MUSI UN1312	INTRODUCTORY EAR-TRAINING
MUSI UN2314	EAR-TRAINING I
MUSI UN2315	EAR-TRAINING II
MUSI UN3316	EAR-TRAINING III
MUSI UN3317	EAR-TRAINING IV
MUSI UN1002	FUNDAMENTALS OF MUSIC

MUSI UN2318	MUSIC THEORY I
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MUSI UN2319	MUSIC THEORY II
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MUSI UN3321	MUSIC THEORY III
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Electives: One 1000- or 2000- or 3000- or 4000-level elective.

### Pathway: Jazz

Required to complete these four courses:

MUSI UN2016	JAZZ
MUSI UN2582	JAZZ IMPROVISTN:THRY,HIST,PRAC
MUSI GU4500	JAZZ TRANSCRIPTION # ANALYSIS
MUSI GU4505	JAZZ ARRANGING # COMPOSITION

Electives: Three performance points from UN1401 - UN1461 and/or UN1511 - UN1551.

### Pathway: Performance

Required: Six performance points from UN1401 - UN1461 and/or UN1511 - UN1551.

Required to complete three Ear-Training courses (determined by placement test):

MUSI UN1312	INTRODUCTORY EAR-TRAINING
MUSI UN2314	EAR-TRAINING I
MUSI UN2315	EAR-TRAINING II
MUSI UN3316	EAR-TRAINING III
MUSI UN3317	EAR-TRAINING IV

Required to complete one Theory course (determined by placement test):

MUSI UN1002	FUNDAMENTALS OF MUSIC
MUSI UN2318	MUSIC THEORY I
MUSI UN2319	MUSIC THEORY II
MUSI UN3321	MUSIC THEORY III

Electives: One 1000- or 2000- or 3000- or 4000-level elective.

### Pathway: Composition

Required to complete one Theory course (determined by placement test):

MUSI UN1002	FUNDAMENTALS OF MUSIC
MUSI UN2318	MUSIC THEORY I
MUSI UN2319	MUSIC THEORY II
MUSI UN3321	MUSIC THEORY III

Electives: Two from the following courses:

MUSI UN2240	The Song Within Us: Composition, Analysis, Performance
MUSI UN3239	Undergraduate Composition
MUSI UN3241	ADVANCED COMPOSITION I

Electives: One from the following courses:

MUSI UN2205	INTRODUCTION TO DIGITAL MUSIC
MUSI UN2230	History and Practice of Electronic Music
MUSI GU4630	RECORDED SOUND
MUSI GU4810	Sound: Foundations

Electives: One from the following courses:

MUSI GU4525 INSTRUMENTATION

MUSI GU4526 ORCHESTRATION

MUSI GU4515 CONDUCTING MUSIC

#### Performance Credit/MPP Courses

MPP UN1401 BASSOON INSTRUCTION

MPP UN1403 CELLO INSTRUCTION

MPP UN1405 CLARINET INSTRUCTION

MPP UN1407 CLASSICAL SAXOPHONE  
INSTRUCTION

MPP UN1409 FLUTE INSTRUCTION

MPP UN1411 FRENCH HORN INSTRUCTION

MPP UN1413 GUITAR (BLUEGRASS)  
INSTRUCTION

MPP UN1414 Guitar (Popular-Contemporary)  
Instruction

MPP UN1415 GUITAR (CLASSICAL)  
INSTRUCTION

MPP UN1417 HARP INSTRUCTION

MPP UN1419 OBOE INSTRUCTION

MPP UN1421 ORGAN INSTRUCTION

MPP UN1423 PERCUSSION INSTRUCTION

MPP UN1425 PIANO INSTRUCTION

MPP UN1427 STRING BASS INSTRUCTION

MPP UN1429 TROMBONE INSTRUCTION

MPP UN1431 TRUMPET INSTRUCTION

MPP UN1433 TUBA INSTRUCTION

MPP UN1435 VIOLA INSTRUCTION

MPP UN1437 VIOLIN INSTRUCTION

MPP UN1443 JAZZ BASS INSTRUCTION

MPP UN1445 JAZZ BASS (ELECTRIC)  
INSTRUCTION

MPP UN1447 JAZZ GUITAR (ELECTRIC)  
INSTRUCTION

MPP UN1449 JAZZ ORCHESTRATION

MPP UN1451 JAZZ PERCUSSION  
INSTRUCTION

MPP UN1453 JAZZ PIANO INSTRUCTION

MPP UN1455 JAZZ SAXOPHONE  
INSTRUCTION

MPP UN1457 JAZZ TROMBONE  
INSTRUCTION

MPP UN1459 JAZZ TRUMPET INSTRUCTION

MPP UN1461 JAZZ VOICE INSTRUCTION

MPP UN1511 COLLEGIUM MUSICUM

MPP UN1521 UNIVERSITY ORCHESTRA I

MPP UN1531 CHAMBER ENSEMBLE

MPP UN1541 COLUMBIA UNIV JAZZ  
ENSEMBL

MPP UN1551 WORLD MUSIC ENSEMBLE

MPP UN1601 Performance Seminar MasterClass

## CONCENTRATION IN MUSIC ( FOR STUDENTS WHO DECLARED THE CONCENTRATION ON OR BEFORE THE 2023-24 ACADEMIC YEAR)

The concentration in music requires a minimum of 28 points, including the following courses:

Required to complete up to Music Theory IV; Fundamentals pre-req required if you don't test into Music Theory I or higher:

MUSI UN1002 FUNDAMENTALS OF MUSIC

MUSI UN2318 MUSIC THEORY I

MUSI UN2319 MUSIC THEORY II

MUSI UN3321 MUSIC THEORY III

MUSI UN3322 MUSIC THEORY IV

Required to complete up to Ear-Training IV; Intro Ear-Training pre-req required if you don't test into ET I or higher:

MUSI UN1312 INTRODUCTORY EAR-  
TRAINING

MUSI UN2314 EAR-TRAINING I

MUSI UN2315 EAR-TRAINING II

MUSI UN3316 EAR-TRAINING III

MUSI UN3317 EAR-TRAINING IV

MUSI GU4318 Ear Training, V

Required to complete both History courses:

MUSI UN3128 HIST-WEST MUS: MID AGE-  
BAROQUE

MUSI UN3129 HIST-WEST  
MUS:CLASSICAL-20TH  
CENTURY

Required to complete Topics course:

MUSI UN3400 TOPICS IN MUSIC # SOCIETY

Electives: At least one 3000- or 4000-level electives.

The remaining points are to be earned through 1000-level MPP courses, 2000, 3000 or 4000-level courses subject to these constraints:

No more than 6 points of 2000-level courses.

No more than 4 points of 1000-level MPP courses (list below):

#### Performance Credit/MPP Courses

MPP UN1401 BASSOON INSTRUCTION

MPP UN1403 CELLO INSTRUCTION

MPP UN1405 CLARINET INSTRUCTION

MPP UN1407 CLASSICAL SAXOPHONE  
INSTRUCTION

MPP UN1409 FLUTE INSTRUCTION

MPP UN1411 FRENCH HORN INSTRUCTION

MPP UN1413 GUITAR (BLUEGRASS)  
INSTRUCTION

MPP UN1414 Guitar (Popular-Contemporary)  
Instruction

MPP UN1415 GUITAR (CLASSICAL)  
INSTRUCTION

MPP UN1417	HARP INSTRUCTION
MPP UN1419	OBOE INSTRUCTION
MPP UN1421	ORGAN INSTRUCTION
MPP UN1423	PERCUSSION INSTRUCTION
MPP UN1425	PIANO INSTRUCTION
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MPP UN1431	TRUMPET INSTRUCTION
MPP UN1433	TUBA INSTRUCTION
MPP UN1435	VIOLA INSTRUCTION
MPP UN1437	VIOLIN INSTRUCTION
MPP UN1443	JAZZ BASS INSTRUCTION
MPP UN1445	JAZZ BASS (ELECTRIC) INSTRUCTION
MPP UN1447	JAZZ GUITAR (ELECTRIC) INSTRUCTION
MPP UN1449	JAZZ ORCHESTRATION
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MPP UN1453	JAZZ PIANO INSTRUCTION
MPP UN1455	JAZZ SAXOPHONE INSTRUCTION
MPP UN1457	JAZZ TROMBONE INSTRUCTION
MPP UN1459	JAZZ TRUMPET INSTRUCTION
MPP UN1461	JAZZ VOICE INSTRUCTION
MPP UN1511	COLLEGIUM MUSICUM
MPP UN1521	UNIVERSITY ORCHESTRA I
MPP UN1531	CHAMBER ENSEMBLE
MPP UN1541	COLUMBIA UNIV JAZZ ENSEMBL
MPP UN1551	WORLD MUSIC ENSEMBLE
MPP UN1601	Performance Seminar MasterClass

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# PHILOSOPHY

## THE PHILOSOPHY DEPARTMENT:

Department website: <https://philosophy.columbia.edu/>

Office location: 708 Philosophy Hall

Office contact: 212-854-3196, [hmd2151@columbia.edu](mailto:hmd2151@columbia.edu)

Director of Undergraduate Studies: Wolfgang Mann, 705 Philosophy Hall; 212-854-7887; [wrn4@columbia.edu](mailto:wrn4@columbia.edu)

Economics-Philosophy Adviser: Jessica Collins, 714 Philosophy Hall; 212-854-3970; [jessica.collins@columbia.edu](mailto:jessica.collins@columbia.edu)

Undergraduate Administrator: Haley Donovan, 708 Philosophy Hall; 212-854-8507; [hmd2151@columbia.edu](mailto:hmd2151@columbia.edu)

## THE STUDY OF PHILOSOPHY

Students interested in philosophy may pursue a major either in philosophy or in economics-philosophy. Because philosophy treats issues fundamental to both the sciences and the humanities, students are also welcome to combine their philosophy major with work in other fields. Before declaring a major in philosophy or economics-philosophy, and before deciding to combine philosophy with another discipline, students should meet with the director of undergraduate studies to formulate the program best for them.

Philosophy majors are given a foundation in logic and philosophical methodology, and are asked to confront fundamental questions in the main areas of philosophy: epistemology and metaphysics, ethics and political philosophy, philosophy of mind and language, and history of philosophy. The department requires that all majors take at least one seminar (PHIL UN3912), designed to allow students to focus on particular philosophical issues or texts in greater depth. Outstanding seniors may also pursue their own philosophical project in a senior thesis.

Over and above the courses required of all majors, there is room for considerable flexibility. Through an appropriate choice of electives from among the department's offerings (and from related courses in other departments), there are special opportunities for focusing more intensively on one or two subfields of philosophy, e.g., logic and the philosophy of mathematics, philosophy of science, ethics and political philosophy, or the history of philosophy. Students should consult with the director of undergraduate studies on how best to pursue such programs.

## THE STUDY OF ECONOMICS-PHILOSOPHY

The Joint Major in Economics and Philosophy is an interdisciplinary one which, 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 well-being, freedom and collective choice, and the nature of empirical scientific theories.

There are two advisers for the Joint Major, one in the Department of Economics and one in the Department of Philosophy. Please note that the economics adviser can advise only on the economics requirements and the philosophy adviser can advise only on the philosophy requirements.

Prospective majors are strongly advised to discuss the major early in their sophomore year. Each major is expected to meet with the departmental advisers in the middle of their junior year and at the beginning of their senior year.

## STUDENT ADVISING

Director of Undergraduate Studies: Wolfgang Mann, 705 Philosophy Hall; 212-854-7887; [wrn4@columbia.edu](mailto:wrn4@columbia.edu)

Economics-Philosophy Adviser: Jessica Collins, 714 Philosophy Hall; 212-854-3970; [jessica.collins@columbia.edu](mailto:jessica.collins@columbia.edu)

Undergraduate Administrator: Haley Donovan, 708 Philosophy Hall; 212-854-8507; [hmd2151@columbia.edu](mailto:hmd2151@columbia.edu)

## Consulting Advisers

- Students with questions regarding the Philosophy major or concentration should contact the DUS by email to set up an appointment.
- Students interested in joining the Philosophy Undergraduate listserv can email Haley Donovan at [hmd2151@columbia.edu](mailto:hmd2151@columbia.edu).
- Undergraduate Open Houses, Information Events, and Welcome Events will be advertised through our listserv and Department website.

## Enrolling in Classes

- Please note some courses require professor permission to join. If this is the case, students should email the professor as early as possible to join the course.

## Preparing for Graduate Study

- Students interested in pursuing graduate studies should consult with their advisers or the DUS.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

- Coursework in fulfillment of a major or minor in Philosophy must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies. Exceptions or substitutions

permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

### Advanced Placement

- The Department of Philosophy does not accept any advanced placement credit toward courses in the curriculum.

### Barnard College Courses

- The Columbia and Barnard Philosophy Departments function together as a unit. The courses specifically designed for Barnard students (first-year and senior seminars) do not count towards the Columbia major or concentration. But all other courses in the Columbia-Barnard joint curriculum do count for the major or concentration, regardless of whether the instructor is associated with Barnard or Columbia.

### Transfer Courses

- Courses taken at other institutions may count only after review and approval by the DUS (a written record of approval must be submitted to 708 Philosophy by the student or DUS). No more than 5 courses taken elsewhere may be applied to the major, and no more than 4 to the concentration.

### Study Abroad Courses

- Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor [or special program or concentration], the DUS will need to confirm that they can be used toward requirements in the major/minor.
- Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses. There will be a limit on the number of courses taken abroad that can be applied to the major/minor, and they must be approved by the DUS.

### Summer Courses

- Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major/minor only as articulated in the department/institute/center guidelines or by permission of the Director of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.
- Two courses taken in summer sessions can count towards the major.

## CORE CURRICULUM CONNECTIONS

- Students may be interested in course offerings in this department that can be taken in fulfillment of the [Global Core requirement / Language requirement / Science requirement] of the Core Curriculum. See the list of approved courses for the requirement on this page of the Bulletin that lists all approved courses to see the list of courses in this department that have been approved for the requirement.
- Core classes such as Contemporary Civilization may not count towards the major.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Senior Thesis Coursework and Requirements

- Undergraduates majoring in Philosophy or Economics-Philosophy may propose to write a senior thesis. Students who wish to write a thesis should approach a faculty member at the end of their junior or beginning of their senior year, and begin working on a proposal early in the fall semester of their senior year. Proposals are due in early December, and will be reviewed by a committee which will include the Director of Undergraduate Studies; students will be notified of the committee's decision within two weeks. Students whose proposals are approved should register for their faculty advisor's section of Supervised Independent Research for the spring term of their senior year. Theses are due in early April.
- See the full policy and procedure concerning senior theses on the departmental webpage: <http://philosophy.columbia.edu/content/senior-thesis-philosophy>

## DEPARTMENT HONORS AND PRIZES

### Department Honors

- Departmental honors are highly competitive. Normally no more than 10% of the majors graduating in the department each year will receive departmental honors. In order to qualify for departmental honors in philosophy, a student must have a grade point average of at least 3.6 in the major.
- For students with a GPA of 3.6 or above, there are two possible routes to consideration:
  - A student may complete a senior thesis; those students who complete senior theses will automatically be considered for honors without having to be nominated.
  - A student may be nominated by a faculty member early in the spring semester of their senior year; nominated students will be 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 thesis and writing samples are due in early April. The departmental honors committee will then review the submitted material and the academic records of the writers, and will report to the full faculty.
- The full faculty will then decide which students to recommend for the departmental honors to the Columbia College and General Studies administrations.

## Academic Prizes

- Columbia College Prizes
  - Adam Leroy Jones Prize
    - Established by Mrs. Leroy Jones in memory of her husband who was Associate Professor of Philosophy and Director of University Admissions from 1909 until 1934, the prize may be awarded to a student in the College for the best essay on a topic in the Philosophy of Science, or in the Foundations of Logic.
- James Gutmann Prize
  - Established in 1987 in honor of James Gutmann, CC'18 and Professor of Philosophy, by his family and friends on the occasion of his 90th birthday. It may be awarded each year to a graduating Columbia College senior in Philosophy who plans to pursue graduate work in the field.
- Lina Kahn Prize
  - Established in 1965 by the family of the late Lina Kahn, who received a Ph.D. in Philosophy in 1916. This annual competition, which is open to graduate students only, awards \$500 to the best paper in metaphysics.

## OTHER IMPORTANT INFORMATION

- Student Organizations
  - Meade Anderson Undergraduate Philosophy Forum
    - Wednesdays 8:00-9:00 pm in 716 Philosophy Hall
    - Join us each week to discuss a topic of philosophical interest! Discussions do not require any background knowledge or preparation. All undergraduates are welcome to attend, and we hope to see you there.
    - The Forum Leaders are Samantha Rosen ([skr2168@barnard.edu](mailto:skr2168@barnard.edu)) and Oscar Lloyd ([oal2113@columbia.edu](mailto:oal2113@columbia.edu)).
- Gadfly

- The Gadfly is the undergraduate philosophy magazine of Columbia University, which publishes academic papers, interviews, events, and free-form work.
- <https://www.thegadflymagazine.org>

## PROFESSORS

David Albert  
 Akeel Bilgrami  
 Taylor Carman (Barnard)  
 Haim Gaifman  
 Lydia Goehr  
 Axel Honneth  
 Wolfgang Mann  
 Christia Mercer  
 Michele Moody-Adams  
 John Morrison (Barnard)  
 Fred Neuhouser (Barnard)  
 Christopher Peacocke  
 Carol Rovane  
 Achille Varzi  
 Katja Vogt

## ASSOCIATE PROFESSORS

Justin Clarke-Doane  
 Jessica Collins  
 Melissa Fusco  
 Tamar Lando  
 Karen Lewis (Barnard)

## ASSISTANT PROFESSORS

Allison Aitken  
 Dhananjay Jagannathan  
 Francey Russell (Barnard)

### Affiliated Faculty

Souleymane Bachir Diagne (French and Romance Philology)  
 Jon Elster (Political Science)  
 Wayne Proudfoot (Religion)  
 Gayatri Spivak (University Professor)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

- PHIL UN1001 Intro to Philosophy & PHIL UN1401 Intro to Logic do not count towards the undergraduate major in Philosophy.
- Courses in which a grade of D has been received do not count toward the major or concentration.

Course Numbering Structure

- 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.
- Students may choose courses prefixed with GR only with the instructor’s permission. Additionally, because these seminars are capped, students should register early.

Guidance for First-Year Students

- Refer to the coursework and majors requirements sections.

Guidance for Transfer Students

- Courses taken at other institutions may count only after review and approval by the DUS (a written record of approval must be submitted to 708 Philosophy by the student or DUS). No more than 5 courses taken elsewhere may be applied to the major, and no more than 4 to the concentration.

UNDERGRADUATE PROGRAMS OF STUDY

Required Coursework for all Programs

- PHIL UN2101\* or another course in ancient or medieval philosophy
- PHIL UN2201\* or another course in the history of late medieval or early modern philosophy (e.g. PHIL UN3237 or UN3264)
- PHIL UN3411 or, in exceptional cases, a more advanced course in logic
- At least one course in either metaphysics or epistemology (e.g. PHIL GU4501, UN3601, or a related course to be chosen in consultation with the Director of Undergraduate Studies)
- At least one course in either systematic ethics or social and political philosophy (e.g. PHIL UN2702, UN3701, UN3751, or a related course to be chosen in consultation with the Director of Undergraduate Studies)
- At least one majors’ seminar, i.e. UN3912

\* Substituted courses must be selected in consultation with the DUS.

Major in Philosophy

Students considering a major in philosophy are strongly encouraged to meet with the director of undergraduate studies early in their sophomore year. All majors must consult with the director of undergraduate studies each term before registering

for classes in order to plan and update their individual programs of study.

Students planning to major in philosophy are advised to begin with PHIL UN1010 METHDS/PROB OF PHILOS THOUGHT. Beginning students are especially encouraged to take 2000-level courses, both in the history of philosophy and in systematic philosophy. These courses are typically less specialized and less narrowly focused than higher-numbered ones. More advanced students are encouraged to take 3000-level courses. The department requires that all majors take at least one seminar, PHIL UN3912.

*\*PLEASE NOTE\* PHILUN1401 INTRODUCTION TO LOGIC does not count for credit towards the undergraduate major in philosophy.\** No more than one course at the 1000-level can be counted toward the major. In order to enroll in one of the 4000-level courses, students must have taken at least four courses in Philosophy.

The major requires a minimum of 30 points in philosophy chosen from courses prefixed with UN or GU:

PHIL UN2101	HISTORY OF PHILOSOPHY I
PHIL UN2201	HISTORY OF PHILOSOPHY II
PHIL UN3411	SYMBOLIC LOGIC
At least one course in either metaphysics or epistemology e.g., PHIL W3960, or a related course to be chosen in consultation with the director of undergraduate studies.	
Select at least one course in either ethics or social and political philosophy from the following:	
PHIL UN2702	Contemporary Moral Problems
PHIL UN3701	ETHICS
PHIL UN3751	POLITICAL PHILOSOPHY
A related course to be chosen in consultation with the director of undergraduate studies.	
PHIL UN3912	SEMINAR

- Courses taken pass/fail only count towards the major in unusual circumstances.
- Two courses taken in summer sessions can count towards the major.
- In some instances, courses in other departments can count for credit towards the major. For example, the Religion Department offers courses in philosophy of religion, and the Political Science Department offers courses in political philosophy. Questions about whether courses in other departments will count towards the major should be directed to the DUS.
- The Columbia and Barnard Philosophy Departments function together as a unit. The courses specifically designed for Barnard students (first-year and senior seminars) do not count towards the Columbia major. But all other courses in the Columbia-Barnard joint curriculum do count for the



major, regardless of whether the instructor is associated with Barnard or Columbia.

- Core classes such as Contemporary Civilization may not count towards the major.

## Joint Major in Economics-Philosophy

- An Introductory course. Most often this will be PHIL UN1010 Methods and Problems of Philosophical Thought.
- PHIL UN3411 Symbolic Logic.
- One 3000-level course in moral, political, or social philosophy. (PHIL UN3701 Ethics satisfies this requirement, as do various other courses offered by the Department from time to time. Consult with the Philosophy adviser if you are in any doubt here.)
- One 3000-level course in epistemology, the philosophy of science, or in the philosophy of one of the particular sciences. (PHIL UN3551 Philosophy of Science and PHIL UN3960 Epistemology both satisfy this requirement, as do various other courses offered by the Department from time to time. Consult with the Philosophy adviser if you are in any doubt here.)
- PHIL GU4561 Probability and Decision Theory.
- ECPH UN4950 Senior Seminar in Economics and Philosophy.

Please read *Guidelines for all Economics Majors, Concentrators, and Interdepartmental Majors* in the *Economics* section of this Bulletin.

Economics-Philosophy is an interdisciplinary major that, while introducing students to the basic methodologies of economics and philosophy, stresses areas of particular concern to both. These include subjects such as rationality and decision making, justice and efficiency, freedom and collective choice, and the logic of empirical theories and their testing. Many of the issues are dealt with historically, and classic texts of Plato, Kant, Mill, Marx, and Smith are reviewed.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Philosophy. Please note that the Economics adviser can only advise on the Economics requirements and the Philosophy adviser can only advise on the Philosophy requirements.

The Economics-Philosophy major requires a total minimum of 54 points: 25 points in Economics, 16 points in Philosophy, 6 points in Mathematics, 3 points in Statistics, and 4 points in the interdisciplinary seminar as follows:

### Economics Core Courses

ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON UN3412	INTRODUCTION TO ECONOMETRICS

### Mathematics Sequence

Select a mathematics sequence

### Statistics

Select a statistics course

### Economics Electives

Three electives are required; refer to the Economics section of this bulletin.

### Philosophy Courses

PHIL UN1010	METHDS/PROB OF PHILOS THOUGHT
PHIL UN3411	SYMBOLIC LOGIC
PHIL UN3701	ETHICS (a social or political philosophy course may be substituted, please consult the Philosophy DUS)
PHIL UN3551 or PHIL UN3960	PHILOSOPHY OF SCIENCE EPISTEMOLOGY
PHIL GU4561	PROBABILITY # DECISION THEORY

### Seminar

ECPH GU4950	ECONOMICS # PHILOSOPHY (or another seminar in philosophy or economics approved by advisers in both department)
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## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Philosophy

Philosophy, as an academic discipline, has significant points of contact with a wide range of other subjects—in the humanities, the social sciences, and the natural sciences. A concentration in philosophy thus can be an attractive option for many students. Those considering becoming concentrators are strongly encouraged to meet with the director of undergraduate studies early in their sophomore year, in order to discuss their specific interests and to plan their programs of study. All concentrators should consult with the director of undergraduate studies each term before registering for courses.

The concentration requires a minimum of 24 points in philosophy, chosen from courses prefixed with UN or GU. There are no specific courses required for the concentration.



Students may choose courses prefixed with *GR* only with the instructor's permission.

PHIL UN3912 is open to junior and senior concentrators who have taken at least four courses in philosophy.

# PHYSICAL EDUCATION AND INTERCOLLEGIATE ATHLETICS

**Departmental Office:** 336 Dodge Physical Fitness Center;  
212-854-3439; [perec.columbia.edu](mailto:perec.columbia.edu)

**Director of Undergraduate Studies:** Director of Physical Education and Recreation, Jeffrey Ryder, 332 Dodge Physical Fitness Center; [phed@columbia.edu](mailto:phed@columbia.edu); 212-854-4001

**Departmental Administrative contact:** 212-854-3439

The Physical Education Department offers a variety of activities in the areas of aquatics, fitness, martial arts, individual/ dual sports, team sports, and outdoor education. Most of the activities are designed for the beginner level. Intermediate/advanced courses are offered at selected times. All courses are designed to develop and/or improve skills and knowledge, increase physical activity, and promote well-being. Courses aim to promote holistic, sustainable opportunities to engage with physical activity and physical well-being concepts. A major goal is to provide a positive, enjoyable experience for students, leading to the development of an active, healthy lifestyle.

The majority of the courses are offered in ten time preferences. However, there are early morning classes, Friday-only classes at Baker Athletics Complex, and specialty courses that utilize off-campus facilities during weekends. A description of the scheduled activities for each time preference is included in the Department of Physical Education [website](#).

A list of the activities for the term is included in the *Directory of Classes* and on the website. Students may select physical education courses during online registration. Students may register for only one section of Physical Education each term.

## PHYSICAL EDUCATION REQUIREMENT

Successful completion of two Physical Education courses is a Columbia College requirement that students are advised to complete by the end of the first year. Students may elect to take one or two additional terms of Physical Education Activities for credit. Students receive 1 point of academic credit for each completed term of physical education for a possible total of 4 points.

For more information on this requirement, please visit the *Core Curriculum*—Physical Education Requirement section of the bulletin.

## MEDICAL CONDITIONS

Students who request to have their Physical Education activities limited or waived because of a medical condition should contact the Director of Undergraduate Studies for Physical Education.

In some situations, students may require an evaluation by a clinician at Health Services at Columbia in order to receive a waiver. In consultation with the Director of Physical Education, students may be instructed to contact Dr. Melanie Bernitz, Senior Vice President for Columbia Health, who facilitates these evaluations.

## GRADING

The grading in all physical education courses is Pass/Fail. Students who fulfill the attendance and participation requirement receive a Pass. Those who miss more than the permissible number of classes and who do not drop the course by the official drop deadline receive a W (Withdrawal), UW (Unofficial Withdrawal), or F (Fail). Those who anticipate attendance problems should contact their instructors or the Director of Undergraduate Studies for Physical Education.

## SWIM TEST

All students are also required to pass a swimming test or take beginning swimming for one term to fulfill the swimming requirement. A waiver of the swimming test requirement may be granted if a student has a disability certified by a medical authority that precludes swimming. Students may also request waivers and accommodations on the grounds of religious observance or gender identity/expression. All requests for waivers and accommodations are reviewed by the Director of Physical Education.

## INTERCOLLEGIATE ATHLETICS

Students who are participating on an intercollegiate team should register for the appropriate team section of PHED UN1005 INTERCOLLEGIATE ATHLETICS. Intercollegiate athletes are responsible for taking the swimming test. Student-athletes who cannot pass the test should take beginner swimming at the first possible opportunity.

Student-athletes who register correctly and participate on a team receive a Pass; those who drop off a team in midterm and still wish to receive academic credit must notify the Physical Education Office and be placed in an activity to complete the attendance requirement. Otherwise, the student must officially drop *Intercollegiate Athletics* or they receive a mark of W (Withdrawal).

## DIRECTOR OF PHYSICAL EDUCATION PROGRAMS

Jeffrey Ryder

## ASSOCIATES

Jack Abelson

Colin Allison

Zack Almonte

Michael Aufrichtig

Noah Axford

Tracey Bartholomew

Alexandra Bassetti  
Kayla Bautista  
James Bolster  
Brett Boretti  
Jake Brown  
Alex Canale  
Tobe Carberry  
Tom Carty  
Diana Caskey  
Demerae Christianson  
Stephen Conway  
Tyler Cordell  
Theodore Cowling  
Nicholas Cruz  
Emerson Curry  
Derek Davis  
Katie DeSandis  
Maggie DeVlieger  
Laki Djokovic  
Scott Donie  
Howard Endelman  
Jim Engles  
Tobi Esche  
Aliza Feuerstein  
Chris Fernandez  
Jamie Franco  
Wilfred Frederic  
Liv Gardner  
Lea Georgatos  
Ralph Green  
Meg Griffith  
Matt Hall  
Jumpei Harada  
Ashleigh Herndon  
Andrew Hess  
Cole Hester  
Dan Ireland  
Brian Jines  
Olivia Kelly  
Amphone Keovongmanysar  
Anastasia Kirtiklis  
Laurel Korholz  
Nike Kukharchuk  
Canyon Kyle  
Eliana Laessig  
Andrew Laiosa  
Tierney Larson  
Gustavo Leal  
SeoungWoo Lee  
Frank Lisante  
Reanna Lizardo  
Madison Maida  
James McDermott  
Yuki Miyazawa  
Gess Mongelli  
Rich Mueller  
Anne Murray

Shannon Nee  
Sara Negrette  
Meghan Negron  
Gina Orlando  
Kristen O'Rourke  
Nich Lee Parker  
Sophia Rouze  
Skyler Russo  
Chris Sachvie  
Tamara Sagadore  
Patrick Santiago  
Steve Shulman  
Akhnaten Spencer-El  
Zach Tanelli  
Jen Teague  
Tom Terhaar  
Selma Trevino  
David Troy  
Ian Van Cott  
Dave Vandercook  
Amanda Ventura  
Nayelly Walker  
Chad Walsh  
Samantha Warren  
Amy Weeks  
Ilene Weintraub  
Thomas Wenk  
Sarah Welton

# PHYSICS

## THE PHYSICS DEPARTMENT:

Department website: <https://www.physics.columbia.edu/>

Office location: 704 Pupin Hall

Office contact: 212-854-3366 (Ashley Delphia, Dir. of Academic Administration)

Director of Undergraduate Studies: Jeremy Dodd, [jrd4@columbia.edu](mailto:jrd4@columbia.edu), 212-854-3969

Undergraduate Administrator: Giuseppina (Joey) Cambareri, [gc2019@columbia.edu](mailto:gc2019@columbia.edu), 212-854-3348

## THE STUDY OF PHYSICS

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.

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.

Current programs of study include:

The Physics major  
The Astrophysics major  
The Biophysics major  
The Chemical Physics major

As of Fall 2024, the Department does not offer a Minor in Physics, however a Minor will likely be introduced for the 2025-2026 academic year.

## STUDENT ADVISING

### Consulting Advisers

Students should contact the Director of Undergraduate Studies (DUS) for all advising questions and concerns, however please see the information below that describes appropriate advising contacts for the interdisciplinary majors in Astrophysics, Biophysics and Chemical Physics.

For the Physics major: Jeremy Dodd, [jrd4@columbia.edu](mailto:jrd4@columbia.edu).

For the Astrophysics major: Jeremy Dodd, [jrd4@columbia.edu](mailto:jrd4@columbia.edu), and students should also consult with the Director of Undergraduate Studies in the Astronomy Department.

For the Biophysics major: students should consult with the Director of Undergraduate Studies for Biophysics in the Biological Sciences Department.

For the Chemical Physics major: students should consult with the Director of Undergraduate Studies in the Chemistry Department.

The Physics DUS typically holds walk-in office hours each week during the academic year (fall and spring semesters), and may be also be contacted by email. For new students, a Physics Department information session is held during NSOP each fall to help students determine which introductory physics sequence is most appropriate for their program of study. Each spring, the Department hosts an Open House, which focuses on the majors offered in the Department but also provides an opportunity to learn more about research opportunities.

For declared Physics and Astrophysics majors, it is recommended that students consult with the Physics DUS at least once per semester.

## Enrolling in Classes

The Physics Department offers four introductory physics sequences.

- PHYSUN1201, PHYSUN1202 primarily for premed students;
- PHYSUN1401, PHYSUN1402, PHYSUN1403 primarily for SEAS engineering students;
- PHYSUN1601, PHYSUN1602, PHYSUN2601 primarily for physics, applied physics and physical science majors;
- PHYSUN2801, PHYSUN2802 primarily for physics and applied physics majors who have advanced placement in physics and mathematics.

The department can provide more detailed information about these sequences. Note that there are calculus pre-requisites or co-requisites in most cases. Enrollment in the PHYSUN2801, PHYSUN2802 Accelerated Physics sequence is by placement only. Students who have a score of 5 on AP Calculus BC and a score of at least one 4 and one 5 on the two AP Physics C exams place automatically. Other students should take the placement exam during the NSOP Physics Information Session.

Please note that all of the above sequences start in the fall semester (only) each year, with the addition of just one “off-sequence” (spring, summer) offering of the PHYSUN1201, PHYSUN1202 General Physics sequence for premed students.

## Preparing for Graduate Study

A majority of graduating Physics majors pursue graduate study at either the PhD or Masters levels. The Physics major is designed to provide a strong foundation for students who may continue to pursue a PhD. Aside from all of the required courses for the major, students who will pursue graduate study are recommended to take the PHYS4003 Advanced Mechanics elective, and they may also choose to take some graduate level courses if they have sufficient preparation.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major or minor [or special program or concentration] must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies of the program. Exceptions or substitutions permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

### Advanced Placement

The department grants 6 credits for a score of 4 or 5 on BOTH the AP Physics 1 and AP Physics 2 exams, but you are not entitled to any exemptions.

The department grants 3 credits for a score of 4 or 5 on the AP Physics C/MECH exam, but you are not entitled to any exemptions. The amount of credit is reduced to 0 if you take PHYSUN 1001, 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 you are not entitled to any exemptions. The amount of credit is reduced to 0 if you take PHYSUN 1001, 1202, 1402 or 1602.

AP, IB or A-level Physics credits are not impacted if you take PHYSUN 2801 or 2802.

Students may earn a maximum of 6 credits in Physics.

### Barnard College Courses

No Barnard courses are accepted as requirements for the Physics major. For the Astrophysics major, see the requirements for that program in the Bulletin.

### Transfer Courses

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor [or special program or concentration].

All transfer courses proposed for consideration for the Physics major must be reviewed by the Physics DUS. Students should provide detailed syllabi for review.

### Study Abroad Courses

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor [or special program or concentration], the DUS will need to confirm that they can be used toward requirements in the major/minor.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses. There will be a limit on the number of courses taken abroad that can be applied to the major/minor, and they must be approved by the DUS.

Physics and Astrophysics majors who are considering studying abroad should consult with the respective DUSes well in advance, since careful planning is required to make sure that students can complete all required courses.

### Summer Courses

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major/minor only as articulated in department/institute/center guidelines or by permission of the Director(s) of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin. No physics courses currently offered in Summer Term are relevant for the Department's majors.

## CORE CURRICULUM CONNECTIONS

Students may be interested in course offerings in this department that can be taken in fulfillment of the Science requirement of the Core Curriculum. See the list of approved courses for the requirement in this *Bulletin*.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

Information to be added

## DEPARTMENT HONORS AND PRIZES

Information to be added

## OTHER IMPORTANT INFORMATION

The department offers a stand-alone one-semester course for nonscience majors, one introductory sequence in physics intended primarily for preprofessional students, and three introductory sequences in physics for engineering and physical



science majors. Students are given credit for courses from only one of the different sequence groups.

Mixing courses across the sequences is strongly discouraged; however, physics majors who begin their studies with PHYS UN1401 INTRO TO MECHANICS # THERMO - PHYS UN1402 INTRO ELEC/MAGNETISM # OPTCS should take PHYS UN2601 PHYSICS III:CLASS/QUANTUM WAVE as the third-semester course.

## Introductory Sequences

### Nonscience Majors:

PHYS UN1001                      PHYSICS FOR POETS

### Preprofessional Students:

PHYS UN1201                      GENERAL PHYSICS I  
& PHYS UN1202                      and GENERAL PHYSICS II

Accompanying laboratory course:

PHYS UN1291                      GENERAL PHYSICS I LAB  
& PHYS UN1292                      and GENERAL PHYSICS II  
LABORATORY

### Engineering and Physical Science Majors:

Select one of the following sequences with accompanying laboratory course:

#### Sequence A:

PHYS UN1401                      INTRO TO MECHANICS #  
& PHYS UN1402                      THERMO  
& PHYS UN1403                      and INTRO ELEC/MAGNETISM  
# OPTCS  
and INTRO-CLASSCL #  
QUANTUM WAVES

#### Sequence B:

PHYS UN1601                      PHYSICS I:MECHANICS/  
& PHYS UN1602                      RELATIVITY  
& PHYS UN2601                      and PHYSICS II: THERMO,  
ELEC # MAG  
and PHYSICS III:CLASS/  
QUANTUM WAVE

#### Sequence C:

PHYS UN2801                      ACCELERATED PHYSICS I  
& PHYS UN2802                      and ACCELERATED PHYSICS  
II

Sequence A is a self-contained group of three courses, while Sequences B and C anticipate more course work in the Physics Department. Students considering a physics major are strongly encouraged to begin one of these sequences in their first year.

## PROFESSORS

Igor Aleiner  
Boris Altshuler  
Elena Aprile  
Dmitri Bassov  
Andrei Beloborodov  
Allan Blaer (*emeritus*)  
Gustaaf Brooijmans  
Norman Christ

Brian Cole  
Frederik Deneff  
Richard Friedberg (*Barnard emeritus*)  
Brian Greene (Mathematics)  
Miklos Gyulassy (*emeritus*)  
Charles J. Hailey  
Timothy Halpin-Healy (Barnard)  
Sven Hartmann (*emeritus*)  
Tony Heinz (*emeritus*)  
Emlyn Hughes  
Lam Hui  
Laura Kay (Barnard Astronomy)  
Tsung Dao Lee (*emeritus*)  
Yuri Levin  
Szabolcs Marka  
Robert Mawhinney (Chair)  
Andrew Millis  
Alfred H. Mueller  
Reshmi Mukherjee (Barnard)  
John Parsons  
Aron Pinczuk (Applied Physics)  
Malvin Ruderman  
Frank Sciulli (*emeritus*)  
Michael Shaevitz  
Michael Tuts  
Yasutomo Uemura  
Erick Weinberg  
William Zajc

## ASSOCIATE PROFESSORS

Brian Humensky  
Janna Levin (Barnard)  
Brian Metzger  
Alberto Nicolis  
Abhay Pasupathy  
Ozgur Sahin (Biology)  
Tanya Zelevinsky

## ASSISTANT PROFESSORS

Cory Dean  
Bradley Johnson  
Georgia Karagiorgi  
Rachel Rosen  
Sebastian Will

## SENIOR LECTURER IN DISCIPLINE

Jeremy Dodd

## ADJUNCT PROFESSOR

Morgan May

## LECTURER

Burton Budick  
Eric Raymer

## ON LEAVE

Amber Miller

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of majors and minors. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Students who entered Columbia in or before Fall 2023 may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

As of Fall 2024, the Department does not offer a Minor in Physics, however a Minor will likely be introduced for the 2025-2026 academic year.

All students who are considering majoring in Physics or in Astrophysics are strongly encouraged to begin a relevant introductory physics sequence in their first semester. In general, the Physics major may not be completed in fewer than six semesters; most students take seven or eight semesters to satisfy all requirements.

### Course Numbering Structure

Course numbers in the Physics Department broadly follow the standard undergraduate schema. Most introductory (first-year) courses are at the 1000- level, with the exception of the PHYSUN2801, PHYSUN2802 Accelerated Physics sequence. The Physics major in particular is rather well-defined in terms of requirements and when they should/could be taken, given necessary pre-requisites and so is rather “sequential”. Note that there are two required two-semester sequences: PHYSUN3007, PHYSUN3008 and PHYSGU4021, PHYSGU4022, which in general should be taken in the fall and spring of a given academic year.

### Guidance for First-Year Students

All students who are considering majoring in Physics or in Astrophysics are strongly encouraged to begin a relevant introductory physics sequence in their first semester.

The Physics Department offers four introductory physics sequences.

PHYSUN1201, PHYSUN1202 primarily for premed students;

PHYSUN1401, PHYSUN1402, PHYSUN1403 primarily for SEAS engineering students;

PHYSUN1601, PHYSUN1602, PHYSUN2601 primarily for physics, applied physics and physical science majors;

PHYSUN2801, PHYSUN2802 primarily for physics and applied physics majors who have advanced placement in physics and mathematics.

The department can provide more detailed information about these sequences. Note that there are calculus pre-requisites or co-requisites in most cases. Enrollment in the PHYSUN2801, PHYSUN2802 Accelerated Physics sequence is by placement only. Students who have a score of 5 on AP Calculus BC and a score of at least one 4 and one 5 on the two AP Physics C exams place automatically. Other students should take the placement exam during the NSOP Physics Information Session.

Please note that all of the above sequences start in the fall semester (only) each year, with the addition of just one “off-sequence” (spring, summer) offering of the PHYSUN1201, PHYSUN1202 General Physics sequence for premed students.

### Guidance for Transfer Students

Information to be added

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

All programs of study require completion of at least one of the introductory physics sequences (described elsewhere).

### Major in Physics

#### Physics Courses

The major in physics requires a minimum of 41 points in physics courses, including:

#### Introductory Sequences

Select one of the following sequences:

Sequence A: Students with a limited background in high school physics may elect to take:

PHYS UN1401	INTRO TO MECHANICS #
& PHYS UN1402	THERMO
& PHYS UN2601	and INTRO ELEC/MAGNETISM
	# OPTCS
	and PHYSICS III:CLASS/
	QUANTUM WAVE

Sequence B:

PHYS UN1601 & PHYS UN1602 & PHYS UN2601	PHYSICS I:MECHANICS/ RELATIVITY and PHYSICS II: THERMO, ELEC # MAG and PHYSICS III:CLASS/ QUANTUM WAVE
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Sequence C: Students with advanced preparation in both physics and mathematics may be eligible to take:

PHYS UN2801 & PHYS UN2802	ACCELERATED PHYSICS I and ACCELERATED PHYSICS II
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#### Core Physics Courses

PHYS UN3003	MECHANICS
PHYS UN3007	ELECTRICITY-MAGNETISM
PHYS UN3008	ELECTROMAGNETIC WAVES # OPTICS
PHYS GU4021	QUANTUM MECHANICS I
PHYS GU4022	QUANTUM MECHANICS II
PHYS GU4023	THERMAL # STATISTICAL PHYSICS

#### Elective Courses

Select at least six points of the following courses:

PHYS UN3002	From Quarks To the Cosmos: Applications of Modern Physics
PHYS GU4003	ADVANCED MECHANICS
PHYS GU4011	PARTICLE ASTROPHYS # COSMOLOGY
PHYS GU4018	SOLID STATE PHYSICS
PHYS GU4019	MATHEMATICAL METHODS OF PHYSICS
PHYS GU4040	INTRO TO GENERAL RELATIVITY
PHYS GU4050	Introduction to Particle Physics

With the permission of the Director of Undergraduate Studies, 4000- or 6000-level courses offered in this or other science departments

#### Laboratory Work at the Intermediate Level \*

Select one of the following options:

Option 1:

PHYS UN3081	INTERMEDIATE LABORATORY WORK (two semesters)
PHYS UN3083	ELECTRONICS LABORATORY

Option 2:

PHYS UN3081	INTERMEDIATE LABORATORY WORK (three semesters)
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#### Senior Seminar

PHYS UN3072	SEM IN CURRENT RES. PROBLEMS
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\* Approved experimental work with a faculty research group may satisfy one semester of the laboratory requirement.

#### Mathematics Courses

Calculus through MATH UN1202 CALCULUS IV or MATH UN1208 HONORS MATHEMATICS B; and MATH UN3027 Ordinary Differential Equations or the equivalent.

Recommended cognate courses: MATH UN2010 LINEAR ALGEBRA, MATH UN3007 COMPLEX VARIABLES, and MATH UN3028 PARTIAL DIFFERENTIAL EQUATIONS.

#### Major in Astrophysics

For astrophysics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/astrophysics/#requirementstext>

#### Major in Biophysics

For biophysics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/biological-sciences/#requirementstext>

#### Major in Chemical Physics

For chemical physics requirements please see:

<http://bulletin.columbia.edu/columbia-college/departments-instruction/chemistry/#requirementstext>

#### Minor in Physics

As of Fall 2024, the Department does not offer a Minor in Physics, however a Minor will likely be introduced for the 2025-2026 academic year.

### FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before Fall 2023. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Concentrations are not available to students who entered Columbia in or after Fall 2024.

#### Concentration in Physics

The concentration in physics requires a minimum of 24 points in physics, including one of the introductory sequences.

# POLITICAL SCIENCE

## THE POLITICAL SCIENCE DEPARTMENT:

**Department website:** <http://www.polisci.columbia.edu>

Office location: 710 International Affairs Building

Office contact: 212-854-3707

**Director of Undergraduate Studies:** Prof. Shigeo Hirano, 740 International Affairs Building; 212-854-3955; [sh145@columbia.edu](mailto:sh145@columbia.edu)

**Academic Affairs Coordinator:** Owen Mefford, 710 International Affairs Building; 212-854-3707; [obm2106@columbia.edu](mailto:obm2106@columbia.edu)

## THE STUDY OF POLITICAL SCIENCE

The discipline of political science focuses on issues of power and governance and, in particular, on political institutions, both formal and informal. It also focuses on political behavior, political processes, political economy, and state-society relations.

The field consists of four substantive subfields: *American politics*, which covers such topics as national and local politics, elections, and constitutional law; *comparative politics*, which aims at understanding the political systems of other countries, both by studying individual states and by engaging in cross-national comparisons; *international relations*, which deals with the ways that states and other political actors behave in the international arena, including such topics as security, foreign policies, international organizations, and international economic relations; and *political theory*, which analyzes the history of normative political thought as well as of analytic concepts such as the nature of justice or liberty.

Other broad topics, such as “political economy,” or the study of the relationships between economic and political processes, overlap with the subfields, but also constitute a separate program (see below). Methodology, including statistical analysis and formal modeling, also occupies an important place in the discipline.

## STUDENT ADVISING

### Consulting Advisers

Economics-Political Science Advisers:

Economics: Prof. Susan Elmes, Director of Undergraduate Studies, 1006 International Affairs Building; [se5@columbia.edu](mailto:se5@columbia.edu)

Political Science: Prof. Carlo Prato, 718 International Affairs Building; 212-854-3977; [cp2928@columbia.edu](mailto:cp2928@columbia.edu)

Political Science-Statistics Advisers:

Political Science: Prof. Andrew Gelman, 1255 Amsterdam Ave., Room 1016; 212-851-2164; [gelman@stat.columbia.edu](mailto:gelman@stat.columbia.edu)

Statistics: Prof. Ronald Neath, 612 West 115th Street, Room 612; 212-853-1398; [rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

Statistics: Prof. Gabriel Young, 612 West 115th Street, Room 614; 212-853-1395; [gjy2107@columbia.edu](mailto:gjy2107@columbia.edu)

The Department of Political Science offers a variety of advising resources to provide undergraduate majors and minors with the information and support needed to successfully navigate through the program. These resources are described below.

### Undergraduate Advising

The department trains and employs political science Ph.D. candidates who advise undergraduate students regarding program requirements, course selection, and transfer and study-abroad credits. The advisers are also available to discuss research interests, internships, and post-college plans.

Students can reach the advisers by email at [polisciadvising@columbia.edu](mailto:polisciadvising@columbia.edu).

### Requesting a Faculty Adviser

Students may request a faculty adviser by completing the Faculty Adviser Request Form and submitting it during the first two weeks of the semester. The link to the current adviser request form may be found in the undergraduate forms library on the department website.

Students may consult with their faculty adviser for any substantive issue, but the graduate-student advisers must approve planning forms and confirm that requirements have been fulfilled.

### Director of Undergraduate Studies

The director of undergraduate studies oversees the department's undergraduate programs and is available during office hours. While a student's first stop for advising should be the graduate-student advisers, the director of undergraduate studies is available as an additional resource.

### Economics–Political Science Adviser

Economics–political science majors may consult with the economics-political science adviser during office hours. However, students should also see a graduate-student adviser to discuss major requirements and confirm that requirements have been fulfilled.

### Political Science–Statistics Adviser

Political science–statistics majors may consult with the political science–statistics adviser during office hours. However, students should also see a graduate-student adviser to discuss major requirements and confirm that requirements have been fulfilled.

## Enrolling in Classes

Most undergraduate level courses in political science can be registered for by students at any level. However, seminars, which are smaller, more intensive discussion-based courses



centered around a unifying theme or topic, require students to join a waitlist and then receive instructor approval to enroll. This is done to ensure that students in the major most in need of these seminars to fulfill their graduation requirements have priority to access them. Further information on seminars can be found on their page on the department website.

Additionally, undergraduate students may not register directly in SSOL for courses offered in the Graduate School of Arts and Sciences, which are designated by the prefix "GR." However, qualified students may cross-register for GSAS courses, with instructor permission, following steps outlined on the relevant page on the department website.

## Preparing for Graduate Study

Students interested in graduate study offered by the Department of Political Science should consult the department website's resources on graduate programs, which include M.A., B.A./M.A., and Ph.D. programs. Additionally, the graduate-student advisers can offer advice about and help with graduate school applications.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

The department grants credit toward the major for work completed under the College Entrance Examination Board (CEEB) Advanced Placement Program. Students receive 3 academic credits and exemption from POLS UN1201 INTRO TO AMERICAN POLITICS or POLS UN1501 INTRO TO COMPARATIVE POLITICS for scores of 5 in the United States and Comparative Government and Politics AP Exams.

### Barnard College Courses

Barnard College courses may fulfill Columbia major requirements; however, Barnard courses do not follow the Columbia numbering system and cannot be used to determine the subfield within which a course falls. Barnard colloquia are open to students with the permission of the instructor; however, Barnard colloquia may not be used to fulfill the seminar requirement, though they may be used to fulfill subfield or elective requirements. Note that admission to Barnard colloquia is by application to the Barnard Political Science Department only. Please consult with the Barnard Political Science Department for more information.

### Transfer Courses

For the political science major, a maximum of three courses in political science may be transferred from other institutions, including study abroad and AP credit. For the economics-political science and political science-statistics interdisciplinary majors, a maximum of two courses in political science may be transferred from other institutions. For the political science minor, a maximum of one course in political science may be transferred from other institutions. All transfer credits must be

approved in writing by the Director of Undergraduate Studies or the graduate-student advisers. Students wishing to count transfer credits toward the major or minor should send the graduate-student advisers their transfer credit report, the syllabi of the courses they want to count toward departmental requirements, and a statement of how they want to apply the transfer credits to the requirements.

## Study Abroad Courses

Study abroad programs are one way students can enrich their Columbia education by spending time immersed in other places and cultures. However, for counting study abroad courses for credit toward a political science major or minor, students should consult the above guidance on transfer courses.

## Summer Courses

Political Science (POLS) summer courses taken through the School of Professional Studies are eligible to count towards the major or minor.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

All majors write a research paper in two seminars or in the Honors Seminar. Seminars are small, discussion-based courses focused on a research topic in political science. Each semester the department offers a wide range of seminars in each subfield. Students are expected to attend and participate in these courses, as well as to write an original research paper. Some students will write a senior thesis in the Honors Seminar. Details about writing a senior thesis are below.

### Senior Thesis Coursework and Requirements

Students may elect to write a thesis for consideration for departmental honors as described below.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

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 about 75 pages in length and of exceptional quality.

Honors students perform research as part of a full-year honors seminar (POLS UN3998-POLS UN3999, 8 points total) during their senior year, in place of the seminar requirement for majors. Honors students may, however, take additional seminars to fulfill other course requirements for the major. Theses are due in late March or early April. To be awarded departmental honors, the student must satisfy all the requirements for the major, maintain a 3.6 GPA in the major, and complete a thesis of sufficiently high quality to merit honors.



The honors seminar director provides general direction for the seminar and supervises all students. Each student also works with a faculty member in his or her major subfield (American politics, comparative politics, international relations, or political theory) and a teaching assistant. The honors seminar meets weekly for part of the year and addresses general issues involved in research and thesis writing, such as how to develop research questions and projects, methodology, sources of evidence, and outlining and drafting long papers. The sessions are also used for group discussions of students' research and thesis presentations. Students are also expected to meet periodically with the supervising professor and preceptor.

Students who wish to apply to the Honors Seminar must notify the department in writing by the end of the spring semester of the junior year. Please check the department website for the official deadline. Normally no more than 10% of graduating majors receive departmental honors in a given academic year. Applicants are required to have already completed the methods requirement for the major.

In addition, students are encouraged to find a faculty sponsor for their thesis proposal. Research areas for the political science department faculty are listed on the department's website.

Students who are not accepted into the honors seminar or who decide after the application deadline that they would like to write an honors thesis may take one or two semesters POLS UN3901 Independent Research I and POLS UN3902 Independent Research II in order to write a thesis to submit for honors consideration. Any member of the department's full-time faculty may sponsor independent study courses. Part-time faculty are not obligated to sponsor these courses.

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.

## Academic Prizes

The Department of Political Science administers the following prizes and awards. Unless otherwise noted, students do not play an active part in the nomination process. Rather, faculty members nominate students at their own discretion. Departmental prizes are reserved for political science majors.

### Charles A. Beard Prize

A cash prize awarded every other year to the student who writes the best paper in political science during the academic year.

### Caroline Phelps Stokes Prize

A cash prize established at the bequest of Caroline Phelps Stokes is awarded to a student who has been a degree candidate at Columbia College or Barnard College for at least one academic year, and who has written the best essay in course or seminar work on the general subject of human rights.

### Allan J. Willen Memorial Prize

A cash prize awarded to the Columbia College student who writes the best seminar paper on a contemporary American political problem.

### Edwin Robbins Academic Research/Public Service Fellowship

The Robbins Fellowship provides a stipend each summer for at least two political science students in Columbia College who will be engaged in research in important matters of politics or policymaking or who will be working, without other compensation, as interns in a governmental office, agency, or other public service organization. Each spring, the department invites students to submit fellowship proposals. Awards are announced in late April or early May.

### Arthur Ross Foundation Award for Excellence in Political Science

A cash prize awarded to the GS senior with an outstanding record of accomplishment in the study of political science at Columbia.

### Phyllis Stevens Sharp Fellowship in American Politics

The Phyllis Stevens Sharp Endowment Fund provides stipends each year during the summer for one or more Columbia College or School of General Studies students majoring in political science to support research in American politics or policy making, or otherwise uncompensated internships in a government office, agency, or other public service organization. Each spring, the department invites students to submit fellowship proposals. Awards are announced in late April or early May.

## OTHER INFORMATION

### Early Admission to the Master's Degree Program in Political Science for Columbia and Barnard Political Science Undergraduates

While the Department of Political Science does not offer a joint bachelor of arts/master's degree, it does allow Columbia and Barnard undergraduates to apply for early admission to its master's degree program.

Students should apply during the fall semester of their senior year for admission to the M.A. program in the following fall semester, after completion of the B.A. degree. The department and the Graduate School of Arts and Sciences may award up to one-half residence unit of advanced standing and/or up to three courses (nine to twelve credits) of transfer credit for graduate courses (4000-level and above) taken at Columbia in excess of the requirements for the Columbia bachelor's degree, as certified by the dean of the undergraduate school awarding the bachelor's degree.

For further information about the application process and minimum qualifications for early admission, please contact the director of undergraduate studies.

For further information about requirements for the M.A. degree, see <https://gsas.columbia.edu/degree-programs/ma-programs/political-science>.

## PROFESSORS

Jagdish Bhagwati (also Economics)  
 Allison Carnegie  
 Alessandra Casella (also Economics)  
 Jean L. Cohen  
 Michael Doyle (University Professor)  
 Robert Erikson  
 Virginia Page Fortna  
 Timothy Frye  
 Ester Fuchs (School of International and Public Affairs)  
 Andrew Gelman (also Statistics)  
 Donald P. Green  
 Bernard Harcourt (Law)  
 Fredrick Harris  
 Shigeo Hirano  
 John Huber  
 David C. Johnston  
 Ira Katznelson (also History)  
 Sudipta Kaviraj (Middle Eastern, South Asian, and African Studies)  
 Jeffrey Lax  
 Mahmood Mamdani (Anthropology)  
 Karuna Mantena  
 M. Victoria Murillo (also School of International and Public Affairs)  
 Andrew J. Nathan  
 Sharyn O'Halloran (also School of International and Public Affairs)  
 Justin Phillips (Chair)  
 Robert Y. Shapiro  
 Jack Snyder  
 Michael Ting (also School of International and Public Affairs)  
 Nadia Urbinati  
 Gregory Wawro  
 Andreas Wimmer (also Sociology)  
 Keren Yarhi-Milo (also School of International and Public Affairs)

## ASSOCIATE PROFESSORS

Sarah Daly  
 Alexander W. Hertel-Fernandez (also School of International and Public Affairs)  
 Turkuler Isiksel  
 Kimuli Kasara  
 John Marshall  
 Carlo Prato

## ASSISTANT PROFESSORS

Jonathan E. Collins (also Teachers College)  
 Naoki Egami  
 Nikhar Gaikwad  
 Junyan Jiang  
 Eunji Kim  
 Daniel Luban  
 Andrew McCall  
 Tamar Mitts (also School of International and Public Affairs)  
 Calvin Thrall  
 Yamil Velez

## VISITING PROFESSOR

Kenneth M. McElwain

## LECTURERS

Yujin Choi  
 Tenzin Dorjee  
 Jacqueline C. Dugard  
 Nathan Feldman  
 Kevin Funk  
 Elise Giuliano  
 Tsveta Petrova  
 Chiara Superti

## ON LEAVE

Prof. O'Halloran (2024-25)  
 Profs. Egami, Huber, Shapiro, Urbinati, and Dr. Funk (Fall 2024)  
 Profs. Frye, Luban, and Dr. Giuliano (Spring 2025)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students (policies)

Major Planning forms are available on the [department website](#).

### Policy on Double-Counting Courses

- Policies about double-counting courses to fulfill requirements in more than one major may be found here:
  - [Columbia College](#)
  - [School of General Studies](#)
- Courses in the Core Curriculum do not fulfill requirements for the Political Science major.

### Policy on Counting Credits outside the Department of Political Science

- Courses taken at other institutions or other Columbia departments may not be used to meet the requirement of a major or minor in political science without the approval of the Director of Undergraduate Studies or the department's

undergraduate adviser. Students should secure such approval in advance of registration.

### Pass/D/Fail and Grading Policy

- Students may use the Pass/D/Fail grading option for only the first course taken in the Department of Political Science.
  - The course used to fulfill the research methods requirement cannot be taken Pass/D/Fail.
- Students must receive a grade of at least C- in order for a course to count towards the major or concentration.

### AP Credit Policy

- Students who receive transfer credit for one or more AP exams in political science may count a maximum of one AP course toward the major or minor, contingent upon completing an upper-level (3000 or higher) course with a grade of C or higher in the subfield in which the AP exam was taken. All transfer credits must be approved by the Director of Undergraduate Studies or the [undergraduate adviser \(polisciadvise@columbia.edu\)](mailto:polisciadvise@columbia.edu).

### Transfer Credit Policy

- For the political science major, a maximum of three courses in political science may be transferred from other institutions, including study abroad and AP credit. For the economics-political science and political science-statistics interdisciplinary majors, a maximum of two courses in political science may be transferred from other institutions. For the political science minor, a maximum of one course in political science may be transferred from other institutions. All transfer credits must be approved in writing by the Director of Undergraduate Studies or the graduate-student advisers.
- Students wishing to count transfer credits toward the major or minor should send the graduate-student advisers their transfer credit report, the syllabi of the courses they want to count toward departmental requirements, and a statement of how they want to apply the transfer credits to the requirements.

### Independent Study Policy

- Independent Study (POLS UN3901 INDEPENDENT RESEARCH I in the fall or POLS UN3902 INDEPENDENT RESEARCH II in the spring) taken in fulfillment of course requirements for the major/minor must be taken for at least 3 points of credit.

## Program Planning for all Students

To be planned with the department as soon as the student starts to register for courses toward the major. Students should not

wait until they formally declare the major before meeting with an undergraduate adviser during the registration period to plan their programs for the major.

## Course Numbering Structure

The department's course number scheme helps students identify at a glance the level, type, and subfield of a particular course.

### Prefixes and Course Levels

The prefix and first digit of the course number indicates the level of the course.

- UN: courses numbered 1000-3999 are for undergraduates only
- GU: mixed level courses numbered 4000-4999 are open to both undergraduates and graduate students
- GR: courses numbered 5000-9999 are for graduate students

Undergraduates may register for courses designated with a GR prefix by [following the instructions for cross-registration](#).

### Course Numbers and Subfields

Course distribution requirements for both undergraduate and graduate political science programs include depth and breadth with regard to subfields in the discipline. With the exception of undergraduate seminars, the second digit of course numbers indicates the subfield of the course content. Undergraduate seminars are numbered in the UN39xx series, with the third digit indicating subfield.

### Number Scheme for UN Lecture Courses

- X1XX: political theory
- X2XX: American politics
- X5XX: comparative politics
- X6XX: international relations
- X7XX: methodology

### Number Scheme for Undergraduate Seminars

Undergraduate seminars are numbered "UN 39xx." The third digit of the course number indicates subfield.

- All sections of 3911 are seminars in political theory.
- All sections of 3921 are seminars in American politics.
- All sections of 3951 3952 are seminars in comparative politics.
- All sections of 3961 3962 are seminars in international relations.

## Number Scheme for GU and GR Courses

For courses numbered GU4000-4999 and GR5000-9999, the second digit indicates subfield as follows:

- X1XX: political theory
- X2XX: American politics
- X4XX: comparative politics
- X7XX: methodology (see further detail about the scheme for methods courses below)
- X8XX: international relations

## Number Scheme for Graduate Field Survey Courses

All graduate field surveys are numbered at the 6000 level, and are the only 6000-level courses the department offers.

- GR 6101: Issues in Political Theory
- GR 6210-6211: Issues and Debates in American Politics
- GR 6411-6412: Comparative Politics Survey I and II
- GR 6801: Theories of International Relations

## Number Scheme for Methodology Courses

Methods courses may be offered as UN, GU, or GR courses at any level. Their second digit is 7. The third digit in the course number indicates the type of methodology covered in the course.

- X70X: basic tools (math and methods of inquiry)
- X71X: introductory statistics
- X73X: game theory
- X76X: applied empirical methods
- X78X: qualitative methods
- X79X: advanced statistics

## Guidance for First-Year Students

Our [Considering a Political Science Major](#) page has answers to common questions new students may have about the program. The department website also contains plenty of helpful information about advising, placement, course planning, opportunities in the department, and more. If you are interested in studying political science, then it is strongly recommended that you read through the information available there, as well as considering the different available [fields of study](#).

## Guidance for Transfer Students

Our [Considering a Political Science Major](#) page has answers to common questions transfer students may have about the program. The department website also contains plenty of

helpful information about advising, placement, course planning, opportunities in the department, and more. If you are interested in studying political science, then it is strongly recommended that you read through the information available there, as well as considering the different available [fields of study](#).

After familiarizing themselves with the political science program, transfer students should consider submitting a transfer credit request for political science courses taken at their previous institution. Further information about counting transfer credits can be found in the requirements sections in this bulletin or on the department website.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in Political Science

#### Course Requirements

Students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The major in political science requires a minimum of 9 courses in political science, to be distributed as follows:

#### Introductory Courses

Students must take two of the following introductory courses:

POLS UN1201	INTRO TO AMERICAN POLITICS
POLS UN1501	INTRO TO COMPARATIVE POLITICS
POLS UN1601	INTERNATIONAL POLITICS
POLS UN1101	POLITICAL THEORY I

NOTE: Introductory courses taken that do not fit into the Primary or Secondary Subfield will be counted in the Political Science Elective category.

#### Primary Subfield

Minimum three courses.

#### Minor Subfield

Minimum two courses.

#### Seminars

Two 4-point 3000-level seminars, at least one of which is in the student's Primary Subfield.

(See "Seminars" section below for more information)

#### Research Methods \*

Minimum one course in research methods. Courses that satisfy the research methods requirement are:

POLS UN3220	LOGIC OF COLLECTIVE CHOICE
POLS UN3289	Media and Data in American Politics



POLS UN3704	RESEARCH DESIGN: DATA ANALYSIS
POLS UN3720	RESEARCH DESIGN: SCOPE AND METHODS
POLS UN3706	EMPIRICAL RESEARCH METHODS IN POLITICAL SCIENCE
POLS UN3768	Experimental Research
POLS GU4710	PRINC OF QUANT POL RESEARCH 1
POLS GU4712	PRINC OF QUANT POL RESEARCH 2
POLS GU4716	Data Science for Political Analytics
POLS GU4720	QUANT METH 1 APPL REG CAUS INF
POLS GU4722	QUANT METH 2 STAT THEO# CAUS INF
POLS GU4724	QUANT METH 3 EXPERIMENTAL METH
POLS GU4726	QUANT METH 4 TOPICS IN METHODS
POLS GU4762	Politics in the Lab
POLS GU4764	Design and Analysis of Sample Surveys
POLS GU4790	Advanced Topics in Quantitative Research
POLS GU4792	Quantitative Methods: Research Topics

Political Science Electives

Minimum one course (in any subfield).

\* Students must complete the methods requirement by the end of the junior year. A student may fulfill the research methods requirement with another course inside or outside the department only with the advance written permission of the Director of Graduate Studies or the department's undergraduate adviser. If a course outside the Department of Political Science is used to satisfy the research methods requirement, this same course cannot be used to fulfill requirements of another major, concentration or program.

Seminars

Students are expected to take two 3000-level 4-point seminars. They may choose from among the seminars offered, though at least one of the seminars taken must be in the student's Primary Subfield (that in which at least 9 other points have been completed). Entry into seminars requires the instructor's permission.

For detailed seminar registration guidelines, see [the department website](#). Seminars cannot be taken for R credit or Pass/D/Fail.

Barnard colloquia are open to students with the permission of the instructor. However, Barnard colloquia may **not** be used to fulfill the seminar requirement, though they may be used to

fulfill subfield or elective requirements. Note that admission to Barnard colloquia is by application to the Barnard Political Science Department only. Please consult with the Barnard Political Science Department for more information.

Major in Economics–Political Science

The major in economics-political science is an interdisciplinary major that introduces students to the methodologies of economics and political science and stresses areas of particular concern to both. This program is particularly beneficial to students planning to do graduate work in schools of public policy and international affairs.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Political Science. Please note that the economics adviser can only advise on economics requirements and the political science adviser can only advise on political science requirements.

Course Requirements

For the political science part of the major, students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The corresponding introductory courses in both subfields must be taken, plus two electives in the Primary Subfield and one in the Secondary Subfield. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The economics–political science major requires a total of 59 points: 22 points in economics, 17 points in political science, 6 points in mathematics, 6 points in statistical methods, 4 points in a political science seminar, and 4 points in the interdisciplinary seminar as follows:

Core Requirements in Economics

Students must take all of the following core economics courses:	
ECON UN1105	PRINCIPLES OF ECONOMICS
ECON UN3211	INTERMEDIATE MICROECONOMICS
ECON UN3213	INTERMEDIATE MACROECONOMICS
ECON UN3412	INTRODUCTION TO ECONOMETRICS
or POLS GU4712	PRINC OF QUANT POL RESEARCH 2
ECON GU4370	POLITICAL ECONOMY

Core Requirements in Mathematics and Statistics

Students must take all of the following core mathematics and statistics courses:	
MATH UN1101	CALCULUS I
MATH UN1201	CALCULUS III
STAT UN1201	CALC-BASED INTRO TO STATISTICS



**Economics Electives**

Students must take two electives at the 3000 level or higher in the Department of Economics.

**Political Science Courses**

Students must choose a Primary Subfield and a Secondary Subfield to study. The subfields are as follows: American Politics (AP), Comparative Politics (CP), International Relations (IR), and Political Theory (PT).

Primary Subfield: Minimum three courses, one of which must be the subfield's introductory course.

Secondary Subfield: Minimum two courses, one of which must be the subfield's introductory course.

**Seminars**

Students must take the following two seminars:

ECPS GU4921	SEMINAR IN POLITICAL ECONOMICS
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and a Political Science Department seminar, in the student's Primary Subfield. Please select one of the following: \*

POLS UN3911	SEMINAR IN POLITICAL THEORY
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POLS UN3921	AMERICAN POLITICS SEMINAR
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POLS UN3951	COMPARATIVE POLITICS SEMINAR
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POLS UN3961	INTERNATIONAL POLITICS SEMINAR
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\* Students who wish to count toward the political science seminar requirement a course that is not in the above list of approved seminars must obtain permission from the political science Director of Undergraduate studies.

Barnard colloquia may not be used to fulfill the seminar requirement. Note that admission to Barnard colloquia is by application to the Barnard political science department only.

**Major in Political Science–Statistics**

The interdepartmental major of political science–statistics is designed for students who desire an understanding of political science to pursue advanced study in this field and who also wish to have at their command a broad range of sophisticated statistical tools to analyze data related to social science and public policy research.

Students should be aware of the rules regarding the use of the Pass/D/Fail option. Courses in which a grade of D has been received do not count toward the major requirements.

Political science–statistics students are eligible for all prizes reserved for political science majors.

The political science–statistics major requires a minimum of 15 courses in political science, statistics, and mathematics, to be distributed as follows:

**POLITICAL SCIENCE**

Primary Subfield

-Students must choose a Primary Subfield to study. Within the subfield, students must take a minimum of three courses, including the subfield's introductory course. The subfields and their corresponding introductory courses are as follows:

**American Politics:**

POLS UN1201	INTRO TO AMERICAN POLITICS
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**Comparative Politics:**

POLS UN1501	INTRO TO COMPARATIVE POLITICS
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**International Relations:**

POLS UN1601	INTERNATIONAL POLITICS
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**Political Theory:**

POLS UN1101	POLITICAL THEORY I
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-Additionally, students must take one 4-point 3000-level seminar in their Primary Subfield.

**Research Methods**

-Students must take the following two research methods courses:

POLS GU4710	PRINC OF QUANT POL RESEARCH 1
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or POLS UN3704 RESEARCH DESIGN: DATA ANALYSIS

POLS GU4712	PRINC OF QUANT POL RESEARCH 2
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**STATISTICS**

-Students must take one of the following sequences:

Sequence A — recommended for students preparing for graduate study in statistics <sup>1</sup>

MATH UN1101	CALCULUS I
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MATH UN1102	CALCULUS II
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MATH UN2010	LINEAR ALGEBRA
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STAT UN1201	CALC-BASED INTRO TO STATISTICS
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STAT GU4203	PROBABILITY THEORY
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STAT GU4204	STATISTICAL INFERENCE
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STAT GU4205	LINEAR REGRESSION MODELS
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STAT GU4206	STAT COMP # INTRO DATA SCIENCE
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or

Sequence B — recommended for students preparing to apply statistical methods to other fields

STAT UN1101	INTRODUCTION TO STATISTICS
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STAT UN2102	Applied Statistical Computing
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STAT UN2103	APPLIED LINEAR REG ANALYSIS
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STAT UN2104	APPL CATEGORICAL DATA ANALYSIS
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STAT UN3105	APPLIED STATISTICAL METHODS
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STAT UN3106	APPLIED MACHINE LEARNING
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Statistics Elective

-Students must take an approved elective in a statistics or a quantitatively oriented course in a social science.

1- Students taking Statistics Sequence A may replace the mathematics requirements with both MATH UN1207 HONORS MATHEMATICS A and MATH UN1208 HONORS MATHEMATICS B.

Minor in Political Science

Course Requirements

The minor in political science requires a minimum of 5 courses in political science, to be distributed as follows:

Introductory Courses	
Students must take two of the following introductory courses:	
POLS UN1201	INTRO TO AMERICAN POLITICS
POLS UN1501	INTRO TO COMPARATIVE POLITICS
POLS UN1601	INTERNATIONAL POLITICS
POLS UN1101	POLITICAL THEORY I
Political Science Electives	
Minimum three courses (in any subfield)	

FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentration in Political Science

Program of Study

To be planned with the department as soon as the student starts to register for courses toward the concentration. Students should not wait until they formally declare the concentration before meeting with an undergraduate adviser during the registration period to plan their programs for the concentration.

Concentration Requirements

Students must choose a **Primary Subfield** and a **Secondary Subfield** to study. The subfields are as follows:

- American Politics (AP)
- Comparative Politics (CP)
- International Relations (IR)
- Political Theory (PT)

The concentration in political science requires a minimum of 7 courses in political science, to be distributed as follows:

Introductory Courses	
Students must take two of the following introductory courses:	
POLS UN1201	INTRO TO AMERICAN POLITICS
POLS UN1501	INTRO TO COMPARATIVE POLITICS

POLS UN1601	INTERNATIONAL POLITICS
POLS UN1101	POLITICAL THEORY I
NOTE: Introductory courses taken that do not fit into the Primary or Secondary Subfield will be counted in the Political Science Elective category.	
Primary Subfield	
Minimum two courses.	
Secondary Subfield	
Minimum two courses.	
Research Methods *	
Minimum one course in research methods. Courses that satisfy the methods requirement are:	
POLS UN3220	LOGIC OF COLLECTIVE CHOICE
POLS UN3289	Media and Data in American Politics
POLS UN3704	RESEARCH DESIGN: DATA ANALYSIS
POLS UN3706	EMPIRICAL RESEARCH METHODS IN POLITICAL SCIENCE
POLS UN3720	RESEARCH DESIGN: SCOPE AND METHODS
POLS UN3768	Experimental Research
POLS GU4710	PRINC OF QUANT POL RESEARCH 1
POLS GU4712	PRINC OF QUANT POL RESEARCH 2
POLS GU4720	QUANT METH 1 APPL REG CAUS INF
POLS GU4722	QUANT METH 2 STAT THEO# CAUS INF
POLS GU4724	QUANT METH 3 EXPERIMENTAL METH
POLS GU4726	QUANT METH 4 TOPICS IN METHODS
POLS GU4762	Politics in the Lab
POLS GU4764	Design and Analysis of Sample Surveys
POLS GU4790	Advanced Topics in Quantitative Research
POLS GU4790	Advanced Topics in Quantitative Research
POLS GU4792	Quantitative Methods: Research Topics

Political Science Electives  
Minimum two courses (in any subfield).

\* Students must complete the methods requirement by the end of the junior year. A student may fulfill the research methods requirement with another course inside or outside the department only with the advance written permission of the Director of Graduate Studies or the department's undergraduate adviser. If a course outside the Department of Political Science is used to satisfy the research methods

requirement, this same course cannot be used to fulfill requirements of another major, concentration or program.

# PSYCHOLOGY

## THE PSYCHOLOGY DEPARTMENT:

Department website: <https://psychology.columbia.edu/>

Office location: 406 Schermerhorn Hall

Office contact: 212-854-3608; [info-psych@columbia.edu](mailto:info-psych@columbia.edu)

Department Chair: Nim Tottenham, Ph.D.

Psychology Major and Concentration Advisors:

- Prof. Patricia Lindemann; [pgl2@columbia.edu](mailto:pgl2@columbia.edu) (Students with last names beginning A-F)
- Prof. Nora Isacoff; [ni2237@columbia.edu](mailto:ni2237@columbia.edu) (Students with last names beginning G-K)
- Prof. Katherine Fox-Glassman; [kjt2111@columbia.edu](mailto:kjt2111@columbia.edu) (Students with last names beginning L-R)
- Prof. John Thorp; [jnt2136@columbia.edu](mailto:jnt2136@columbia.edu) (Students with last names beginning S-Z)

Neuroscience and Behavior Major Advisors:

Psychology:

- Prof. Alfredo Spagna; [as5559@columbia.edu](mailto:as5559@columbia.edu) (Students with last names beginning A-H);
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- Prof. Chris Baldassano; [cab2304@columbia.edu](mailto:cab2304@columbia.edu) (Students with last names beginning R-Z);

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## THE STUDY OF PSYCHOLOGY

The Department of Psychology offers students a comprehensive curriculum in psychological science, including research

methods, cognition, neuroscience, developmental, social, and clinical areas. The curriculum prepares majors for graduate education in these fields and also provides a relevant background for social work, education, medicine, law, and business.

Psychology course offerings are designed to meet the varying needs and interests of students, from those wishing to explore a few topics in psychology or to fulfill the science requirement, to those interested in majoring in Psychology or in Neuroscience and Behavior.

## STUDENT ADVISING

The Department of Psychology offers a variety of advising resources to provide prospective and current undergraduate majors and concentrators with the information and support needed to successfully plan their programs. An overview of these resources is provided on the Psychology Undergraduate Advising Resources website.

Students are encouraged to consult with Peer, Faculty, and Program Advisers as they plan their course of study in Psychology or Neuroscience and Behavior. Faculty and Peer Advisers are important contacts for general advice on class choices, research opportunities, and post-graduation plans. For definitive answers to questions regarding major requirements and other aspects of your degree, including transfer credit, current and prospective majors should consult their Program Adviser (Director of Undergraduate Studies) or the Undergraduate Curriculum Assistant in the departmental office. Program Adviser assignments and contact information are provided on the departmental website. For additional information about program, faculty, peer, and pre-clinical advising, please see the Psychology Undergraduate Advising Resources website.

## Enrolling in Classes

### Major Requirement Checklist

Prior to the start of their final semester, all seniors must submit a Major Requirement Checklist showing all major courses they have taken and those they plan to take. The Psychology department evaluates each checklist to determine whether or not the course plan completes the major requirements and then notifies the student accordingly. If the student's course plan changes, or if it does not satisfy the major requirements, a revised checklist must be submitted. Departmental approval of an accurate and up-to-date checklist will help ensure completion of all major requirements on time for graduation.

### Non-Psychology Courses

Some courses offered outside of the Psychology departments can count toward major requirements (e.g., courses taken in the Statistics Department; cognate courses offered through Philosophy, Business, Law, etc.). A maximum of 2 such non-PSYC courses may be applied toward the major. Courses offered in the Barnard Psychology or Neuroscience departments do not count toward this limit.

## Overlapping Courses

Students cannot receive credit for two courses—one completed at Columbia and one at another institution (including Barnard)—if those courses have largely overlapping content. For example, **PSYC UN1001 THE SCIENCE OF PSYCHOLOGY** is similar in content to introductory psychology courses offered at many other institutions, including Barnard; only one such course will receive credit. Similarly, **PSYC UN2630 SOCIAL PSYCHOLOGY** and **PSYC BC1138 Social Psychology** have overlapping content; only one will receive credit. Please refer to the table of [Overlapping Courses](#) for a partial list of courses at Columbia and Barnard that are known to overlap.

## Preparing for Graduate Study

Most graduate programs in psychology, including those in clinical psychology, require:

An undergraduate course in introductory psychology:

PSYC UN1001	THE SCIENCE OF PSYCHOLOGY
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A course in statistics such as one of the following:

PSYC UN1610	STATISTICS-BEHAVIORAL SCIENTISTS
PSYC UN1660	Advanced Statistical Inference
STAT UN1001	INTRO TO STATISTICAL REASONING
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN1201	CALC-BASED INTRO TO STATISTICS

A laboratory course in research methods such as one of the following:

PSYC UN1420	RESEARCH METHODS - HUMAN BEHAVIOR
PSYC UN1450	RESEARCH METHODS - SOCIAL COGNITION & EMOTION
PSYC UN1455	RESEARCH METHODS: SOCIAL/PERSONALITY
PSYC UN1490	RESEARCH METHODS - COGNITION/DECISION MAKING

Students should also take a variety of more advanced undergraduate courses and seminars. Students interested in PhD programs in any area of psychology are strongly encouraged to become involved in a research lab, and may wish to participate in the Senior Thesis Advanced Research program (STAR). To join STAR, students must apply by the early fall of their junior year.

Students interested in clinical psychology should obtain experience working in a community service program in addition to supervised individual research experience. Students should consult the department's pre-clinical adviser, [Prof. E'mett McCaskill](#), and attend the department's pre-clinical advising events for more information. Additional resources to help

prepare students for graduate study in psychology, and for careers in clinical psychology, are available on the [Department of Psychology's website](#). Students may also sign-up for the [preclinical advising listserv](#) to receive emails about events and relevant information.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

### Advanced Placement

The Psychology Department accepts a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam, to meet the Science of Psychology requirement. The AP/IB Psychology exam does not count as a course towards their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course to fulfill the required number of courses for their program.

The College Board Advanced Placement (AP) statistics scores do not satisfy the statistics requirement. Students who have completed AP statistics may opt to take a more advanced statistics course to fulfill this requirement with the approval of one of the Psychology Program Advisors.

### Barnard College Courses

A maximum of 5 courses counted toward the major may be from outside of the Columbia Psychology Department ("outside Columbia Psych" includes both Barnard and transfer courses, as well as courses in other departments including Statistics).

The table of [approved Barnard psychology courses](#) indicates which courses have been approved for specific requirements of the psychology major. To seek approval for a course not on the approved list to be applied to a specific requirement, students must contact their program advisor. All Barnard Psychology courses not on the approved list for a specific requirement may be applied as elective credit towards the 11 courses needed for the major requirements.

Barnard Lab courses do not count towards the Research Methods requirement of the Psychology Major or Concentration.

### Transfer Courses

For a course taken outside of Columbia or Barnard to be able to count toward the Psychology Major or the Neuroscience & Behavior Major, the following must be true:

- The course should be substantially similar in content and/or learning objectives to one offered at Columbia.
- The course must have been approved for at least 3 points of credit by GS or CC.
- The grade received must be a B- or better.
- The course must have been taken for a grade (no Pass/Fail).



- The course must have been taken within the past 7 years.

If a course taken at another institution overlaps with a course taken at Columbia, only one will be applied towards the major. Please consult your Program Advisor if you are considering registering for a Columbia or Barnard course that is similar to a transfer course you plan to count toward your major.

#### Psychology Major

- Up to 3 transfer courses may be counted toward the Psychology Major. Approval of transfer credits on a student's Entrance Credit Report toward general requirements for the bachelor's degree does not grant approval of these credits toward the psychology major. Once your school has approved your transfer courses, you then need to confirm whether they can fulfill psychology requirements using the [Major Requirement Substitution Form](#).
- Online or hybrid transfer courses may only be applied towards elective credit for the major. All transfer courses applied to specific major requirements (e.g., Introductory Psychology, Groups 1 – 3, etc.) must have been taken fully in person.
- Students who have completed an introductory psychology course at another institution should submit a Major Requirement Substitution Request (see procedure, below) to verify whether or not this course meets departmental standards to count towards the major. If transfer credit toward the major is not approved, the student must enroll in PSYC UN1001 or PSYC BC1001 to complete this major requirement.
- Statistics courses taken anywhere other than Columbia or Barnard may not count toward the major. Psychology majors will benefit from taking statistics here no matter how well they did in previous intro stats courses. If you are entering Columbia with extensive statistics coursework, your Program Advisor will help you find an appropriate advanced statistics course that can meet the Statistics Requirement of your major.
- The Psychology Department allows students to meet the Science of Psychology requirement with a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam. The AP/IB Psychology exam does not count as a course towards their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course to fulfill the required number for their major.
- College Board Advanced Placement (AP) statistics exam scores may not be used to satisfy the statistics requirement of the Psychology Major.

#### Psychology Concentration

- The same guidelines for transferring courses to count toward the Psychology Major apply to the concentration, except that the maximum number of transfer courses that may count toward the concentration is 2.

#### Neuroscience & Behavior Major

- The Neuroscience & Behavior major is co-sponsored by the Department of Psychology and the Department of Biological Sciences. In addition to one year of college general chemistry, eleven courses are required to complete the Neuroscience & Behavior major: seven from the Department of Biological Sciences and five from the Department of Psychology (commonly referred to as P1-P5). Please, consult [this page](#) for additional information on the major requirements for the Neuroscience and Behavior Major.
- Students should consult their [Program Advisor](#) in the Psychology department before registering for psychology courses offered outside the department. With the Advisor's approval, a maximum of one psychology course from another institution, including Barnard, may be applied toward the psychology portion of the Neuroscience & Behavior major.
- Transfer courses taken in any modality (in-person, online, or hybrid) may be eligible to count toward P1. Transfer courses must have been taken fully in-person to be eligible to count for P2-P5.
- Students who wish to obtain credit for a course taken at Barnard or at another institution should complete the [Major Requirement Substitution Form](#). To be approved for the major, the course should be substantially similar to one offered by this department and approved for this major, and the grade received must be a C- or better if from Barnard, or B- or better if from another institution.
- The Psychology Department allows students to meet the Science of Psychology requirement with a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam. The AP/IB Psychology exam does not count as a course for their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course to fulfill the required number of courses for their major.
- Statistics courses taken anywhere other than Columbia or Barnard may not be counted toward the N&B major; AP Statistics also is not able to count toward the Statistics (i.e., P3) requirement. Students who have completed a statistics course elsewhere are encouraged to fulfill the P3 requirement either with an intermediate/advanced stats course offered at Columbia, or by taking a PSYC UN1400-level research methods course.

## Study Abroad Courses

Students planning to study abroad should consult with their Program Advisor (see above) prior to selecting their courses to see which ones are likely to be able to count toward major requirements. The official process of approving study-abroad courses to count toward your major can begin once you have completed your study abroad semester(s); however, your Program Advisor can give you their best guess for what can and cannot count.

**Psychology majors:** We recommend that you plan to meet most, if not all, of your major requirements while at Columbia. The Psychology Major is quite small in terms of course requirements, to allow for students to explore electives that complement their major coursework. This also allows for students studying abroad to spend that semester focusing on courses that you wouldn't have had the chance to take at Columbia.

**Neuroscience & Behavior majors:** It can be difficult to fit a study-abroad semester in to the N&B major because the Biology requirements include two year-long course sequences. N&B majors looking to study abroad should consult with their advisors as early as possible to see if it will be feasible to complete all of your major requirements.

## Summer Courses

Any course offered by the Psychology Department during the Summer Session is applicable toward the same major requirement(s) as the corresponding course of that same number offered during the academic year. For instance, PSYC S1001 The Science of Psychology meets the same major requirements as does PSYC UN1001 THE SCIENCE OF PSYCHOLOGY.

## CORE CURRICULUM CONNECTIONS

PSYC UN1001 THE SCIENCE OF PSYCHOLOGY and any PSYC course in the 2200- or 2400-level may be used to partially fulfill the science requirement. 2600-level courses and some other psychology courses, including PSYC BC1001 INTRODUCTION TO PSYCHOLOGY and other Barnard psychology courses, may not be used to fulfill the science requirement.

All 3- and 4-point courses numbered in the 32xx, 34xx, 42xx, and 44xx can partially fulfill the science requirement. For more detailed information regarding psychology courses that may be applied toward the science requirement, see the Core Curriculum section in this bulletin.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

All qualified students are welcome to apply to join a research lab and contribute to ongoing projects. Students may volunteer to work in a lab, register for supervised individual research

(PSYC UN3950 Supervised Individual Research), or participate in the department's Senior Thesis Advanced Research (STAR) Program. Information on faculty research is available on the departmental website. Students are advised to read about research laboratories on faculty lab sites and visit the professor's office hours to discuss opportunities. At the beginning of the fall term, the department also hosts a Lab-Preview event for students to learn about research opportunities for the upcoming semester.

## Undergraduate Research in Courses

No more than 4 points of PSYC UN3950 Supervised Individual Research or PSYC UN3920 HONORS RESEARCH may be taken in any one term, and no more than 2 courses' worth (8 points total) of research and field work courses may be applied toward the major. "Research and field work courses" include: PSYC UN3950 SUPERVISED INDIVIDUAL RESEARCH, PSYC BC3466 FIELD WORK # RESEARCH SEMINAR: TODDLER CENTER, PSYC BC3473 CLINICAL FIELD PRACTICUM, PSYC BC3592 Senior Research Seminar and PSYC BC3599 Individual Projects. Research courses must be taken for 3 or 4 points in order to count toward the major. (See above for further restrictions on applying Barnard courses toward the psychology major).

## Senior Thesis Coursework and Requirements

Students with strong interests in psychological/neuroscientific research are encouraged to apply for admission to the Psychology Department's Psych/Neuro Senior Thesis Advanced Research (STAR) program in the fall of their junior year or the equivalent, such that they will be able to participate in the three consecutive semesters (spring - fall - spring) that are required in the program.

**Important:** Students will need to confirm that a professor has agreed to mentor them before being admitted into the program. Therefore, interested applicants should reach out to potential mentors to find a lab placement before applying. **Tip:** The best way to ensure finding a mentor is to get involved in that mentor's research before asking if they can provide mentoring/supervision on your thesis. Please read through all the information below before submitting your application.

Students interested in engaging in a Psych/Neuro Senior Thesis:

The series includes:

1. Enrolling in a 3-semester Senior Thesis Advanced Research series, which includes a weekly seminar and research commitment, that must occur consecutively in your Junior year spring semester and Senior year (fall & spring), or equivalent [NOTE: this research course includes performing intensive, independent research with a lab mentor, writing a final thesis, and giving an oral presentation of the thesis at the end of the 3rd semester]
2. Enrolling in a one-semester methods course (PSYC UN1920, UN1420/21, UN1450/51, UN1455/56, UN1490/91) in any semester during undergrad (i.e., before or during the series).

Students are strongly encouraged to complete this methods training during or before the spring of their junior year (or equivalent).

The application is due in mid fall, and decisions are communicated in time for admitted students to register to begin Psych/Neuro Senior Thesis Advanced Research-related classes in the spring.

The application process comprises the following steps:

1. Identifying a lab sponsor: If you think you might be interested in applying, you should start reaching out to labs that you're interested in well in advance of the application deadline to see if they might have openings for research assistants and if they'd be willing to mentor you in your research. Keep in mind that mentoring a student is a significant commitment on the part of a professor, and so it may be difficult to identify a professor who can provide mentorship. Successful applicants typically demonstrate how their own research interests fall in line with those of their proposed sponsor and attest that their faculty member/PI has agreed to sponsor them. Once you have secured a position in a lab, you and your mentor will need to fill out the [mentor agreement form](#).
2. Complete the online application: The application will be made available on our psychology department [website](#), and comprises a few relatively short questions asking students to describe their previous coursework and research-related experiences and to write about their intended research interests.

## Undergraduate Research Outside of Courses

Most students who work in psychology labs do so either on a volunteer basis or as a paid Research Assistant. See [here](#) for more information on getting involved in a psychology lab.

## DEPARTMENT HONORS AND PRIZES

All students aspiring to graduate with Academic Honors must enroll in the Psychology Department's Psych/Neuro Senior Thesis Advanced Research (STAR) program. However, acceptance to and participation in this program does not automatically result in earning academic honors (see requirements for academic honors below).

Note the students majoring in Neuroscience & Behavior may earn academic honors through the Department of Biological Sciences instead. (Please check their website for more details on that process.)

### Department Honors

The Psych/Neuro Senior Thesis Advanced Research program is open to students majoring in Psychology or Neuroscience & Behavior and includes the following:

Senior Thesis Advanced Research Seminar ([UN3930](#)): This is a two-hour, 1-4 credit course that meets biweekly, during which students present and discuss their ongoing research. Students in the course also attend the [Psychology Department's Colloquium Series](#), which features researchers from outside the Department speaking on a variety of topics in Psychology/Neuroscience. The seminar and colloquia always take place on Wednesdays from 4:10 - 6:00 p.m. Students in the Psych/Neuro Senior Thesis Advanced Research program enroll in this course during the spring of their junior year and during the fall and spring of their senior years, or the equivalent.

Senior Thesis Research: Starting in the spring of their junior year and continuing through senior year, all students in the Psych/Neuro Senior Thesis Advanced Research program conduct research under the supervision of a Psychology Department faculty member or a faculty member/principal investigator in a psychology- or neuroscience-focused lab outside the department, including at Barnard College, the Zuckerman Mind Brain Behavior Institute, Columbia Business School, Columbia University Irving Medical Center, and other research institutions in the area.

Research Methods Course: To fulfill this requirement, students should complete a methods course (PSYC UN1920 The How-To's of Research; PSYC UN1420/21 Research Methods: Human Behavior; PSYC UN1450/51 Research Methods: Social Cognition & Emotion; PSYC UN1455/56 Research Methods: Social & Personality Psychology; PSYC UN1490/91 Research Methods: Cognition & Decision-making).

Senior Thesis: Students in the Psych/Neuro Senior Thesis Advanced Research program complete an original research project under the supervision of their faculty advisor. Senior students present their research orally at the last colloquium of the Spring term, and also submit a written senior thesis.

Eligibility for Departmental Honors:

Students participating in the Psych/Neuro Senior Thesis Advanced Research program are also eligible to receive academic honors when they graduate, provided they 1) complete all components of the program, 2) earn a GPA in the major of 3.6 or higher at the time of graduation, and 3) are recommended by the Psychology department faculty. Please note that academic honors can be awarded to no more than 10% of the graduating class each year, so while only students who have participated in this senior thesis research intensive are eligible to receive academic honors, not everyone in the Senior Thesis Advanced Research program will receive academic honors.

## OTHER IMPORTANT INFORMATION

### Email Communication

The department maintains an e-mail distribution list with the UNIs of all declared majors and concentrators. Students are held responsible for information sent to their Columbia e-mail addresses. Students should read these messages from the department regularly and carefully. They are intended to keep

students informed about deadlines, requirements, events, and opportunities. Prospective majors or concentrators who would like to be added to the e-mail distribution list should contact the Undergraduate Curriculum Assistant in the departmental office.

#### Online Information

The Department of Psychology [website](#) provides access to a wide variety of information for majors and prospective majors. Among other useful resources, students will find syllabi posted for most lecture and lab courses and for many advanced seminars. Students should read the on-line course syllabi prior to registering for psychology courses. For assistance in finding all necessary resources, students should contact the undergraduate curriculum assistant ([psych-uca@columbia.edu](mailto:psych-uca@columbia.edu)).

#### Grade Requirements for the Major

A grade of C-, or higher, must be earned and revealed on your transcript in any Columbia or Barnard course — including the first — that is used to satisfy the major or concentration requirements.

Courses taken on a Pass/D/Fail basis may not be used to satisfy the major or concentration requirements unless the grade of P is uncovered by the Registrar's deadline. Students may petition to have their P/D/F grades uncovered after the registrar's deadline for the following courses only: PSYC UN1001 Science of Psychology, and PSYC UN1610 Introductory Statistics for Behavioral Scientists.

Courses taken for a P grade may not be used to satisfy the major or concentration requirements, except for P grades earned in the Spring 2020 semester, and during semesters when CC and GS enact exceptions allowing P grades to count for major requirements.

## PROFESSORS

Dima Amso  
Niall Bolger  
Lila Davachi  
Geraldine Downey  
William Fifer (Psychiatry, Pediatrics)  
Norma Graham  
Carl Hart  
Tory Higgins  
Donald C. Hood  
Nikolaus Kriegeskorte  
Janet Metcalfe  
Kevin Ochsner (Chair)  
Rae Silver (Barnard)  
Daphna Shohamy  
Herbert Terrace  
Nim Tottenham  
Sarah M.N. Woolley

## ASSOCIATE PROFESSORS

Jon Freeman  
Valerie Purdie-Greenaway  
Randy Auerbach (Psychiatry)

## ASSISTANT PROFESSORS

Mariam Aly  
Christopher Baldassano  
Larisa Heiphetz  
Bianca Marlin  
Sarah Canetta (Psychiatry)  
Yunglin Gazes (Neurology)

## LECTURERS IN DISCIPLINE

Katherine Fox-Glassman  
Patricia Lindemann  
Caroline Marvin  
Alfredo Spagna

## ADJUNCT FACULTY

Usha Barahmand  
Jennifer Blaze  
Helen Brew  
Jeffrey Cohen  
Irit Felsen  
David Friedman  
Hannah Hoch  
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Trenton Jerde  
Tina Kao  
Svetlana Komissarouk  
E'mett McCaskill  
Michele Miozzo  
Michael Naft  
Jenna Reinen  
Svetlana Rosis  
Ayanna Sorett

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

Majors and concentrators in psychology and majors in neuroscience and behavior should begin planning a program of study as early as possible. All necessary forms and information are available in [Program Planning Tips](#). All majors and concentrators in [Psychology](#) and majors in [Neuroscience and Behavior](#) should complete a [Major Requirement Checklist \(MRC\)](#) before consulting a program adviser to discuss program plans. At minimum, all students must submit a [Major Requirement Checklist](#) prior to the start of their final semester, so that graduation eligibility can be certified. Once the MRC is submitted, the Undergraduate Curriculum Assistant and the DUS's will review your curriculum plans and advise if changes need to be made.



## Program Planning for all Students

The department's program goals start with the development of a solid knowledge base in psychological science. Consistent with the value psychology places on empirical evidence, courses at every level of the curriculum nurture the development of skills in research methods, quantitative literacy, and critical thinking, and foster respect for the ethical values that undergird the science of psychology.

Most of these program goals are introduced in PSYC UN1001 THE SCIENCE OF PSYCHOLOGY, the recommended first psychology course required for all majors that satisfies the prerequisite for most 2000-level courses. These goals are extended and reinforced in our statistics (1600-level) and research methods (1400-level) research methods courses, as well as in the 2000-level lecture courses and 3000- and 4000-level seminars. Each of the 2000-level lecture courses enables students to study systematically, and in greater depth, one of the content areas introduced in PSYC UN1001 THE SCIENCE OF PSYCHOLOGY. These lecture courses are the principal means by which psychology majors satisfy the distribution requirements, ensuring not only depth but also breadth of coverage across three central areas of psychology: (1) perception and cognition, courses in the 2200s, (2) psychobiology and neuroscience, courses in the 2400s, and (3) social, personality, and abnormal psychology, courses in the 2600s. To complete the major, students take one or more advanced seminars and are encouraged to participate in supervised research courses, where they have the opportunity to explore research questions in depth and further develop their written and oral communication skills.

## Course Numbering Structure

Course numbers reflect the structure of the Psychology curriculum:

- The 1000-level comprises introductions to psychology, introductory research methods courses, and statistics. PSYC UN1001 THE SCIENCE OF PSYCHOLOGY is an introductory course with no prerequisites, which can serve as the prerequisite for most of the 2000-level courses. PSYC UN1021 Science of Psychology: Explorations and Applications is an alternative version of PSYC UN1001 THE SCIENCE OF PSYCHOLOGY and fulfills the same requirements. The 1400s contain the research methods laboratory courses, and the 1600s contain statistics courses; these two course types are designed to prepare students to be able to understand, critique, and conduct the types of research found in many psychology and neuroscience labs.
- The 2000-level comprises lecture courses that are introductions to areas within psychology; most require PSYC UN1001 THE SCIENCE OF PSYCHOLOGY as a prerequisite.

- The 3000-level comprises more advanced and specialized undergraduate courses; most are given in a seminar format and require instructor permission.
- The 3900s are the courses providing research opportunities for undergraduates.
- The 4000-level comprises advanced seminars suitable for both advanced undergraduates and graduate students, and require instructor permission.

Subcategories within the 2000-, 3000-, and 4000-levels correspond to the three groups in our distribution requirement for undergraduate Psychology majors:

1. Perception and cognition (2200s, 3200s, and 4200s),
2. Psychobiology and neuroscience (2400s, 3400s, and 4400s), and
3. Social, personality, and abnormal psychology (2600s, 3600s, and 4600s).

Additionally, we designate Integrative and Applied courses using x800s (e.g., GU4880) and Advanced Topics in Psychology Research using the x900s (e.g., UN1910, UN1920, UN1930, UN1990, GU4930)

Note that Barnard psychology courses do not follow the same numbering scheme.

## Guidance for First-Year Students

Students with no prior psychology coursework should start by taking PSYC 1001 The Science of Psychology. PSYC 1001 or an equivalent introductory psychology course is a prerequisite to almost every other PSYC course, with the exception of PSYC 2630 Social Psychology.

Students who have taken an introductory psychology course may enroll in any PSYC course for which they meet the prerequisites. The best courses for students just starting out are a statistics course (PSYC 1610 is recommended) or any of the 2000-level PSYC lecture courses.

## Guidance for Transfer Students

Approval of transfer credits on a student's Entrance Credit Report toward general requirements for the B.A. degree does not grant approval of these credits toward the psychology major. Students must apply for written approval of transfer credit towards the major by submitting the Major Requirement Substitution Form and supporting documentation. This form, along with additional information about transfer credits can be found on the Transfer Credit page of our website.

Requirements for Transfer Courses



For a course taken outside of Columbia or Barnard to be able to count toward the Psychology Major or the Neuroscience & Behavior Major, the following must be true:

- The course should be substantially similar in content and/or learning objectives to one offered at Columbia.
- The course must have been approved for at least 3 points of credit by GS or CC.
- The grade received must be a B- or better.
- The course must have been taken for a grade (no P grades).
- The course must have been taken within the past 7 years.
- If a course taken at another institution overlaps with a course taken at Columbia, only one will be applied towards the major. Please consult your Program Advisor if you are considering registering for a Columbia or Barnard course that is similar to a transfer course you plan to count toward your major.

### **Psychology Major**

Up to 3 transfer courses may be applied toward the psychology major. Any transfer courses thus applied count toward the limit of 5 courses from outside the Columbia Psychology Department.

Students who have completed an introductory psychology course at another institution should submit a Major Requirement Substitution Request (see procedure, below) to verify whether or not this course meets departmental standards to count towards the major. If transfer credit toward the major is not approved, the student must enroll in PSYC UN1001 or PSYC BC1001 to complete this major requirement.

Statistics courses taken anywhere other than Columbia or Barnard may not count toward the major. Psychology majors will benefit from taking statistics here no matter how well they did in previous intro stats courses. If you are entering Columbia with extensive statistics coursework, your Program Advisor will help you find an appropriate advanced statistics course that can meet the Statistics Requirement of your major.

To count transfer courses toward a specific requirement of the major (e.g., Science of Psych; one of the Distribution Requirements), courses must have been taken fully in-person. Transfer courses taken online (or in hybrid format) are only eligible to count toward the elective portion of the major.

The Psychology Department allows students to meet the Science of Psychology requirement with a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam. The AP/IB Psychology exam does not count as a course or towards their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course to fulfill the required number of courses for their major.

College Board Advanced Placement (AP) statistics exam scores may not be used to satisfy the statistics requirement of the Psychology Major.

### **Psychology Concentration**

The same guidelines for transferring courses to count toward the Psychology Major apply to the concentration, except that the maximum number of transfer courses that may count toward the concentration is 2.

### **Neuroscience & Behavior Major**

The Neuroscience & Behavior major is co-sponsored by the Department of Psychology and the Department of Biological Sciences. In addition to one year of college general chemistry, eleven courses are required to complete the Neuroscience & Behavior major: seven from the Department of Biological Sciences and five from the Department of Psychology (commonly referred to as P1-P5). Please, consult [this page](#) for additional information on the major requirements for the Neuroscience and Behavior Major.

Students should consult their [Program Advisor](#) in the Psychology department before registering for psychology courses offered outside the department. With the Advisor's approval, a maximum of one psychology course from another institution, including Barnard, may be applied toward the psychology portion of the Neuroscience & Behavior major. Transfer courses taken in any modality (in-person, online, or hybrid) may be eligible to count toward P1. Transfer courses must have been taken fully in-person to be eligible to count for P2-P5. Students who wish to obtain credit for a course taken at Barnard or at another institution should complete the [Major Requirement Substitution Form](#). To be approved for the major, the course should be substantially similar to one offered by this department and approved for this major, and the grade received must be a C- or better if from Barnard, or B- or better if from another institution.

The Psychology Department allows students to meet the Science of Psychology requirement with a score of 5 on the AP Psychology exam, or a score of 7 on the Higher Level IB Psychology exam. The AP/IB Psychology exam does not count as a course or toward a student's points total for their program; students placing out of the Science of Psychology requirement in this way will need to take an additional course to fulfill the required number for their major.

Statistics courses taken anywhere other than Columbia or Barnard may not be counted toward the N&B major; AP Statistics also is not able to count toward the Statistics (i.e., P3) requirement. Students who have completed a statistics course elsewhere are encouraged to fulfill the P3 requirement either with an intermediate/advanced stats course offered at Columbia, or by taking a PSYC UN1400-level research methods course.

## UNDERGRADUATE PROGRAMS OF STUDY

### Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors

#### Double Majors/Concentrations

All students attempting to complete double majors, double concentrations, or a combination of a major and a concentration should consult the college rules for double counting of courses.

#### Overlapping Courses

Students cannot receive credit for two courses—one completed at Columbia and one at another institution (including Barnard)—if those courses have largely overlapping content. For example, PSYC UN1001 THE SCIENCE OF PSYCHOLOGY is similar in content to introductory psychology courses offered at many other institutions, including Barnard; only one such course will receive credit. Similarly, PSYC UN2630 SOCIAL PSYCHOLOGY and PSYC BC1138 Social Psychology have overlapping content; only one will receive credit. Please refer to the table of Overlapping Courses for a partial list of courses at Columbia and Barnard that are known to overlap.

#### Grade Requirements for the Major

A grade of C- or higher must be earned and revealed on the transcript in any Columbia or Barnard course, including the first, that is used to satisfy the major requirements. The grade of P is not accepted for credit towards the Psychology major, Psychology concentration, or Neuroscience and Behavior major. Courses taken on a Pass/D/Fail basis may not be used to satisfy the major or concentration requirements unless the grade of P is uncovered by the Registrar's deadline. Students may petition to have their P/D/F grades uncovered after the registrar's deadline for the following three courses only: PSYC UN1001 Science of Psychology, PSYC UN1010 Mind, Brain, & Behavior (no longer offered), and PSYC UN1610 Introductory Statistics for Behavioral Scientists. Courses taken for a P grade may not be used to satisfy the major or concentration requirements, except for P grades earned in the Spring 2020 semester.

#### Major Requirement Checklist

Prior to the start of their final semester, all seniors must submit a Major Requirement Checklist showing all major courses they have taken and those they plan to take. The Psychology department evaluates each checklist to determine whether or not the course plan completes the major requirements and then notifies the student accordingly. If the student's course plan changes, or if it does not satisfy the major requirements, a revised checklist must be submitted. Departmental approval of an accurate and up-to-date checklist will help ensure completion of all major requirements on time for graduation.

### Major in Psychology

Please read Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors (p. ) above.

#### Major Requirements

Students must complete 11 courses in Psychology or an approved cognate discipline. To count toward the major, a course must be taken for 3 or more points. At least 6 of the 11 courses must be in the Columbia Psychology Department.

These 11 courses must include:

1. Introductory Psychology Course
2. One Statistics course
3. One Research Methods course
4. One Group I Course
5. One Group II Course
6. One Group III Course
7. One course meeting the Seminar requirement
8. One course meeting the integrative/applied Special Elective requirement
9. Enough PSYC electives to complete 11 courses

Each course may fulfill only one of these major requirements. See below for details on each of these requirements.

#### The Introductory Psychology Course

- PSYC UN1001 THE SCIENCE OF PSYCHOLOGY

#### A Statistics Course

Select one of the following:

- PSYC UN1610 STATISTICS-BEHAVIORAL SCIENTISTS
- PSYC UN1660 Advanced Statistical Inference
- STAT UN1001 INTRO TO STATISTICAL REASONING
- STAT UN1101 INTRODUCTION TO STATISTICS (formerly STAT W1111)
- STAT UN1201 CALC-BASED INTRO TO STATISTICS (formerly STAT W1211)

#### A Research Methods Course

Select one of the following:

- PSYC UN1420 RESEARCH METHODS - HUMAN BEHAVIOR

- [PSYC UN1450 RESEARCH METHODS - SOCIAL COGNITION # EMOTION](#)
- [PSYC UN1455 RESEARCH METHODS: SOCIAL/ PERSONALITY](#)
- [PSYC UN1490 RESEARCH METHODS - COGNITION/ DECISION MAKING](#)

Majors are strongly advised to complete the statistics and research methods requirements, in that order, by the end of their junior year. Students are advised to verify the specific prerequisites for research methods courses, most of which require prior completion of a statistics course.

#### Distribution Requirement

One course (3 points or more) must be taken from each of the following three groups (in addition to the introductory, statistics, and research methods courses described above):

- Group I—Perception and cognition: courses numbered in the 2200s, 3200s, or 4200s.
- Group II—Psychobiology and neuroscience: courses numbered in the 2400s, 3400s, or 4400s. Also [PSYC UN1010 Mind, Brain and Behavior](#) (no longer offered).
- Group III—Social, personality, and abnormal: courses numbered in the 2600s, 3600s, or 4600s.

Research Methods courses do not fulfill any of the Group distribution requirements.

#### Seminar Requirement

Students must complete one course meeting the Seminar requirement. A seminar course must be taken for 3 or more points.

All courses offered through the Columbia Psychology Department and numbered in the 3200s, 3400s, 3600s, 4200s, 4400s, and 4600s count toward the seminar requirement. Not all Barnard courses taught in a seminar format fulfill this requirement—see Barnard Courses, below, for more information.

Seminars are usually taken in the junior and senior year as a culmination of the major program, but any students who have met the prerequisites and gain the instructor's permission to join the course may enroll. Enrollment in all seminar courses requires the instructor's permission; students are advised to contact instructors at least one month prior to registration to request seminar admission. Note that honors, senior thesis research intensive, and supervised individual research courses ([PSYC UN3910 HONORS SEMINAR](#), [PSYC UN3920 HONORS RESEARCH](#), [PSYC UN3930 Senior Thesis Advanced Research Seminar](#), and [PSYC UN3950 Supervised Individual Research](#)) will not meet the seminar requirement.

For those completing the new major requirements, no course may be counted twice in fulfillment of the above major requirements: separate courses must be taken to fulfill the seminar requirement and each distribution group.

#### Special Elective

The Special Elective encompasses a wide range of courses: those that cut across and connect different sub-disciplines within psychology; those that integrate psychology with other disciplines; those that apply psychology to real-world problems; those that dig deeper into advanced statistics and methods topics; and those that offer hands-on experience with psychology research.

The courses listed [here](#) are pre-approved to count toward the Special Elective requirement. If you would like to count a course that does not appear on the list, please contact your [Program Advisor](#) prior to enrolling.

#### Electives

Additional psychology courses ("electives") must be taken for a total of 11 courses.

Once a student has met the specific requirements of the major, any other psychology or approved cognate courses that they take to complete the 11-course minimum are considered electives.

As described below, these may include a limited number of research courses, transfer courses, and Barnard psychology courses not approved for specific requirements.

No course may be counted twice in fulfillment of the above major requirements.

#### **Old Major Requirements (for students who entered Columbia prior to Fall 2020)**

Students must complete 30 or more points to complete the Psychology Major. Those 30 points must include:

1. Introductory Psychology Course
2. One Statistics course
3. One Research Methods course
4. One Group I Course
5. One Group II Course
6. One Group III Course
7. One course meeting the Seminar requirement
8. Enough PSYC electives to complete 30 points

#### **Major in Neuroscience and Behavior**

Please read [Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors](#) above.

The department cosponsors an interdepartmental major in neuroscience and behavior with the Department of Biological Sciences. For assistance in planning the psychology portion of the neuroscience and behavior major, refer to the [Program Planning Tips website](#) and use the appropriate [major requirement checklist](#).

No course may be counted twice in fulfillment of the biology or psychology requirements described below. Many graduate programs in neuroscience also require one year of calculus, one year of physics, and chemistry through organic.

#### Required Courses

In addition to one year of college general chemistry, eleven courses are required to complete the major—six 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](#).

\*NOTE: For students entering in Fall 2024 or later, two biology elective courses will be required. For students entering prior to Fall 2024, one biology elective course will be required.

#### Required Chemistry Courses

One year of college chemistry is required prior to taking Introductory Biology.

#### Required Biology Courses

1. [BIOL UN2005](#) INTRO BIO I: BIOCHEM, GEN, MOLEC
2. [BIOL UN2006](#) INTRO BIO II: CELL BIO, DEV/PHYS
3. [BIOL UN3004](#) NEUROBIO I: CELLULAR # MOLECULAR
4. [BIOL UN3005](#) NEUROBIO II: DEVPT # SYSTEMS
5. Two additional 3000- or 4000-level biology course from a [list approved by the biology adviser](#) to the program. \*NOTE: For students entering in Fall 2024 or later, two biology elective courses will be required. For students entering prior to Fall 2024, one biology elective course will be required.\*

#### Required Psychology Courses

1. [PSYC UN1001](#) THE SCIENCE OF PSYCHOLOGY
2. [PSYC UN2430](#) COGNITIVE NEUROSCIENCE or [PSYC UN2450](#) BEHAVIORAL NEUROSCIENCE or [PSYC UN2470](#) Fundamentals of Human Neuropsychology
3. One statistics or research methods course from the following:
  - [PSYC UN1420](#) RESEARCH METHODS - HUMAN BEHAVIOR
  - [PSYC UN1450](#) RESEARCH METHODS - SOCIAL COGNITION # EMOTION

#### [PSYC UN1455](#) RESEARCH METHODS: SOCIAL/ PERSONALITY

- [PSYC UN1490](#) RESEARCH METHODS - COGNITION/ DECISION MAKING
- [PSYC UN1610](#) STATISTICS-BEHAVIORAL SCIENTISTS
- [PSYC UN1660](#) Advanced Statistical Inference
- [PSYC UN1920](#) The How-Tos of Research
- [PSYC UN1950](#) Neuroscience Methods: Cells and Circuits
- [STAT UN1101](#) INTRODUCTION TO STATISTICS (formerly STAT W1111)
- [STAT UN1201](#) CALC-BASED INTRO TO STATISTICS (formerly STAT W1211)
- Please note, STAT UN1001 does not count towards the Neuroscience & Behavior major.

4. One additional 2000- or 3000-level psychology lecture course from the approved list [here](#).  
\*Please make careful note of this list, as courses not listed here will not count towards the P4 requirement.

5. One advanced psychology seminar from the approved list [here](#)

Note: Students wishing to use a seminar course not listed above to meet the P5 seminar requirement must contact their psychology adviser before enrolling to request permission for an exception. Generally speaking, permission for such exceptions is only granted when there is a compelling case related to the student's research or area of study. Students requesting permission to use a course not on this list must ensure that their substantive coursework in the seminar (generally their final paper) is on a neuroscience-focused topic.

#### Exceptions to Biology Requirements

Any exceptions must be approved in advance by a biology adviser and students must receive an email notification of that approval. Students may substitute Barnard College courses only with prior permission from a Biology Department adviser.

### A note on double counting and multiple programs

All students attempting to complete double majors, double concentrations, or a combination of a major and a concentration should consult the college rules for double counting of [courses](#). The psychology department does not place additional restrictions on double counting. Students with questions about double counting should consult their academic advisor. Psychology program advisors do not advise about double counting.



Students may not double-major in both Psychology and Neuroscience & Behavior, since both of these programs are housed in the same department.

Because of the overlap between the Cognitive Science major and both Psychology and Neuroscience & Behavior, students should not plan to pursue a double major in those two programs.

## Minor in Psychology

The Psychology Department does not currently offer any minors.

SEAS students pursuing a minor in Psychology should consult with their SEAS advisors; the Columbia Psychology Department does not administer that program.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Psychology

Please read [Guidelines for all Psychology Majors, Concentrators, and Interdepartmental Majors](#) above.

#### Concentration Requirements

Students must complete 7 courses in Psychology or an approved cognate discipline. To count toward the concentration, a course must be taken for 3 or more points. The following requirements must be met:

#### 1. [PSYC UN1001 THE SCIENCE OF PSYCHOLOGY](#)

2. A Statistics or Research Methods course ([PSYC UN1610 STATISTICS-BEHAVIORAL SCIENTISTS](#), [STAT UN1001 INTRO TO STATISTICAL REASONING](#), [STAT UN1101 INTRODUCTION TO STATISTICS](#), [STAT UN1201 CALC-BASED INTRO TO STATISTICS](#), or a Research Methods course in the PSYC 14xx's)

3. Either 3 courses in one group, or 1 course in each of the 3 groups: Group I - Cognition & Perception; Group II - Psychobiology & Neuroscience; Group III - Social, Personality, & Abnormal

4. Additional elective courses in psychology to complete the 7-course requirement

Restrictions on research credits, Barnard credits, non-psychology courses, and transfer credits are modified from those of the psychology major as follows:

- No more than 2 transfer courses from other institutions can be applied toward the concentration.
- No more than 3 total courses from outside Columbia (Barnard and/or transfer) can be applied to the concentration.
- A maximum of 1 non-PSYC course can count toward concentration requirements (e.g., courses taken in the

Statistics Department; cognate courses offered through Philosophy, Business, Law, etc.).

- No more than 1 semester of [PSYC UN3950 SUPERVISED INDIVIDUAL RESEARCH](#) or other supervised research course (taken for 3 or 4 points) can count towards the concentration.

Except as noted above, other regulations outlined in the [Psychology Major section](#) regarding grades, transfer credits, and overlapping courses also apply toward the Psychology Concentration.

Old Concentration Requirements (for students entering Columbia prior to Fall 2020)

A [concentration in psychology](#) requires a minimum of 18 points, including [PSYC UN1001 THE SCIENCE OF PSYCHOLOGY](#) or [PSYC UN1021 Science of Psychology: Explorations and Applications](#) and courses in at least two of the three groups listed under “Distribution Requirement” for the psychology major.

Restrictions on research credits, Barnard credits, and transfer credits are modified from those of the psychology major as follows:

1. Only 4 points total may be applied toward the concentration from research or field-work courses, including: [PSYC UN3950 Supervised Individual Research](#), [PSYC UN3920 HONORS RESEARCH](#), [PSYC BC3466 FIELD WORK # RESEARCH SEMINAR: TODDLER CENTER](#), [PSYC BC3473 CLINICAL FIELD PRACTICUM](#), [PSYC BC3592 Senior Research Seminar](#), and [PSYC BC3599 Individual Projects](#);
2. Only 5 points from Barnard (including [PSYC BC1001 INTRODUCTION TO PSYCHOLOGY](#)) may be applied toward the concentration.
3. Only 5 points total (including any Barnard points) from approved psychology courses taken at other institutions may be applied toward the concentration

Barnard Lab courses do not count towards the Research Methods requirement of the Psychology Major or Concentration.



# PUBLIC HEALTH

## SPECIAL PROGRAM IN PUBLIC HEALTH

**Director of Undergraduate Programs:** Dana March Palmer  
PhD, MPH | 405 Low Memorial Library | 212 854 3835  
| [dm2025@columbia.edu](mailto:dm2025@columbia.edu)

Some of society’s most pressing problems—gun violence, the opioid epidemic, climate change, obesity, mass incarceration, health and healthcare inequalities across the globe—concern public health. These complex problems and the emergence of novel challenges in the future demand a nimble application of public health knowledge and principles, leveraging the foundations of a liberal arts education in order to achieve solutions. Viable solutions will require cross-sector collaborations and systems-level, policy, and environmental action that will affect the social, political, and economic determinants of health. Necessary for leaders to solve these types of societal problems is a broad set of fundamental set of skills. Critical thinking, analytical, problem-solving, and communications skills are necessary to contextualize these problems historically, philosophically, socially, and culturally, and to conceptualize dynamic needs and evidence-based solutions to key parts of these problems.

Public health is integral to a civil society. The many determinants of population health—from the environmental, social, political, and economic factors that shape rates of disease in human populations to the biological factors that ultimately constitute the corporeal mechanisms for disease in individuals—are complex and intertwined. Moreover, how population health is understood, protected, and promoted, is replete with controversies and tensions that are ripe for intellectual interrogation. As such, population health and its connection to civil society is an inherently interdisciplinary area of inquiry. The health and well-being of human populations brings together numerous disciplines, including but not limited to anthropology, architecture, biology, chemistry, demography, ecology, economics, history, international development, mathematics, political science, psychology, sociology, and statistics.

The special program in public health is intended to be a secondary emphasis of study that complements the disciplinary specialization of a major. The goal for the undergraduate special program in public health is to foster critical understanding and analysis of the multiple ways in which population health both shapes and is shaped by civil society, complementing the foundation created by the Core curriculum. At the heart of the special program in public health are historical and contemporary issues in population health in the context of an increasingly connected, global, urban, aging, and inequitable world. The key themes of inequality, globalization, urbanization, development, the environment, and aging serve as the framework for the constituent courses in the special program in public health.

## FACULTY

- [James Colgrove](#)
- [Linda Fried](#)
- [Dana March Palmer](#)
- [Terry McGovern](#)
- [Rachel Moresky](#)
- [Ana Navas-Acien](#)
- [Anne Paxton](#)
- [Marni Sommer](#)

## SPECIAL PROGRAM IN PUBLIC HEALTH

The special program, comprising a **minimum of 25 points** of coursework, consists of **five required courses (16 points)** and **at least three electives (minimum of 9 points)** that provide additional depth and dimension to the underlying themes of the concentration.

### Core Public Health Course Requirements

The required courses create a rich intellectual foundation in public health, providing students with a multifaceted view of the social production of health, as well as an integrated exposure to and understanding of the core disciplines of public health. Together, they serve to illuminate and allow students to analyze critically the social production of health and its connections with and implications for civil society. These courses have no prerequisites, and can be taken individually, as the student’s schedule permits.

### Required Courses for the Special Program in Public Health

PUBH UN3100	FUNDAMENTALS OF GLOBAL HEALTH
PUBH UN3200	INTRODUCTION TO PUBLIC HEALTH
PUBH GU4100	(Y)OUR LONGER LIFE
PUBH GU4200	Environment, Health, and Justice: Concepts and Practice
HSPB UN2950	Social History of U.S. Public Health

### Elective Courses

Elective courses (minimum of 9 points) in the Special Program in Public Health will allow students to draw upon courses offered in a wide range of departments and centers across the University. Proposed electives must be approved by the Director of Undergraduate Studies.

Examples of departments with relevant elective courses include: African American Studies; Comparative Literature and Society;

The Center for Ethnicity and Race; Earth and Environmental Sciences; Economics; Ecology, Evolution, and Environmental Biology; History; Human Rights; History of South East Asia; Political Science; Psychology; Sociology; Statistics; Sustainable Development; Women's Studies; Urban Studies. Elective courses are designed to allow students to add dimension and depth to their interests in public health, along the main themes of the Special Program. Electives may also allow students to amplify the connections to public health in their major area of study. Conversely, students may choose to take electives that allow them to gain more breadth in concepts to which they have been exposed in the set of required public health courses.

## Elective Examples (At least 3)

### Population Health, Inequality, and Society

AFAS GU4035	Criminal Justice and the Carceral State in the 20th Century United States
CPLS GU4320	Marginalization in Medicine: A Practical Understanding of the Social Implications of Race
CPLS GU4220	Narrative, Health, and Social Justice
CSER UN3445	City, Environment, and Vulnerability
CSER UN3905	ASIAN AMERICAN # PSYCH OF RACE
CSER UN3924	Latin American and Latina/o Social Movements
CSER UN3942	RACE AND RACISMS
CSER GU4340	Visionary Medicine: Racial Justice, Health and Speculative Fiction
CSER GU4482	INDIGENOUS PEOPLES:MOVEMNT/RTS
CSER GU4483	SUBCITIZENSHIP
ECON GU4438	ECONOMICS OF RACE IN THE U.S.
EEEB GU4321	HUM NATURE:DNA,RACE # IDENTITY
HIST UN2523	HEALTH INEQUALITY: MODERN US
HIST UN3437	CORP BEHAVIOR # PUBLIC HEALTH
HIST UN3911	Medicine and Western Civilization
HIST W4985	Citizenship, Race, Gender and the Politics of Exclusion
HIST GU4584	Drug Policy and Race
HIST GU4588	RACE, DRUGS, AND INEQUALITY
HRTS BC3850	HUMAN RIGHTS # PUBLIC HEALTH
HRTS GU4215	NGOs # THE HUMAN RIGHTS MOVEMENT
HRTS GU4230	REFUGEES, FORCED MIGR # DISPLACEMENT
HRTS GU4500	SOCIO-ECONOMIC RIGHTS

HRTS GU4700	Ethical Dilemmas in Healthcare: A Human Rights Approach
HRTS GU4880	HUMAN RIGHTS IN THE UNITED STATES
POLS UN3220	LOGIC OF COLLECTIVE CHOICE
POLS UN3245	RACIAL AND ETHNIC POLITICS
POLS UN3595	Social Protection Around the World
SOCI V2230	Food and the Social Order
SOCI W2420	Race and Place in Urban America
SOCI UN3010	METHODS FOR SOCIAL RESEARCH
SOCI UN3213	Sociology of African American Life
SOCI W3214	Immigration and the Transformation of American Society
SOCI UN3261	Sexuality and Society
SOCI UN3265	SOCIOLOGY OF WORK # GENDER
SOCI UN3323	RACE, GNDR, SXLTY# PNSHMNT
SOCI W3643	Stratification and Inequality
SOCI W3913	Race and Ethnicity in a Global World
SOCI UN3914	INEQUALITY, POVERTY # MOBILITY
WMST GU4506	Gender Justice
SOCI UN3915	Stigma and Discrimination
SOCI UN3920	SOCIAL NETWORKS
SOCI UN3931	Sociology of the Body
SOCI W3923	Adolescent Society
SOCI UN3960	SEMINAR - PROBLEMS OF LAW # SOCIETY

### Globalization, Urbanization, Development, and the Environment

EEEB GU4127	DISEASE ECOLOGY
EEEB GU4111	Ecosystem Ecology and Global Change
EEEB GU4260	FOOD, ECOLOGY # GLOBALIZATION
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT
EESC W4403	Managing and adapting to climate change
EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
FSPH UN1100	FOOD, PUBLIC HEALTH # PUBLIC POLICY

HIST GU4811	Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond
HRTS GU4915	HUMAN RIGHTS # URBAN PUB SPACE
HSEA GU4844	GLOBAL HONG KONG
SDEV UN2300	CHALLENGES OF SUSTAINABLE DEV
SDEV UN3330	Ecological and Social Systems for Sustainable Development
SDEV UN3350	(Environmental Policy and Governance for Sustainability)
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3360	DISASTERS AND DEVELOPMENT
SDEV UN3400	HUMAN POPULATIONS # SDEV
SDEV UN3410	Cities # Sustainability
SDEV GU4050	US WATER # ENERGY POLICY
SOCI UN3324	Global Urbanism
URBS UN3450	NEIGHBORHOOD # COMMUNITY DVLP
URBS UN3993	URBAN STUDIES SENIOR SEMINAR
URBS UN3565	Cities in Developing Countries: Problems and Prospects
URBS UN3315	METROPOLITICS OF RACE # PLACE
URBS UN3550	Community Building and Economic Development
URBS UN3565	Cities in Developing Countries: Problems and Prospects

### Individuals, Bodies, and Population Health

FSEB UN1020	Food and the Body
PSYC UN2460	DRUGS AND BEHAVIOR
PSYC UN2480	The Developing Brain (The Developing Brain)
PSYC UN2650	INTRO TO CULTURAL PSYCHOLOGY

### Quantitative Foundations

STAT UN1001	INTRO TO STATISTICAL REASONING
STAT UN1101	INTRODUCTION TO STATISTICS

# REGIONAL STUDIES

## EAST CENTRAL EUROPEAN CENTER

<http://ece.columbia.edu/>

**Director:** Prof. Jessica Merrill, [jem2159@columbia.edu](mailto:jem2159@columbia.edu)

**Related Departments:** Anthropology, Economics, History, Political Science, Slavic Languages and Literatures, and Sociology.

**Language Requirement:** Two years or demonstrated reading knowledge of one of the following languages: Czech, Hungarian, Polish, Romanian, Russian, Bosnian/Croatian/Serbian, or Ukrainian.

The regional studies major is designed to give undergraduates the general mastery of a discipline and at the same time permit them to do specialized work in the history and cultures of a particular geographic area through the associated institutes of the Faculty of Arts and Sciences. It is an interdisciplinary major in which students divide their work between the associated institute and an appropriate academic department. Students plan their programs with the consultant of the associated institute they have selected.

## MAJOR IN REGIONAL STUDIES

The major in regional studies requires a minimum of 36 points, of which 18 must be credited by the associated institute, i.e. East Central European Center, and an additional 18 must be in one of the College departments designated as relevant by the institute. Six points of seminar work approved by the institute are required of all majors and are included in the total of 36 points.

### Language Study

Courses taken to satisfy the institute's language requirement are not counted toward the 18 institute points.

# RELIGION

## THE RELIGION DEPARTMENT:

Department website: <https://religion.columbia.edu/>

Office location: 80 Claremont, Suite 103

Office contact: 212-854-4122

Director of Undergraduate Studies: Professor Yannik Thiem, 80 Claremont; 212-851-4128; [yannik.thiem@columbia.edu](mailto:yannik.thiem@columbia.edu)

Undergraduate Administrator: NA

## THE STUDY OF RELIGION

The Religion Department's curriculum is designed to engage students in critical, comparative, and interdisciplinary exploration of religious worlds and phenomena in a variety of contexts and at the intersection with various dimensions of culture (such as race, gender, sexuality, class, disability, politics, ethics, popular culture, museums, media, technology). The curriculum aims to prepare students to contribute actively to timely discussions about religion, religious difference, and its roles in a globally connected world.

Apart from preparing for graduate education in religion and adjacent fields, majors, concentrators, and minors also find the Study of Religion to provide them with relevant background and skills for careers in a variety of fields: Education, media, computer science, law, business, medicine, and social work. Religion course offerings are designed to meet the varying needs and interests of students, from those wishing to explore a few topics to complement their other studies or to fulfill global core requirements, to those interested in pursuing a minor or major in Religion.

## STUDENT ADVISING

### Consulting Advisers

Professor Yannik Thiem, 80 Claremont; 212-851-4128; [yannik.thiem@columbia.edu](mailto:yannik.thiem@columbia.edu)

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

All majors are encouraged to pursue both depth and breadth by constructing a program of study in consultation with the Director of Undergraduate Studies and with a member of the faculty in an area in which they have particular interest. The program should include courses in a variety of religious traditions.

## Senior Thesis Coursework and Requirements

Students who write a senior thesis may include a term of individually supervised research as one of the courses for their major.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

Students who write a senior thesis and maintain a GPA of 3.66 or above in the major may be considered for departmental honors. Writing a senior thesis qualifies a student for consideration for departmental honors but does not assure it. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

### Academic Prizes

The Peter Awn Undergraduate Prize is awarded annually to the most outstanding paper or substantial project submitted by an undergraduate in any course or seminar in Religion in the prior year.

## PROFESSORS

Gil Anidjar  
Courtney Bender  
Beth Berkowitz (Barnard)  
Elizabeth Castelli (Barnard)  
Matthew Engelke (Chair)  
Najam Haider (Barnard)  
John Hawley (Barnard)  
Rachel McDermott (Barnard)  
David (Max) Moerman (Barnard)  
Josef Sorett

### Associate Professors

Clémence Boulouque  
Michael Como  
Gale Kenny (Barnard)  
Dominique Townsend  
Yannik Thiem (DUS)

## ASSISTANT PROFESSORS

Tiffany Hale (Barnard)  
Aziza Shanazaraova  
Timothy Vasko (Barnard)  
Zhaohua Yang

## ADJUNCT FACULTY

Justine Esta Ellis (IRCPL)  
Obery Hendricks  
David Kittay



Ebad Rahman  
Thomas Yarnall

## POSTDOCTORAL FELLOWS

Raffaella Taylor-Seymour (IRCPL)  
Andrew Jungclaus

## PROFESSORS EMERITI

Bernard Faure  
Katherine Pratt Ewing  
Wayne Proudfoot  
George Rupp  
Robert Somerville  
Mark Taylor  
Robert Thurman  
Chun-fang Yu

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Course Numbering Structure

The numbering structure indicates primarily different orientations of the courses. Students pursuing a degree in Religion are not expected to take courses sequentially moving from lower number courses to higher number courses. Generally, only 4000-level-advanced seminar courses expect students to have completed some prior coursework in Religion or adjacent relevant fields.

Courses are numbered by level and type:

1000-level: Gateway lecture course on "How to think about and with 'religion' as a category of inquiry"

2000-level: Courses surveying strands of studying religious practice specified by

- Geography (e.g. China)
- Historical period (e.g. Colonial North America)
- Communities (e.g. Judaism)
- Thematics (e.g. magic, gender, capitalism)

3000-level: Intermediate courses focusing on a particular topic in a specific context

4000-level: Advanced seminar focusing on a particular topic, involving student research. (Typically students complete at least one other course in Religion and parts of the Core before taking a seminar. But if there is a seminar that is of special interest to you, contact the DUS and/or instructor and ask. You might be a good fit.)

### Guidance for First-Year Students

There will be an orientation meeting for prospective and new minors in the fall and spring and fall. At these meetings peers and faculty will be available for consultations. As the faculty member who is currently advising and certifying majors and concentrators, the DUS will also take on the ongoing advising

and the certification for graduation of the students minoring in Religion.

The Columbia Minor in Religion follows a nodal curriculum, which makes it possible for students to enter the program at any point.

## Guidance for Transfer Students

Students may apply to count up to two courses of transfer credit toward fulfilling the Department of Religion requirements. Requests are reviewed and granted by the DUS.

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

- 1 gateway course (1000 level)

### Major in Religion

All majors are encouraged to pursue both depth and breadth by constructing a program of study in consultation with the Director of Undergraduate Studies. The program should include courses in a variety of religious traditions. Students who write a senior thesis may include a term of individually supervised research as one of the courses for their major.

#### Courses

For the major the following 9 courses are required:

- 1 gateway course (1000 level)
- 2 introductory courses (2000 level)
- 2 intermediate courses (3000 level)
- 2 seminars (4000 level)
- 1 additional course at any level
- RELI UN3199 Theory (Columbia students should to take Theory through the Columbia Religion Department offered every Fall Semester)

Students majoring in Religion at Columbia are expected to take their RELI UN3199 Theory requirement at Columbia (offered every fall). For the remaining eight courses, any course listed as RELI offered at Columbia or Barnard may be counted toward the Major in Religion. There is no limitation on how many courses taken at Barnard can be counted toward the Minor in Religion at Columbia.

Requests for counting courses taken outside of Religion to be counted toward fulfilling the Department of Religion requirements are reviewed and granted by the DUS on a case-by-case basis.

## Minor in Religion

All Minors in Religion are encouraged to pursue their interests in the Study of Religion as it best complements their other studies at Columbia by constructing a program of study in consultation with the Director of Undergraduate Studies.

### Courses

The Minor in Religion consists of five (5) courses (min. 16 points) in Religion:

- One (1) course at the 1000-level (alternatively RELI UN3199 Theory can count toward this requirement)
- Four (4) courses of any level, it is strongly recommended that students include one seminar among these electives.

Any course listed as RELI offered at Columbia or Barnard may be counted toward the Minor in Religion. There is no limitation on how many courses may be taken at Barnard can be counted toward the Minor in Religion at Columbia.

### Transfer Credits

Students may apply to count up to one course of transfer credit toward fulfilling the Department of Religion requirements. Requests are reviewed and granted by the DUS.

Students may apply to count up to two courses taken outside of Religion toward fulfilling the Department of Religion requirements. Requests are reviewed and granted by the DUS on a case-by-case basis.

### Transfer Credits

Students may apply to count up to one course of transfer credit toward fulfilling the Department of Religion requirements. Requests are reviewed and granted by the DUS.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

## Concentration in Religion

To be planned in consultation with the Director of Undergraduate Studies and with a member of the faculty in an area in which the student has a particular interest. The program should include some study in a Variety of topics and traditions in the study of religion.

### Courses

For the concentration the following 7 courses are required:

- 1 Gateway Course at the 1000-level
- 2 Courses at the 2000-level
- 2 Courses at the 3000 level
- 1 Seminar at the 4000-level
- RELI UN3199 Theory

Students pursuing a Concentration in Religion at Columbia are expected to take their RELI UN3199 Theory requirement at Columbia (offered every fall). For the remaining six courses, any course listed as RELI offered at Columbia or Barnard may be counted toward the Concentration in Religion. There is no limitation on how many courses taken at Barnard can be counted toward the Concentration in Religion at Columbia.

# SLAVIC LANGUAGES

## THE DEPARTMENT OF SLAVIC LANGUAGES

Department website: <http://www.columbia.edu/cu/slavic/>

Office location: 708 Hamilton Hall

Office contact: 212-854-3941

**Director of Undergraduate Studies:** Prof. Adam Leeds, 715 Hamilton Hall; [al3604@columbia.edu](mailto:al3604@columbia.edu)

### Language Program Directors:

**Bosnian, Serbian, and Croatian:** Aleksandar Boskovic; [ab3865@columbia.edu](mailto:ab3865@columbia.edu)

**Czech:** Christopher W. Harwood; [cwh4@columbia.edu](mailto:cwh4@columbia.edu)

**Polish:** Christopher J. Caes; [cc4038@columbia.edu](mailto:cc4038@columbia.edu)

**Russian:** Marina N. Tsylyna; [mt3750@columbia.edu](mailto:mt3750@columbia.edu)

**Ukrainian:** Yuri I. Shevchuk; [sy2165@columbia.edu](mailto:sy2165@columbia.edu)

## THE STUDY OF SLAVIC AND EASTERN EUROPEAN LANGUAGES AND CULTURES

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.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Senior Thesis Coursework and Requirements

A senior thesis is not required for any Slavic major. Students who wish to undertake a thesis project should confer with the director of undergraduate studies during the registration period in April of their junior year and register to take RUSS UN3595 SENIOR SEMINAR in the fall term of their senior year. Students can opt to expand the thesis into a two-semester project register for RUSS UN3998 SUPERVISED INDIVIDUAL RESEARCH, with their thesis adviser, in the spring term of their senior year. Senior Seminar may satisfy one elective requirement; the optional second semester of thesis work adds one course to the 15 required for the major.

### Undergraduate Research Outside of Courses

The Harriman Institute provides financial support towards research projects and travel for undergraduate students from Barnard College, Columbia College, and the School of General Studies through a variety of grants and fellowship awards. Please consult the Harriman website for more information.

## DEPARTMENT HONORS AND PRIZES

### Department Honors

Students who have a grade point average of at least 3.6 in courses taken for the major and who have submitted a senior thesis of outstanding quality will be considered for departmental honors. Normally no more than 10 percent of the graduating majors may be awarded departmental honors in any given year. For more information, consult the Director of Undergraduate Studies no later than the change-of-program period in the fall term of your senior year.

### Academic Prizes

**Robert A. Maguire Prize in Slavic Studies**

A cash prize awarded annually to an undergraduate of high academic distinction and promise in an area of study concerned with Russian or another Slavic culture, including literature, music, art, religion, or cultural history. Established in honor of Professor Robert A. Maguire.

The award is meant to perpetuate Professor Maguire's legacy and to ensure that his name remains a prominent feature in the landscape of Slavic Studies at Columbia.

That Robert Maguire's legacy should be associated with excellence seems more than appropriate. Robert Maguire's standards were the highest, and he held himself to them above all. Extraordinary language proficiency, scrupulous analysis of both the words on the page and the culture behind each word, inspired interpretation, and luminous writing were the hallmarks of his work. The Maguire Prize identifies these qualities with Robert Maguire and honors the remarkable students who attain them not only with a tangible award but by linking their names with his. Robert Maguire made the Columbia department one of the top Slavic departments in the country. By awarding a prize bearing his name to the top student in that department, we recognize both the student's achievements and Robert Maguire's.

Importantly, the Robert A. Maguire Prize will be available to students not only in Russian literature and not only in Slavic literatures more broadly, but also in the other disciplines that address those cultures. Robert Maguire himself was as accomplished in Polish as he was in Russian, and his commitment to music was as profound as his love of language and literature. Even beyond his own breadth, though, lies Robert Maguire's conviction that no single aspect of a culture exists in isolation; he team-taught courses with historians, he educated himself in Slavic religious culture, and he worked for years on the relationship between word and visual image. It is reasonable to assume that he would want a prize bearing his name to include rather than exclude the fields adjacent to his own.

### **Pushkin Poetry Prize**

The Pushkin Poetry Prize, which is funded by a 1958 bequest of Dr. John Paul Mihaly, is awarded for the best translation of a Russian poem into English. Both graduate and undergraduate students are eligible. You may submit one or two short poems or one extended poem. (Collaborative translations are allowed if both translators are Columbia students.)

The amount of the award is \$250. A panel of two judges will review the translations, and the winner will be announced at the end of the academic year.

### **Dobro Slovo**

Dobro Slovo was established at UC Berkeley on October 29, 1926, to recognize academic achievements of Slavic students. In 1963 the National Slavic Honor Society – Dobro Slovo – was founded with the help and encouragement of the American Association of Teachers of Slavic and East European Languages (AATSEEL). The present-day Society recognizes the academic

excellence of students studying Slavic languages and literatures and helps to foster scholarly interest in Slavic life and culture.

There are now over 130 local chapters with a total membership of 6,200. Dobro Slovo serves as a means for the recognition of academic excellence in the study of Slavic languages, literature, history, and culture. The Society serves as an incentive for scholarly interest in Slavic life and culture. The National Slavic Honor Society has been patterned after other existing honorary organizations. The Key of the Society is as representative of academic excellence in Slavic studies as the Phi Beta Kappa is for academic studies as a whole.

Qualifications for student membership are:

1. The student must have completed two years (or equivalent) of study of Slavic languages, literature, culture, or related subjects with a minimum average grade of 85% (B) or its letter or point equivalent.
2. The minimum overall academic average should be 80% (B) or its letter or point equivalent
3. The student must indicate an active and continuing interest in Slavic languages, literature, culture or related fields of Slavic studies.

The Chapter Faculty Advisor is responsible for determining the eligibility of all candidates.

Members receive:

National recognition for academic excellence  
Personalized Membership Card  
8 ½ x 11 Membership Certificate (suitable for framing)  
A Society Pin

## **OTHER IMPORTANT INFORMATION**

### **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 Slavic Department strongly encourages all students to spend a semester, summer, or year abroad if at all possible. A summer or a semester studying in an academic institution in your target country can be extraordinarily rewarding, not only for your language proficiency but for learning firsthand about the country's culture and intellectual life. If Russian is your focus, you can now choose from a vast array of programs



in cities ranging from the highly Westernized Moscow and St. Petersburg to more "off the beaten track" locations such as Vladimir or Irkutsk. If you are interested in another Slavic language, opportunities abound for studying in Eastern and Central European countries such as the Czech Republic, Poland, Hungary, or the Baltics.

Various possibilities for study abroad exist, and any of our faculty are happy to provide you with information about these programs and to advise you about which one best fits your academic interests. If you think that you might wish to study abroad, you should plan your academic program carefully to make sure that you will be able to fit in all your major requirements. To talk over your plans, and to determine which courses in the study abroad program may be approved for major credit on your Columbia College transcript, you should meet with the Director of Undergraduate Studies (Columbia students) or your academic adviser (Barnard students).

## PROFESSORS

Valentina Izmirlieva  
Liza Knapp  
Mark Lipovetsky (Leiderman) (Chair)  
Irina Reyfman

## ASSOCIATE PROFESSORS

Jessica Merrill

## ASSISTANT PROFESSORS

Ofer Dynes  
Adam Leeds

## TERM ASSISTANT PROFESSORS

John Wright (Barnard)

## SENIOR LECTURERS

Aleksandar Boskovic  
Christopher Caes  
Christopher Harwood  
Yuri Shevchuk  
Alla Smyslova

## LECTURERS

Marina Grineva  
Tatiana Mikhailova  
Marina Tsylyna

## ON LEAVE

Liza Knapp (Fall 2024)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Consulting Advisors

For questions regarding the major and the minors, students should contact the Director of Undergraduate Studies: Adam E. Leeds, [al3604@columbia.edu](mailto:al3604@columbia.edu)

For questions regarding language courses, students should contact:

Bosnian, Serbian, and Croatian: Aleksandar Boskovic, [ab3865@columbia.edu](mailto:ab3865@columbia.edu)

Czech: Christopher W. Harwood, [cwh4@columbia.edu](mailto:cwh4@columbia.edu)

Polish: Christopher J. Caes, [cc4038@columbia.edu](mailto:cc4038@columbia.edu)

Russian: Marina N. Tsylyna, [mt3750@columbia.edu](mailto:mt3750@columbia.edu)

Ukrainian: Yuri I. Shevchuk, [sy2165@columbia.edu](mailto:sy2165@columbia.edu)

### Guidance for First-Year Students

The Department offers the Russian placement test twice a year: in August and early December. The Placement test consists of two parts – written (grammar and essay—about two hours) and oral (a 20-minute individual interview). Students who need a reading proficiency exam, or who have particular questions about placing into/out of Russian language courses including heritage courses, should contact the Director of the Russian Language Program Subject with the subject line: "Placement Test".

The written part of the Russian Placement Test must be completed between the second and first week before classes begin. The test will be administered online and will be accessible starting from two weeks before class begin. See the department website for exact dates.

To take the test, you must be added to the Canvas course and access the course page using CU UNI. Please, contact the Director of the Russian Language Program in advance to be added to the course.

The oral part will be held in person the week before class. The interviews will be conducted remotely via Zoom and in-person at Hamilton Hall, room 709.

For placement in other languages, please contact the appropriate language instructor.

For AP credit policy, see below.

### Coursework Taken Outside of Columbia

Barnard students should consult the Barnard Bulletin, and the Barnard Director of Undergraduate Studies, as requirements differ between Barnard and Columbia departments.



Transfer students or students with prior study of a language taught by the department should take the language placement exam and/or consult with the appropriate language instructor, as detailed above.

For other questions regarding credits for transferring students, for coursework performed while studying abroad, or summer courses, please contact the Director of Undergraduate Studies.

A score of 5 on the AP/NEWL Russian exam satisfies the foreign language requirement. Upon successful completion of a 3-point 3000 level (or higher) course at Columbia, the Department of Slavic Languages will award 3 points of AP credit, provided the grade in the course is a B or better. Courses taught in English may not be used to earn AP credit. No credit or placement is given for the SAT II Subject test. If you wish to continue with Russian at Columbia, you should take the departmental placement test and speak with the Russian program director prior to registration to ensure proper placement.

## Preparing for Graduate Study

Students who intend to pursue graduate study in Slavic and Eastern European languages and/or literatures should consult with the Director of Graduate Studies. They are strongly encouraged to take four years of language study, and avail themselves of any other opportunities for advanced language study, including study abroad and summer courses, as well as to consider writing a senior thesis.

## UNDERGRADUATE PROGRAMS OF STUDY

### Survey Courses for All Programs

The Department requires students to take one or more survey courses for most of its programs of study (i.e., majors, minors, and formerly concentrations), as detailed below. The following list are courses that are recognized as surveys.

**RUSS UN3220** Literature and Empire (19<sup>th</sup>-century literature)

**RUSS UN3221** Literature and Revolution (20<sup>th</sup>-century literature)

**RUSS UN3223** Magical Mystery Tour: The Legacy of Old Rus'

**SLCL UN3001** Slavic Cultures

**RUSS GU4006** Russian Religious Thought, Praxis, and Literature

**CLSL GU4011** Experimental Cultures

**CLRS GU4022** Russia and Asia: Orientalism, Eurasianism, Internationalism

**CLSL GU4075** Soviet and Post-Soviet, Colonial Post-Colonial Film

**RUSS GU4107** Russian Literature and Culture in the New Millennium

**HSSL GU4280** Religion in Russia: Culture, History and Institution.

This list is subject to change. Students may petition the DUS to have some other appropriate course counted as a "survey" in special circumstances.

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## MAJOR IN RUSSIAN LANGUAGE AND CULTURE

The program consists of 15 courses, 8 of which meet language requirements. Of the remaining 7 courses, 2 are introductory surveys, and the other 5 are electives, chosen in consultation with the director of undergraduate studies. The course requirements are distributed as follows:

### Course List

- Eight semesters of coursework in Russian language (from First- through Fourth-year Russian) or the equivalent
- Two survey courses, one of which two of which must be in Russian literature (RUSS UN3220 and RUSS UN3221)
- Five additional courses in Russian culture, history, literature, art, film, music, or in linguistics. At least one of the selected courses should be taught in Russian.

*To complement these courses, students are urged to spend a semester, year, or summer, studying abroad. The Russian Language Coordinator is available to help you choose a suitable program.*

## 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:

### Course List

- Six semesters of coursework in Russian language (from first- through third-year Russian) or the equivalent.
- Three surveys, two of which must be in Russian literature (RUSS UN3220 and RUSS UN3221). (See list above.)
- 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.

## MINOR IN SLAVIC AND EASTERN EUROPEAN LANGUAGE AND CULTURE

The minor in Slavic and Eastern European Language and Culture provides a foundation for future engagement with the languages, literatures, and cultures of Eastern Europe.

The minor requires a total of **seven** courses, including two as prerequisites, or between twenty-one and twenty-four points.

- The minor requires **as a prerequisite** two semesters of language at the introductory level (or demonstration

of equivalent proficiency via departmental placement examination or prior coursework), either

RUSS UN1101x – UN1102y, First Year Russian I and II, or

RUSS UN3430x-UN3431y: Russian for Heritage Speakers I and II, or

BCRS UN1101x-UN1102y: Elementary Bosnian/Croatian/Serbian, I and II, or

CZCH UN1101x-UN1102y: Elementary Czech, I and II, or

POLI UN1101x-UN1102y: Elementary Polish, I and II, or

UKRN UN1101x-UN1102y: Elementary Ukrainian, I and II.

- Two further semesters of language, either

RUSS UN2101x-UN2102y: Second-year Russian, I and II, or

BCRS UN2101x-UN2102y: Intermediate Bosnian/Croatian/Serbian, I and II, or

CZCH UN2101x-UN2102y: Intermediate Czech, I and II, or

POLI UN2101x-UN2102y: Intermediate Polish, I and II, or

UKRN UN2101x-UN2102y: Intermediate Ukrainian, I and II

*If a student places out of the intermediate level of the language, they are expected to take either two further courses in the language or two further electives of their choice.*

Students must take one course that the department considers a “survey.” (See list above.)

Finally, students must take two other elective courses from our department, which may be language courses. (Extra-departmental courses are discouraged and subject to approval by the DUS).

## MINOR IN SLAVIC AND EASTERN EUROPEAN CULTURE

The minor in Slavic and Eastern European Culture provides a foundation for future engagement with the literatures and cultures of Eastern Europe.

The minor requires a total of five courses, with no prerequisites, or between fifteen and twenty points.

Students must take two courses that the department considers a “survey.” (See list above.)

Students must take three other elective courses from our department. (Extra-departmental courses are discouraged and subject to approval by the DUS).

## CONCENTRATIONS FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### 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 surveys. (See list above.)

### 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 surveys; one of which must be a literature survey (RUSS UN3220 or RUSS UN3221). (See list above.)

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 course in Russian, East/Central European or Eurasian history.

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:

The two literature surveys RUSS UN3220 and RUSS UN3221. (See list above.)

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.

## SENIOR THESIS COURSEWORK AND REQUIREMENTS

A senior thesis is not required for any Slavic major. Students who wish to undertake a thesis project should confer with the director of undergraduate studies during the registration period in April of their junior year and register to take *RUSS UN3595 SENIOR SEMINAR* in the fall term of their senior year. Students can opt to expand the thesis into a two-semester project register for *RUSS UN3998 SUPERVISED INDIVIDUAL RESEARCH*, with their thesis adviser, in the spring term of their senior year. *Senior Seminar* may satisfy one elective requirement; the optional second semester of thesis work adds one course to the 15 required for the major.

# SOCIOLOGY

## THE SOCIOLOGY DEPARTMENT:

Department website: <https://sociology.columbia.edu/>

Office location: 501 Knox Hall

Office contact: 501 Knox Hall; 212-853-1909

<http://www.sociology.columbia.edu>

Director of Undergraduate Studies: Teresa Sharpe, 501 Knox;  
[ts2785@columbia.edu](mailto:ts2785@columbia.edu)

Undergraduate Administrator: Winston Gordon, 501 Knox;  
[wg2339@columbia.edu](mailto:wg2339@columbia.edu)

## THE DEPARTMENT OF SOCIOLOGY

Sociology is the study of society. In examining patterns of association, sociologists explore the interactions of people, communities, and organizations. In this sense, sociology is not the study of people; it is the study of the relationships among people. This study includes the associations between people and the products of human interaction, such as organizations, technologies, economies, cities, culture, media, and religion. In the kinds of questions it asks, sociology is a deeply humanist discipline and sociologists demand the analytic rigor of scientific investigation.

In training students in our department, we encourage them to ask big questions and we work to give them the tools to provide answers. These tools might mean ethnographic observation, pouring through historical archives, looking at census data, analyzing social networks, or interviewing people from various walks of life.

As a bridging discipline that seeks the scientific exploration of questions that matter to human communities, such as inequality and social injustice, sociology addresses many of the same areas of life as our neighboring social science disciplines. Yet we often approach these areas quite differently. For example, problems of economic and political life are a central concern to sociologists. Rather than explore these as independent or particular features of society, we seek to embed them within the complex whole of the social world. Students will find the Department of Sociology to be a broad, demanding department that provides its students with the conceptual and methodological tools to make sense of the opportunities and social problems of the global communities in which we live.

## DEPARTMENT HONORS AND PRIZES

In order to be considered for departmental honors, majors must have a minimum GPA of 3.6 overall and 3.8 in courses in the Department of Sociology. In addition, students must produce an

exceptional honors thesis in the two-semester Senior Seminar ([SOCI UN3995](#)-[SOCI UN3996](#) SENIOR SEMINAR).

In order to register for the Senior Seminar, students must have completed [SOCI UN3010](#) METHODS FOR SOCIAL RESEARCH and have had their research project accepted by the faculty member teaching the Senior Seminar. Submissions of research projects are due by May 1 preceding the seminar. Normally no more than 10% of graduating majors receive departmental honors in a given academic year.

## PROFESSORS

Peter Bearman  
Courtney Bender (Religion)  
Elizabeth Bernstein (Barnard)  
Yinon Cohen  
Jonathan R. Cole  
Thomas A. DiPrete  
Gil Eyal  
Todd Gitlin (Journalism)  
Jennifer Hirsch (Sociomedical Sciences)  
Bruce Kogut (Business)  
Jennifer Lee  
Yao Lu  
Bruce Link (School of Public Health)  
Debra C. Minkoff (Barnard, Chair)  
Mignon Moore (Barnard)  
Aaron Pallas (Teachers College)  
Adam Reich  
Jonathan Rieder (Barnard)  
Saskia Sassen  
Mario Small (Chair)  
Seymour Spilerman  
David Stark (also School of International and Public Affairs)  
Julien Teitler (Social Work)  
Diane Vaughan  
Sudhir Alladi Venkatesh  
Amy Stuart Wells (Teachers College)  
Bruce Western  
Andreas Wimmer

## ASSOCIATE PROFESSORS

Mark Hatzenbuehler (Sociomedical)  
Jennifer Lena (Teachers College)  
Tey Meadow  
Emmanuelle Saada (French and Romance Philology)  
Marissa Thompson  
Josh Whitford

## ASSISTANT PROFESSORS

Maria Abascal  
Debbie Becher (Barnard)  
Maricarmen Hernandez (Barnard)  
Christel Kesler (Barnard)  
Angela M. Simms (Barnard)  
Gerard Torrats-Espinosa



Dan Wang (Business School)

Amy Yuan Zhou (Barnard)

## LECTURERS

Denise Milstein

Teresa Sharpe

Kristin Murphy

## MAJOR IN SOCIOLOGY

The major in sociology requires a minimum of 30-31 points as follows:

### Core Courses

The following three courses are required (10 points):

SOCI UN1000	THE SOCIAL WORLD
SOCI UN3000	SOCIAL THEORY
SOCI UN3010	METHODS FOR SOCIAL RESEARCH

### Elective Courses

Select six courses (20-21 points) in the Department of Sociology, to include at least three lecture courses (2000- or 3000-level, 3 points each) and at least two seminars (4 points each). The sixth course could be either a lecture course (to a total of 30 points) or a seminar (to a total of 31 points).

For students taking the two-semester Senior Seminar, the sixth course must be a seminar. Some examples of electives include: \*

SOCI UN3020	Social Statistics
SOCI UN3213	Sociology of African American Life
SOCI UN3235	SOCIAL MOVEMENTS
SOCI UN3490	MISTAKE, MISCONDUCT, DISASTER
SOCI UN3285	ISRAELI SOC # ISR-PLS CONFLICT
SOCI UN3264	The Changing American Family
SOCI UN3900	Societal Adaptations to Terrorism
SOCI UN3914	INEQUALITY, POVERTY # MOBILITY
SOCI UN3931	Sociology of the Body
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING
SOCI UN3995	Senior Seminar
SOCI UN3996	SENIOR SEMINAR

\* These may include the two-semester *Senior Seminar* (SOCI UN3995-SOCI UN3996).

## MINOR IN SOCIOLOGY

The minor in sociology requires the Social World, Social Theory, and 3 elective courses (the elective courses must be 3 or 4 units):

### Core Courses

The following courses are required for the minor in Sociology

SOCI UN1000	THE SOCIAL WORLD
SOCI UN3000	SOCIAL THEORY

### Electives

Select three courses (10 points) in the Department of Sociology. Some examples of electives include:

SOCI UN3020	Social Statistics
SOCI UN3212	Methods of Social Research
SOCI UN3235	SOCIAL MOVEMENTS
SOCI UN1203	The Social Animal in the Digital Age
SOCI UN3285	ISRAELI SOC # ISR-PLS CONFLICT
SOCI UN3675	ORGANIZING INNOVATION
SOCI UN3914	INEQUALITY, POVERTY # MOBILITY

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

### Concentration in Sociology

The concentration in sociology requires a minimum of 20 points as follows:

### Core Courses

The following three courses are required (10 points):

SOCI UN1000	THE SOCIAL WORLD
SOCI UN3000	SOCIAL THEORY
SOCI UN3010	METHODS FOR SOCIAL RESEARCH

### Elective Courses

Select three courses (10 points) in the Department of Sociology, one of which must be a seminar. Some examples of electives include:

SOCI UN3900	Societal Adaptations to Terrorism
SOCI UN3914	INEQUALITY, POVERTY # MOBILITY
SOCI UN3915	Stigma and Discrimination
SOCI UN3931	Sociology of the Body
SOCI UN3974	SOCI OF SCHOOLS,TEACH,LEARNING
SOCI UN3985	Queer Practice
SOCI UN3995	Senior Seminar
SOCI UN3996	SENIOR SEMINAR

# STATISTICS

## DEPARTMENT OF STATISTICS:

Department website: <https://stat.columbia.edu/>

Office location: 1005 SSW (1255 Amsterdam Avenue);

Office contact: 212-851-2132

Director of Undergraduate Studies:

Ronald Neath, 615 Watson (612 West 115th Street),  
212-853-1398;

[rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

Director of Academic Administration:

Dood Kalicharan, 1003 SSW (1255 Amsterdam), 212-853-1398;  
[dk@stat.columbia.edu](mailto:dk@stat.columbia.edu)

## THE STUDY OF STATISTICS

Statistics is the art and science of study design and data analysis.

Probability theory is the mathematical foundation for the study of statistical methods and for the modeling of random phenomena. The Statistics major builds on a foundation in probability and statistical theory to provide practical training in statistical methods, study design, and data analysis. The Statistics major is an appropriate background for graduate study in statistics, social science, epidemiology and public health, genetics, and economics; or for professional work in such areas as drug development, health policy, marketing, opinion polling, insurance, banking and finance, and government.

The Department offers several introductory courses.

- Students interested in learning statistical concepts, with a goal of being educated consumers of statistics, should take STAT UN1001 INTRO TO STATISTICAL REASONING. This course is designed for students who have taken a pre-calculus course, and the focus is on general principles.
- Students seeking an introduction to applied statistics should take STAT UN1101 INTRODUCTION TO STATISTICS. This course is designed for students who wish to learn to conduct statistical analyses, but do not have a background in calculus; the focus is on the implementation of statistical methods, rather than the underlying theory. It is recommended for pre-med students, and students considering the applied track of the statistics minor.
- Students seeking a more mathematically rigorous treatment of the subject should take STAT UN1201 CALC-BASED INTRO TO STATISTICS. This course is designed for students who have taken a semester of college calculus or the equivalent, and the focus is on preparation for further study in probability and statistical theory and methods. It is

recommended for students considering the statistics major, or the theoretical track of the minor.

- Students seeking a one-semester calculus-based survey of probability and statistical theory should take STAT GU4001 INTRODUCTION TO PROBABILITY AND STATISTICS. This course is designed for students who have taken calculus, and is meant as a terminal course. It provides an abridged version of the material covered in the two-semester sequence STAT GU4203 PROBABILITY THEORY and STAT GU4204 STATISTICAL INFERENCE. While some mathematically mature students may take the 4203--4204 sequence as an introduction to the field, it is generally recommended that students prepare for it by taking STAT UN1201 CALC-BASED INTRO TO STATISTICS.

The Department offers a Major in Statistics, a Minor in Statistics, and interdisciplinary majors with Computer Science, Economics, Mathematics, and Political Science. The major consists of mathematical and computational prerequisites, an introductory course, five core courses in probability and theoretical and applied statistics, plus three electives. The training provided by the undergraduate major is comparable to a master's degree in statistics. The applied track of the minor is suitable for students preparing for academic or professional work in fields where data analysis skills are valued; it can be completed without the mathematical prerequisite required for the major. Students who are more mathematically inclined can opt for the theoretical track, and complete a minor by taking courses from the core sequence of the statistics major.

## STUDENT ADVISING

Statistics Major and Minor Advising:

Ronald Neath, 615 Watson (612 West 115th Street);  
212-853-1398; [rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

Data Science Major Advising:

Computer Science: Tim Roughgarden, 410 Mudd;  
212-853-8474; [tr@cs.columbia.edu](mailto:tr@cs.columbia.edu) ([cannon@cs.columbia.edu](mailto:cannon@cs.columbia.edu))  
Statistics: Ronald Neath, 615 Watson;  
212-853-1398; [rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

Economics - Statistics Major Advising:

Economics: Susan Elmes, 1006 IAB; 212-854-9124;  
[se5@columbia.edu](mailto:se5@columbia.edu)  
Statistics: Ronald Neath, 615 Watson;  
212-853-1398; [rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

Mathematics - Statistics Major Advising:

Mathematics: Julien Dubedat, 601 Mathematics;  
212-854-8806; [jd2653@columbia.edu](mailto:jd2653@columbia.edu)  
Statistics: Ronald Neath, 615 Watson;  
212-853-1398; [rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

Political Science - Statistic Major Advising:

Political Science: Andrew Gelman, 1016 SSW (1255 Amsterdam); [gelman@stat.columbia.edu](mailto:gelman@stat.columbia.edu)

Statistics: Ronald Neath, 615 Watson;  
212-853-1398; [rcn2112@columbia.edu](mailto:rcn2112@columbia.edu)

## Enrolling in Classes

Students may wish to consult the following guidelines when undertaking course planning.

- It is advisable to take [STAT UN1101](#) INTRODUCTION TO STATISTICS and [STAT UN2102](#) Applied Statistical Computing before taking any of the more advanced minor courses: [STAT UN2103](#) APPLIED LINEAR REG ANALYSIS, [STAT UN2104](#) APPL CATEGORICAL DATA ANALYSIS, [STAT UN3104](#) Applied Bayesian Analysis, [STAT UN3105](#) APPLIED STATISTICAL METHODS, and [STAT UN3106](#) APPLIED MACHINE LEARNING.
- It is advisable to take [STAT UN1201](#) CALC-BASED INTRO TO STATISTICS, [STAT GU4203](#) PROBABILITY THEORY, [STAT GU4204](#) STATISTICAL INFERENCE, and [STAT GU4205](#) LINEAR REGRESSION MODELS in sequence.
- Courses in stochastic analysis should be preceded by [STAT GU4203](#) PROBABILITY THEORY, and for many students, it is advisable to take [STAT GU4207](#) ELEMENTARY STOCHASTIC PROCESS before embarking on [STAT GU4262](#) Stochastic Processes for Finance, [STAT GU4264](#) STOCHASTIC PROCESSES-APPLICANTS I, or [STAT GU4265](#) STOCHASTIC METHODS IN FINANCE.
- Most of the statistics courses numbered from 4221 to 4234 are best preceded by [STAT GU4205](#) LINEAR REGRESSION MODELS.
- The data science courses [STAT GU4206](#) STAT COMP # INTRO DATA SCIENCE, [STAT GU4241](#) STATISTICAL MACHINE LEARNING, and [STAT GU4242](#) Advanced Machine Learning should be taken in sequence.

## Preparing for Graduate Study

The [BA/MA option](#) allows current Columbia undergraduate students (Columbia College, SEAS, the School of General Studies, and Barnard) the opportunity to complete both the bachelor's degree and the master's degree (BA/MA) in a shorter period of time, thus providing an option that is financially advantageous. The BA/MA in Statistics is open to students from all majors.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major or minor must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies. Exceptions or substitutions permitted by the Director of

Undergraduate Studies should be confirmed in writing by email to the student.

## Advanced Placement

Columbia College and the School of General Studies award 3 points of credit for a score of 5 on the AP statistics exam. Students who are required to take [STAT UN1101](#) for their major should check with their major advisor to determine whether this credit provides exemption from their requirement.

Students pursuing a major that requires [STAT UN1201](#) should plan to take that course at Columbia, even if they scored a 5 on the AP statistics exam. AP credit cannot be used to satisfy a requirement for [STAT UN1201](#).

## Transfer Courses

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor.

No more than two DUS-approved STAT courses toward a Statistics major may be fulfilled with transfer credit.

Not more than one DUS-approved STAT course toward a Statistics joint major or a Statistics minor may be fulfilled with transfer credit.

## Study Abroad Courses

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor, the DUS will need to confirm that they can be used toward requirements in the major/minor.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses, including limits on the number of approved STAT course that can be applied to the major/minor.

## Summer Courses

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the Statistics major or minor.

More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.

## UNDERGRADUATE RESEARCH

Matriculated students who will be undergraduates at Columbia College, Barnard College, the School of General Studies, or the School of Engineering and Applied Sciences may apply to the Department's summer internship program. Students work under the supervision of Statistics Department faculty mentors. The internship provides a summer housing allowance and a stipend.

Applicants should send a brief statement of interest and a copy of their transcript to the Statistics DUS by the end of March to be considered. If summer project descriptions are posted on the Department's website, please indicate your preferred project(s) in your statement of interest.

Students seeking research opportunities with Statistics Department faculty during the academic year are advised to be entrepreneurial and proactive: identify congenial faculty whose research is appealing, request an opportunity to meet, and provide some indication of previous coursework when asking for a project.

## DEPARTMENT HONORS

Students are considered for department honors on the basis of GPA and the comprehensiveness and difficulty of their coursework in Statistics and related disciplines. Generally, no more than 10% of graduating majors receive departmental honors in a given academic year.

## PROFESSORS

David Blei (with Computer Science)  
 John Cunningham  
 Richard R. Davis  
 Victor H. de la Peña  
 Andrew Gelman (with Political Science)  
 Ioannis Karatzas (with Mathematics)  
 Jingchen Liu  
 Shaw-Hwa Lo  
 Marcel Nutz (with Mathematics)  
 Liam Paninski  
 Philip Protter  
 Daniel Rabinowitz  
 Bodhisattva Sen  
 Michael Sobel  
 Simon Tavaré (with Biological Sciences)  
 Zhiliang Ying  
 Ming Yuan  
 Tian Zheng (Chair)

## ASSOCIATE PROFESSORS

Samory Kpotufe  
 Arian Maleki  
 Sumit Mukherjee

## ASSISTANT PROFESSORS

Marco Avella  
 Yuqi Gu  
 Cynthia Rush  
 Anne van Delft

## TERM ASSISTANT PROFESSORS

Carsten Chong  
 Gokce Dayanikli  
 Yongchen Kwon  
 Johannes Wiesel  
 Chenyang Zhong

## ADJUNCT FACULTY

Demissie Alemayehu  
 Mark Brown  
 Guy Cohen  
 Regina Dolgoarshinnykh  
 Hammou El Barmi  
 Tat Sang Fung  
 Xiaofu He  
 Ying Liu  
 Ka-Yi Ng  
 Ha Nguyen  
 Cristian Pasarica  
 Kamiar Rahnema Rad  
 Ori Shental  
 Haiyuan Wang  
 Rongning Wu

## LECTURERS IN DISCIPLINE

Banu Baydil  
 Anthony Donoghue  
 Wayne Lee  
 Dobrin Marchev  
 Ronald Neath  
 Alex Pijyan  
 David Rios  
 Joyce Robbins  
 Gabriel Young

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Selecting a first course in Statistics:

- Students interested in learning statistical concepts, with a goal of being educated consumers of statistics, should take STAT UN1001 INTRO TO STATISTICAL REASONING.



This course is designed for students who have taken a pre-calculus course, and the focus is on general principles.

- Students seeking an introduction to applied statistics should take STAT UN1101 INTRODUCTION TO STATISTICS. This course is designed for students who wish to learn to conduct statistical analyses, but do not have a background in calculus; the focus is on the implementation of statistical methods, rather than the underlying theory. It is recommended for pre-med students, and students considering the applied track of the statistics minor.
- Students seeking a more mathematically rigorous treatment of the subject should take STAT UN1201 CALC-BASED INTRO TO STATISTICS. This course is designed for students who have taken a semester of college calculus or the equivalent, and the focus is on preparation for further study in probability and statistical theory and methods. It is recommended for students considering the statistics major, or the theoretical track of the minor.
- Students seeking a one-semester calculus-based survey of probability and statistical theory should take STAT GU4001 INTRODUCTION TO PROBABILITY AND STATISTICS.

This course is designed for students who have taken calculus, and is meant as a terminal course. It provides an abridged version of the material covered in the two-semester sequence STAT GU4203 PROBABILITY THEORY and STAT GU4204 STATISTICAL INFERENCE. While some mathematically mature students may take the 4203--4204 sequence as an introduction to the field, it is generally recommended that students prepare for it by taking STAT UN1201 CALC-BASED INTRO TO STATISTICS.

## Course Numbering Structure

The 1000-level courses (STAT UN1001, STAT UN1101 and STAT UN1201) are introductory courses. Most students will begin their study of statistics with one of these three courses.

The 2000-level courses (STAT UN2102, STAT UN2103 and STAT UN2104) are courses in computational and applied statistics, with STAT UN1101 or STAT UN1201 as a prerequisite. These are important courses in the minor program; students pursuing a statistics major will learn this material by studying the more mathematical treatment given in the 4000-level courses.

The 3000-level courses (STAT UN3104, STAT UN3105 and STAT UN3106) introduce more specialized statistical methods which build on the material introduced in STAT UN2102 and STAT UN2103. While the statistical methods covered in these courses can be quite advanced, the mathematical level remains modest. Again, these courses are part of the minor curriculum, and students completing a statistics major will learn this material elsewhere in the statistics curriculum.

STAT GU4001 is a one-semester calculus-based course in probability and statistics, intended for students who seek a

mathematically rigorous course, but do not intend to major or minor in statistics (for most, this will be a terminal course).

The 4200-level courses are intended for students majoring in statistics and related disciplines.

Courses numbered 4203 through 4207 introduce fundamental material in probability theory, statistical inference, data analysis, and statistical computing; these courses comprise the core of the statistics major.

Courses numbered 4221 through 4234 cover specialized statistical data analysis techniques, and are possible electives for students in the statistics major.

Courses numbered 4241 through 4243 introduce modern tools in machine learning and data science.

Courses numbered between 4261 and 4265 cover statistical and probabilistic theory and methods in modern finance.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in Statistics

The major should be planned with the director of undergraduate studies. Courses taken for a grade of Pass/D/Fail, or in which the grade of D has been received, do not count toward the major. The major requires 14 courses, as follows:

Mathematics Prerequisite (four courses)

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
MATH UN2010	LINEAR ALGEBRA

Computer Science Requirement (one course). Choose one of the following

COMS W1004	Introduction to Computer Science and Programming in Java
ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI
STAT UN2102	Applied Statistical Computing

Statistical prerequisite (one course)

STAT UN1201	CALC-BASED INTRO TO STATISTICS
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Core courses in probability and statistics (five courses):

STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4206	STAT COMP # INTRO DATA SCIENCE
STAT GU4207	ELEMENTARY STOCHASTIC PROCESS

Electives (three courses):



An approved selection of three advanced courses in mathematics, statistics, applied mathematics, industrial engineering and operations research, computer science, or an advanced quantitative course in a social science. At least one elective must be a Statistics Department course numbered between 4221 and 4291

- The mathematics prerequisite can also be satisfied by taking the Honors Mathematics A and B sequence, MATH UN1207 and MATH UN1208.
- Students preparing for graduate study in statistics are encouraged to replace two electives with MATH GU4061 INTRO MODERN ANALYSIS I and MATH GU4062 INTRO MODERN ANALYSIS II .

## Major in Data Science

In response to the ever increasing importance of “big data” in scientific and policy endeavors, the last few years have seen an explosive growth in theory, methods, and applications of AI and machine learning. The Department of Computer Science and the Department of Statistics jointly offer a Data Science major that emphasizes the interface between the two disciplines.

The major requires 18 courses, as follows. (Courses taken for a grade of Pass/D/Fail, or in which the grade of D has been received, do not count toward the major.)

Notes:

The mathematics prerequisite can also be satisfied by taking the Honors Mathematics A and B sequence, MATH UN1207 and MATH UN1208.

### Mathematical Prerequisites

MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN1201	CALCULUS III
or MATH UN1205	ACCELERATED MULTIVARIABLE CALC
MATH UN2010	LINEAR ALGEBRA

### Statistics Required Courses

STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4241	STATISTICAL MACHINE LEARNING
or COMS W4771	MACHINE LEARNING

### Statistics Electives

Select two of the following courses:	
STAT UN3106	APPLIED MACHINE LEARNING

STAT GU4206	STAT COMP # INTRO DATA SCIENCE
STAT GU4243	APPLIED DATA SCIENCE
STAT GU4224	BAYESIAN STATISTICS
STAT GU4242	Advanced Machine Learning

### Computer Science Introductory Courses

Select one of the following courses:	
COMS W1004	Introduction to Computer Science and Programming in Java
COMS W1005	Introduction to Computer Science and Programming in MATLAB
ENGI E1006	INTRO TO COMP FOR ENG/ APP SCI
COMS W1007	
And select one of the following courses:	
COMS W3134	Data Structures in Java
COMS W3136	ESSENTIAL DATA STRUCTURES
COMS W3137	HONORS DATA STRUCTURES # ALGOL

### Computer Science Required Courses

COMS W3203	DISCRETE MATHEMATICS
CSOR W4231	ANALYSIS OF ALGORITHMS I

### Computer Science Electives

Select three of the following courses:	
COMS W3261	COMPUTER SCIENCE THEORY
COMS W4236	INTRO-COMPUTATIONAL COMPLEXITY
COMS W4252	INTRO-COMPUTATIONAL LEARN THRY
COMS W4111	INTRODUCTION TO DATABASES
COMS W4130	
Any COMS W47xx course EXCEPT W4771	

## Major in Economics-Statistics

Please read *Requirements for all Economics Majors, Concentrators, and Interdepartmental Majors* in the Economics (p. 309) section of this Bulletin.

The major in Economics-Statistics provides students with a grounding in economic theory comparable to that of the general economics major, but also exposes students to a more rigorous and extensive statistics training. This program is recommended for students with strong quantitative skills and for those contemplating graduate studies in economics.

Two advisers are assigned for the interdepartmental major, one in the Department of Economics and one in the Department of Statistics. The economics adviser can only advise on economics requirements and the statistics adviser can only advise on statistics requirements.

Students should be aware of the rules regarding the use of the Pass/D/Fail option. Courses in which a grade of D has been received do not count toward the major requirements.

The economics-statistics major requires 18 courses, as follows:

Notes:

- The mathematics prerequisite can also be satisfied by taking the Honors Mathematics A and B sequence, MATH UN1207 and MATH UN1208.

### Economics Core Courses

Complete the Economics core courses.

### Economics Electives

Select three electives at the 3000-level or above, of which no more than one may be a Barnard course.

### Mathematics

Select one of the following sequences:

MATH UN1101      CALCULUS I  
& MATH UN1102      and CALCULUS II  
& MATH UN1201      and CALCULUS III  
& MATH UN2010      and LINEAR ALGEBRA

MATH UN1101      CALCULUS I  
& MATH UN1102      and CALCULUS II  
& MATH UN1205      and ACCELERATED  
& MATH UN2010      MULTIVARIABLE CALC  
                                 and LINEAR ALGEBRA

MATH UN1207      HONORS MATHEMATICS A  
& MATH UN1208      and HONORS MATHEMATICS  
                                 B

### Statistics

STAT UN1201      CALC-BASED INTRO TO  
                                 STATISTICS

STAT GU4203      PROBABILITY THEORY

STAT GU4204      STATISTICAL INFERENCE

STAT GU4205      LINEAR REGRESSION  
                                 MODELS

One elective from among courses numbered STAT GU4206 through GU4266.

### Computer Science

Select one of the following courses:

COMS W1004      Introduction to Computer Science  
                                 and Programming in Java

COMS W1005      Introduction to Computer Science  
                                 and Programming in MATLAB

COMS W1007

ENGI E1006      INTRO TO COMP FOR ENG/  
                                 APP SCI

STAT UN2102      Applied Statistical Computing

### Seminar

ECON GU4918      SEMINAR IN ECONOMETRICS

## Major in Mathematics-Statistics

This major program is designed to prepare students 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.

The major requires 14 courses, as follows. (Courses taken for a grade of Pass/D/Fail, or in which the grade of D has been received, do not count toward the major.):

### Mathematics

Select one of the following sequences:

MATH UN1101      CALCULUS I

MATH UN1102      CALCULUS II

MATH UN1201      CALCULUS III

MATH UN2010      LINEAR ALGEBRA

MATH UN2500      ANALYSIS AND  
                                 OPTIMIZATION

OR

MATH UN1101      CALCULUS I

MATH UN1102      CALCULUS II

MATH UN1205      ACCELERATED  
                                 MULTIVARIABLE CALC

MATH UN2010      LINEAR ALGEBRA

MATH UN2500      ANALYSIS AND  
                                 OPTIMIZATION

OR

MATH UN1207      HONORS MATHEMATICS A

MATH UN1208      HONORS MATHEMATICS B

MATH UN2500      ANALYSIS AND  
                                 OPTIMIZATION

### Statistics required courses

STAT UN1201      CALC-BASED INTRO TO  
                                 STATISTICS

STAT GU4203      PROBABILITY THEORY

STAT GU4204      STATISTICAL INFERENCE

STAT GU4205      LINEAR REGRESSION  
                                 MODELS

And select one of the following courses:

STAT GU4207      ELEMENTARY STOCHASTIC  
                                 PROCESS

STAT GU4262      Stochastic Processes for Finance

STAT GU4264      STOCHASTIC PROCESSES-  
                                 APPLIED I

STAT GU4265      STOCHASTIC METHODS IN  
                                 FINANCE

### Computer Science

Select one of the following courses:

COMS W1004      Introduction to Computer Science  
                                 and Programming in Java

COMS W1005      Introduction to Computer Science  
                                 and Programming in MATLAB

ENGI E1006      INTRO TO COMP FOR ENG/  
                                 APP SCI

COMS W1007  
or an advanced Computer Science offering in programming

Electives

An approved selection of three advanced courses in mathematics, statistics, applied mathematics, industrial engineering and operations research, computer science, or approved mathematical methods courses in a quantitative discipline. At least one elective must be a Mathematics Department course numbered 3000 or above.

- Notes:
- The mathematics prerequisite can also be satisfied by taking the Honors Mathematics A and B sequence, MATH UN1207 and MATH UN1208.
- Students preparing for doctoral study in mathematics or statistics are encouraged to take MATH GU4061 INTRO MODERN ANALYSIS I and MATH GU4062 INTRO MODERN ANALYSIS II.

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.

The political science-statistics major requires a minimum of 6 courses in political science, and 7 or 8 courses in statistics & mathematics, to be distributed as follows:

Political Science

Students must choose a primary subfield to study. Within the subfield, students must take a minimum of three courses, including the subfield's introductory course. The subfields and their corresponding introductory courses are as follows:

American Politics:	
POLS UN1201	INTRO TO AMERICAN POLITICS
Comparative Politics:	
POLS UN1501	INTRO TO COMPARATIVE POLITICS
International Relations:	
POLS UN1601	INTERNATIONAL POLITICS
Political Theory:	
POLS UN1101	POLITICAL THEORY I

Additionally, students must take a 4-point seminar in their primary subfield.

Research Methods

Students must take the following two research methods courses:

POLS GU4710	PRINC OF QUANT POL RESEARCH 1
or POLS UN3704	RESEARCH DESIGN: DATA ANALYSIS
POLS GU4712	PRINC OF QUANT POL RESEARCH 2

Statistics

Select one of the following two sequences.	
Sequence recommended for students preparing for graduate study in statistics.	
MATH UN1101	CALCULUS I
MATH UN1102	CALCULUS II
MATH UN2010	LINEAR ALGEBRA
STAT UN1201	CALC-BASED INTRO TO STATISTICS
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4206	STAT COMP # INTRO DATA SCIENCE

Students taking the first track may replace the Mathematics prerequisites with both of MATH UN1207 and MATH UN1208

or	
Sequence recommend for students preparing to apply statistical methods in the social sciences.	
STAT UN1101	INTRODUCTION TO STATISTICS
STAT UN2102	Applied Statistical Computing
STAT UN2103	APPLIED LINEAR REG ANALYSIS
STAT UN2104	APPL CATEGORICAL DATA ANALYSIS
STAT UN3105	APPLIED STATISTICAL METHODS
STAT UN3106	APPLIED MACHINE LEARNING

Statistics elective:  
Students must take an approved elective in a statistics or a quantitatively oriented course in a social science.

Minor in Statistics

The minor requires five courses, distributed as follows.

Students should select one of the following two tracks.

The requirements for the Applied track of the statistics minor are:

Introduction to statistics (one course): Choose one of the following

- STAT UN1101 INTRO DUCION TO STATISTICS
- STAT UN1201 CALC-BASED INTRO TO STATISTICS

Applied statistics core (two courses): Take both of the following

STAT UN2102 Applied Statistical Computing

STAT UN2103 APPLIED LINEAR REG ANALYSIS

Statistics electives (two courses): Choose any two of the following

STAT UN2104 APPL CATEGORICAL DATA ANALYSIS

STAT UN3104 Applied Bayesian Analysis

STAT UN3105 APPLIED STATISTICAL METHODS

STAT UN3106 APPLIED MACHINE LEARNING

The requirements for the Theoretical track are:

Introduction to Statistics (one course)

STAT UN1201 CALC-BASED INTRO TO STATISTICS

Probability and statistics core (three courses)

STAT GU4203 PROBABILITY THEORY

STAT GU4204 STATISTICAL INFERENCE

STAT GU4205 LINEAR REGRESSION MODELS

Elective (one course)

One additional STAT course numbered 4206 through 4261

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before the 2023-2024 academic year. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Concentrations are not available to students who entered Columbia in or after Fall 2024.

### Concentration in Statistics

The concentration requires 6 courses in statistics, as follows.

Courses taken for a grade of Pass/D/Fail, or in which the grade of D has been received, do not count towards the concentration.

STAT UN1101 INTRODUCTION TO STATISTICS

STAT UN2102 Applied Statistical Computing

STAT UN2103 APPLIED LINEAR REG ANALYSIS

STAT UN2104 APPL CATEGORICAL DATA ANALYSIS

STAT UN3105 APPLIED STATISTICAL METHODS

STAT UN3106 APPLIED MACHINE LEARNING

(Students may replace courses nominally required for the concentration by approved Statistics Department courses.)

# SUSTAINABLE DEVELOPMENT

## THE SUSTAINABLE DEVELOPMENT PROGRAM:

Department website: <http://sdev.ei.columbia.edu>

Office location: The Earth Institute, 2910 Broadway, Hogan Hall, B-Level, New York, NY 10025

### Co-Directors of Undergraduate Studies:

Leah Aronowsky, 212-854-3830; [la2438@columbia.edu](mailto:la2438@columbia.edu)

Joerg Schaefer, 845-365-8703, [schaefer@ldeo.columbia.edu](mailto:schaefer@ldeo.columbia.edu)

**Undergraduate Administrator:** Sylvia Montijo; [smontijo@climate.columbia.edu](mailto:smontijo@climate.columbia.edu)

## THE STUDY OF SUSTAINABLE DEVELOPMENT

Sustainable development is founded on the premise that human well-being should advance without irreparable harm to ecosystems and the vital services they provide, without depleting essential resources, and without posing risks to future generations. The term "sustainable" refers to managing the world's economy in a manner consistent with the continued healthy functioning of Earth's ecosystems, oceans, atmosphere and climate. In this context, "development" refers to continued social, political, and economic progress aimed at improving the well-being of the global community, especially for the poorest people.

### Academic Programs

The Earth Institute—in collaboration with Columbia College, the School of General Studies, the School of International and Public Affairs, and the Departments of Earth and Environmental Science; Ecology, Evolution, and Environmental Biology; and Earth and Environmental Engineering—offers a major and a special concentration in sustainable development.

These programs are designed to: engage students in this emergent interdisciplinary discussion, provide knowledge of the theory and practice of sustainable development, stimulate a critical examination of historical and conceptual antecedents, provide experience in the complex challenges of sustainable development through direct engagement, and help them imagine alternative futures for our rapidly changing world. With help from the Earth Institute faculty, courses are specifically created to address the very real and complex issues of development as they relate to the interactions of the natural and social systems.

The major focuses heavily on the sciences and provides students with a working knowledge of issues on a range of interacting subject areas. After declaring the major, students are assigned an

academic adviser from within the Earth Institute, who advises on class selection and career development. Students benefit from a support system of faculty, advisers, and program managers, and have access to a 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.

## STUDENT ADVISING

Co-Directors of Undergraduate Studies:

- Leah Aronowsky, 212-854-3830; [la2438@columbia.edu](mailto:la2438@columbia.edu)
- Joerg Schaefer, 845-365-8703, [schaefer@ldeo.columbia.edu](mailto:schaefer@ldeo.columbia.edu)

Undergraduate Administrator:

- Sylvia Montijo; [smontijo@climate.columbia.edu](mailto:smontijo@climate.columbia.edu)

## Consulting Advisers

Prospective students can declare the major or special concentration using the online declaration system.

Please direct any program questions to Sylvia Montijo ([smontijo@climate.columbia.edu](mailto:smontijo@climate.columbia.edu)), who is located in the Earth Institute's offices in [Hogan Hall](#).

### Columbia College

Columbia College students typically declare their major or concentration (and any special concentration) through the Center for Student Advising during the spring semester of their sophomore year. More information is available on the Center for Student Advising [website](#).

### School of General Studies

General Studies students may declare a major or concentration during the months of March and October. Additional details are available on the General Studies [website](#).

Program staff are available to discuss requirements, course substitutions and registration. Please direct these questions to Sylvia Montijo; [sm4084@columbia.edu](mailto:sm4084@columbia.edu)

## Enrolling in Classes

The sustainable development foundation courses should be taken first and students should then work with the program



adviser on further course selection and sequencing. The major in sustainable development requires a minimum of 15 courses and a practicum as [follows](#) (p. 485).

Students should take the following foundational courses in their first year at Columbia:

- EESC UN2330 Science for Sustainable Development (offered in fall)—this course satisfies the science core requirement
- SDEV UN2300 Challenges of Sustainable Development (offered in spring)

#### Course Substitution:

If you would like to have a course count for credit that was taken outside of the listed program requirements, the course must first go through a review and approval process. This includes electives not listed on the pre-approved list, transfer credits, study abroad, and Columbia courses not explicitly listed on the requirements list. To request approval, you must submit a course substitution form, linked below, to Sylvia Montijo at [sm4084@columbia.edu](mailto:sm4084@columbia.edu).

#### Restrictions:

- Requests for course substitutions will not be accepted beyond the first semester of your senior year. You may need to return for an additional semester to complete the program requirements.
- Substitutions for the foundational courses (EESC 2330 Science for Sustainable Development and SDEV UN2300 Challenges of Sustainable Development) are not allowed.

Reviews are completed on a monthly basis and your decision will be e-mailed to you. A maximum of 4 course substitutions are permitted for majors and 2 course substitutions for special concentrators. The limit excludes the approval of elective courses.

#### Practicum Substitution:

Students in both the sustainable development major and special concentration are required to complete a Practicum. If a student wishes to substitute the Practicum requirement with a related internship or independent study, he/she will need to submit this form for pre-approval by the program directors. If your internship/independent study is pre-approved, you will need to enroll in the SDEV UN3998 Independent Study course during the same semester you undertake the approved internship/project OR the semester immediately following the completion of the internship/study. If you complete 42.5 contact hours, you are eligible to register for 1 credit. If you complete 85 contact hours or more, you are eligible to register for 2 credits. At the end of the semester you are enrolled in SDEV 3998, you will be asked to submit a Practicum Substitution Application to Sylvia Montijo at [sm4084@columbia.edu](mailto:sm4084@columbia.edu). If you have successfully

completed the application and received a passing grade, your internship/project will fulfill the practicum requirement. Please note only unpaid internships/independent studies are eligible for practicum credit.

## Preparing for Graduate Study

Accelerated 5 Year Program: Sustainable Development (B.A.) and Sustainability Management (M.S.)

Launched in Fall 2015 this companion degree program — offered in collaboration with The Earth Institute, Columbia College, the School of General Studies and the School of Professional Studies — allows students to earn both a bachelor's and a master's degree in just five years. Students are trained to become sustainability practitioners who understand the complex environmental challenges facing the world. They develop practical skills in management, quantitative analysis, and sustainability to transform the way that organizations do business.

Building upon the strong foundation of their undergraduate coursework, Sustainable Development students who are accepted into the [Sustainability Management](#) program will learn to draw from interdisciplinary perspectives in general, as well as develop specific skills and knowledge in financial management, quantitative analysis, public policy, and the physical dimensions of sustainability. Students will receive practical professional training to help them to understand the systematic and organizational role of sustainability in any organization.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major or minor [or special program or concentration] must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies of the program. Exceptions or substitutions permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

## Advanced Placement

To ensure their advanced placement credits are transferred to Columbia, students are encouraged to work closely with their advising dean. For consideration of major credit, students must submit a course petition form, available [here](#), for review by the program's Co-Directors.

## Barnard College Courses

Several Barnard College courses have been approved for program requirements in the major, special concentration, and minor. See program requirements page for more details. Students must submit a course substitution form, available [here](#), to have additional Barnard coursework reviewed for program credit.

## Transfer Courses

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor or special program or concentration.

- A maximum of 4 course substitutions are permitted for majors and 2 course substitutions for special concentrators. The limit excludes the approval of elective courses. No course substitutions are permitted for minors.
- Students must submit a course petition form, available [here](#), for review by the program's Co-Directors for any transfer coursework.

## Study Abroad Courses

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor [or special program or concentration], the DUS will need to confirm that they can be used toward requirements in the major/minor.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses. There will be a limit on the number of courses taken abroad that can be applied to the major/minor, and they must be approved by the DUS.

[Study abroad](#) and internships are strongly encouraged as a basis for thesis research and to provide students with practical experience and enhanced global awareness. The Global Fellows in Sustainable Development Program provides funding for students to further their studies off campus in the form of fieldwork and research.

## Summer Courses

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major/minor only as articulated in department/institute/center guidelines or by permission of the Director(s) of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

The Senior Research Seminar, offered jointly with [Barnard College](#), can be taken in the Spring/Fall or Fall/Spring sequence and includes guided, independent, in-depth research as well as discussions about scientific presentations and posters, data analysis, library research methods, and scientific writing culminating in the senior thesis. Each student is responsible for oral research presentations and an extended written report on a related subject of his or her choice. Completing a senior thesis with a B+ or better in both seminar courses is required for departmental honors. As of spring 2024, over 70+ students have completed a thesis with the sustainable development program. A list of past SDEV senior theses are [here](#).

### Undergraduate Research in Courses

#### SDEV 4101 Qualitative Research Methods

This course will provide an overview of social science research methods, with a focus on building a toolkit for undergraduate students. We begin with an overview of the science of knowing. How do we generate scientific hypotheses in the social sciences, and then how can we find out whether those hypotheses are accurate? An exploration of a range of qualitative research methods will occupy the majority of our class time, including interviewing, case studies, questionnaires, surveys, coding, and participant observation. Toward the end of the course we consider how mixed methods allow for the integration of quantitative tools in the social sciences. Throughout, students will both study and practice these research methods, experimenting to better understand the strengths and challenges associated with each approach. The course will end with poster presentations in which students share their own research and justify the methods they have employed.

### Senior Thesis Coursework and Requirements

The Senior Research Seminar, offered jointly with [Barnard College](#), can be taken in the Spring/Fall or Fall/Spring sequence and includes guided, independent, in-depth research as well as discussions about scientific presentations and posters, data analysis, library research methods, and scientific writing culminating in the senior thesis. Each student is responsible for oral research presentations and an extended written report on a related subject of his or her choice. Completing a senior thesis with a B+ or better in both seminar courses is required for departmental honors. As of spring 2024, over 70+ students have completed a thesis with the sustainable development program.

### Undergraduate Research Outside of Courses

The Climate School offers undergraduate students research assistant opportunities. Undergraduates from Columbia University serve as research assistants on projects related to climate and sustainable development and the environment with

distinguished faculty and researchers at the cutting edge of this burgeoning field.

While research assistant positions at Columbia University are generally awarded to graduate students, this program instead aims to present undergraduates with a unique opportunity to be involved in research at a high level and to gain valuable experience and skills for their future academic and professional careers.

More information on student opportunities through the Climate School can be found [here](#).

## DEPARTMENT HONORS AND PRIZES

### • Department Honors

Sustainable Development majors who wish to be considered for departmental honors must:

1. Have a grade point average of at least 3.7 in their major courses.
2. Take two courses of the [senior thesis seminar](#).
3. Receive at least a B+ in both senior thesis courses.

### • Academic Prizes

#### Stuart Gaffin Award for Leadership and Engagement

The Stuart Gaffin Award for Leadership and Engagement honors an individual or group of students in their senior year who will graduate with either a major or special concentration degree from the Undergraduate Program in Sustainable Development.

The award commemorates Professor Stuart Gaffin, who taught the Workshop in Sustainable Development from 2009-2019. Award selections will be based on nominating and supporting letters from students, faculty, and staff. Awardees will be selected based on demonstrated leadership and service in the spirit of sustainable development either on or off campus. The award honors leadership, impact, engagement, and dedication, all of which were characteristic of Professor Gaffin's contributions to our Columbia community.

#### Phi Beta Kappa

Each year 10% of graduating seniors are nominated for this honor (2% in fall and 8% in spring). Students are chosen based on the breadth, depth and rigor of their academic achievements, as well as recommendations from faculty members on their intellectual promise, character, and achievement both in and out of the classroom.

## OTHER IMPORTANT INFORMATION

### • [Collaborative Research Grant](#)

The [Collaborative Research Grant](#), launched in 2017, provides undergraduate and masters students with an opportunity to work alongside Columbia University faculty on a research project of

the student's choosing. Students may apply for funding for up to two semesters (fall/spring or spring/fall), which will enable them to explore the research project more fully than a typical one semester project would allow. Applications will be accepted from students from a variety of backgrounds and departments as long as the research focuses on an area related to environmental sustainability.

### • Denning Global Fellows in Sustainable Development

The Denning Global Fellows in Sustainable Development Program supports field research for current Columbia undergraduates studying sustainable development, either as a major or as a special concentration. This field research may take the form of actual fieldwork, unpaid research assistantships, study abroad opportunities\*, theses, senior seminar projects, or independent studies. Funding will only be awarded for activities that explicitly fulfill degree requirements, and/or further an individual's studies in sustainable development. Ideally, fieldwork should provide an opportunity to conduct research and hone practical skills in data collection, analysis, and project management. Awards will vary in amount according to individual project needs. Current full-time Columbia students in the Undergraduate Program in Sustainable Development are eligible, provided they are in good academic standing. Learn more about previous Global Fellows [here](#).

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## SUSTAINABLE DEVELOPMENT FACULTY

Susana Adamo (Center for International Earth Information Network)

Satyajit Bose (School of International and Public Affairs)

Steve Cohen (The Earth Institute; School of International and Public Affairs)

Lisa Dale (The Earth Institute; Ecology, Evolution, and Environmental Biology)

Ruth DeFries (Ecology, Evolution, and Environmental Biology) (Co-Director)

Paul Gallay (Ecology, Evolution and Environmental Biology)

Francesco Fiondella (International Research Institute for Climate and Society)

Michael Gerrard (Center for Climate Change Law and Columbia Law School)

Adela Gondek (Ecology, Evolution and Environmental Biology)

Radley Horton (Center for Climate Systems Research)

Joyce Klein-Rosenthal (The Earth Institute)

Jacqueline Klopp (The Earth Institute)

Upmanu Lall (Columbia Water Center; International Research Institute for Climate and Society)

Kytt McManus (Center for International Earth Science Information Network)

Rachel Moersky (Population and Family Health)

John Mutter (Earth and Environmental Sciences; School of International and Public Affairs)

Linda Pistolesi (Center for International Earth Science Information Network)

Jason Smerdon (Lamont-Doherty Earth Observatory) (Co-Director)

Martin Stute (Lamont-Doherty Earth Observatory)

Phil Weinberg (Ecology, Evolution and Environmental Biology)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of majors and minors. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Students who entered Columbia in or before the 2023-2024 academic year may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

A minimum of 15 courses and a practicum are required, for a total of approximately 47 points, to complete the major. Students will take courses within the following framework:

- I. SDEV Foundation
- II. Basic Disciplinary Foundation (Natural Science, Social Science, Quantitative Foundation)
- III. Analysis and Solutions to Complex Problems
- IV. Skills/Actions
- V. Elective
- VI. Practicum

### VII. Workshop

For a full list of previously approved electives, please visit the sustainable development program [website](#).

Note:

Please visit the Sustainable Development website for requirements [majors](#).

### Course Numbering Structure

- 1000-2000-level courses are intended to be introductory (such as the Social Science sequence or the Foundation coursework).
- 3000-4000-level courses cover more advanced sustainable development concepts, such as the Skills/Actions, Complex Problems, or Elective requirements. Approved courses in the MS in Sustainability Management are also offered at the 4000-level.
- 5000-level courses are additional master's level courses (i.e., Climate and Society courses).
- 6000-level and above are PhD courses.

### Guidance for First-Year Students

Students must first be accepted into Columbia College or the School of General Studies to be eligible to declare the Sustainable Development program. Prospective students should review the course requirements and schedule an appointment with the program administrators to discuss any questions regarding the requirements. Prospective students can declare the major or special concentration using the online declaration system.

### Guidance for Transfer Students

Transfer students are advised to submit [course petitions](#) to have their prior coursework reviewed for major credit. Course petitions will not be accepted for foundation coursework (SDEV 2300 Challenges of Sustainable Development and EESC 2330 Science for Sustainable Development).

## UNDERGRADUATE PROGRAMS OF STUDY

### Required Coursework for all Programs

#### Major:

A minimum of 15 courses and a practicum are required, for a total of approximately 47 points, to complete the major. Students will take courses within the following framework:

- I. SDEV Foundation



- II. Basic Disciplinary Foundation (Natural Science, Social Science, Quantitative Foundation)
- III. Analysis and Solutions to Complex Problems
- IV. Skills/Actions
- V. Elective
- VI. Practicum
- VII. Workshop

A letter grade of C- or better is needed in all program related courses in order to satisfy the requirements for the major. P/F grades are only permitted in SDEV 3998.

For course descriptions and scheduling, check out the sustainable development [Bulletin](#).

### Special concentration:

The special concentration is intentionally more flexible than the major, given that students have their major classes as well. However, its structure allows students to benefit from the program's cross-disciplinary courses and to build the expertise that will allow them to address the fundamental issue of how to move toward a trajectory of sustainability.

A minimum of nine courses and a practicum are required for the special concentration. Students will take courses within the following framework:

- I. SDEV Foundation
- II. Natural Science Systems
- III. Social Science Systems
- IV. Analysis and Solutions to Complex Problems
- V. Skills/Actions
- VI. Practicum
- VII. Workshop

A letter grade of C- or better is needed in all program related courses in order to satisfy the requirements for the special concentration. P/F grades are only permitted in SDEV 3998.

For course descriptions and scheduling, check out the sustainable development [Bulletin](#).

## Major in Sustainable Development

A minimum of 15 courses and a practicum are required, for a total of approximately 47 points, to complete the major. Students will take courses within the following framework:

### Sustainable Development Foundation

SDEV UN1900	INTRO TO SUSTAINABLE DEVPT SEM (Beginning fall 2023, SDEV 1900 Introduction to Sustainable Development is no longer a required course for students in the major and special concentration. See note below.) <sup>1</sup>
SDEV UN2300	CHALLENGES OF SUSTAINABLE DEV
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

### Basic Disciplinary Foundation

Select one of the following science sequences. NOTE: Associated labs are required for Physics and Environmental Biology sequence.

CHEM UN1403 & CHEM UN1404	GENERAL CHEMISTRY I-LECTURES and GENERAL CHEMISTRY II-LECTURES
EEEB UN2001 & EEBB UN2002	ENVIRONMENTAL BIOLOGY I and ENVIRONMENTAL BIOLOGY II (EESC UN2310 is a co-requisite with EEBB UN2002)
EESC UN1600 & EESC UN2100	EARTH RESOURCES # SUSTAIN DEV and EARTH'S ENVIRO SYST: CLIM SYST
EESC UN1600 & EESC UN2200	EARTH RESOURCES # SUSTAIN DEV and EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN1600 & EESC UN2300	EARTH RESOURCES # SUSTAIN DEV and EARTH'S ENVIRO SYST: LIFE SYST (EESC UN2310 is co-requisite with EESC UN2300)
EESC UN2100 & EESC UN2200	EARTH'S ENVIRO SYST: CLIM SYST and EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2100 & EESC UN2300	EARTH'S ENVIRO SYST: CLIM SYST and EARTH'S ENVIRO SYST: LIFE SYST (EESC UN2310 is co-requisite with EESC UN2300)
EESC UN2200 & EESC UN2300	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH and EARTH'S ENVIRO SYST: LIFE SYST (EESC UN2310 is co-requisite with EESC UN2300)
PHYS UN1201 & PHYS UN1202	GENERAL PHYSICS I and GENERAL PHYSICS II (LABS PHYS 1291 and PHYS 1292 also required)
Select two of the following social science courses:	
ANTH UN1002	THE INTERPRETATION OF CULTURE
ANTH UN1003	The Environment
ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
ANTH BC2427	ANTHROPOLOGY OF CLIMATE CHANGE
ECON UN1105	PRINCIPLES OF ECONOMICS
HIST UN2222	NATURE # POWER: ENV HIST NORTH AMERICA



POLS UN1201	INTRO TO AMERICAN POLITICS (Students can take POLS 1201 or SDEV 2050)
POLS UN1501	INTRO TO COMPARATIVE POLITICS (Students can take POLS 1501 OR POLS 1601)
POLS UN1601	INTERNATIONAL POLITICS
SDEV UN2000	INTRO TO ENVIRONMENTAL LAW
SDEV UN2050	ENVIRONMENTAL POLICY AND GOVERNANCE
SDEV UN3400	HUMAN POPULATIONS # SDEV
SOCI UN1000	THE SOCIAL WORLD
Select one of the following quantitative foundations courses:	
EEEB UN3005	INTRO-STAT-ECOLOGY # EVOL BIOL
EESC BC3017	ENVIRONMENTAL DATA ANALYSIS
STAT S1101	INTRODUCTION TO STATISTICS (this course is approved as a quantitative foundations course starting Spring 2024)
STAT UN1101	INTRODUCTION TO STATISTICS (this course is approved as a quantitative foundations course starting Spring 2024)
STAT UN1201	CALC-BASED INTRO TO STATISTICS
MATH UN2015	Linear Algebra and Probability (This course is approved as a quantitative foundations course starting Fall 2022. This course replaces MATH UN2010 Linear Algebra as an option for this requirement.)
<b>Analysis and Solutions to Complex Problems</b>	
Select two of the following courses:	
ANTH BC3932	CLIM CHNG/GLOBAL MIGR/ HUM RGT
CIEE E3260	ENGINEERING FOR COMMUNITY DEVELOPMENT
EAEE W4304	Closing the carbon cycle
ECIA W4100	MGMT # DEVPT OF WATER SYSTEMS
EEEB G4135	Urban Ecology and Design
EESC BC3032	Agricultural and Urban Land Use: Human-Environment Interactions
EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
HIST UN3712	African Climate and History

HIST GU4811	Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond
PUBH UN3100	FUNDAMENTALS OF GLOBAL HEALTH
PUBH GU4200	Environment, Health, and Justice: Concepts and Practice
SDEV UN3330	Ecological and Social Systems for Sustainable Development
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3360	DISASTERS AND DEVELOPMENT
SDEV UN3366	ENERGY LAW
SDEV UN3410	Cities # Sustainability
URBS UN3565	Cities in Developing Countries: Problems and Prospects
SDEV GU4250	CLIMATE CHANGE: RESILIENCE # ADAPTATION
The Summer Ecosystems Experience for Undergraduates (SEE-U) *	
SDEV GU4650	Building Climate Justice: Co-Creative Coastal Resilience Planning
<b>Skills/Actions</b>	
Select two of the following courses:	
EAEE E4257	ENVIR DATA ANALYSIS # MODELING
EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
EESC BC3050	BIG DATA WITH PYTHON
SDEV UN2320	ECON # FIN MTHDS FOR SDEV
SDEV UN3390	GIS FOR SUSTAINABLE DEVELOPMNT
SDEV UN3450	SPATIAL ANALYSIS FOR SDEV
SOCI UN3010	METHODS FOR SOCIAL RESEARCH
SUMA PS4100	Sustainability Management
SDEV GU4101	QUAL RESEARCH METHODS SDEV
SDEV GU4240 Science Communication	
The Summer Ecosystems Experience for Undergraduates (SEE-U) *	
<b>Practicum</b>	
Select one of the following courses:	
SDEV GU4500	SUSTAINABILITY AND THE MEANING OF PLACE ON CUTTYHUNK ISLAND
SDEV GU4550	The New York City Watershed: From Community Displacement to Collaboration and Climate Adaptation
INAF U4420	Oil, Rights and Development

SDEV UN3998 SUPERVISED INDIVIDUAL RESEARCH

SUMA PS4310 Practicum in Innovation Sustainability Leadership

SUMA PS4734 Earth Institute Practicum

### Electives

Select two courses from the following areas. Courses can be combined across Areas 2-5 only. If you select Area 1, you must complete two thesis courses and these will fulfill the elective requirement:

Area 1: Senior Thesis Sequence (EESC BC3800/ EESC BC3801 and EESC UN3901) \*\*

Area 2: Upper level courses from the approved electives list (see link in footnotes to access list) \*\*\*

Area 3: Additional courses listed under Analysis and Solutions to Complex Problem

Area 4: Additional courses listed under Skills/Actions

### Area 5

SDEV UN3310 ETHICS OF SUSTAINABLE DEVPT

SDEV GU4050 US WATER # ENERGY POLICY

SDEV GU4350 PUBLIC LANDS IN THE AMERICAN WEST

SDEV GU4600 SPECIAL TOPICS IN SDEV # CLIMATE

### Capstone Workshop

SDEV UN3280 WORKSHOP IN SUSTAINABLE DEVPT

SDEV UN3550 BANGLADSH:LIFE-TECT ACTV DELTA

SDEV GU4400 Sustainable Development in Rwanda

! Beginning fall 2023, SDEV 1900 Introduction to Sustainable Development is no longer a required course for students in the major and special concentration. SDEV 1900 will continue to be offered every year. Please reach out to Sylvia Montijo (smontijo@climate.columbia.edu) with any questions about this change.

\* The Summer Ecosystem Experiences for Undergraduates (SEE-U): Please note that students in the major or the special concentration who take SEE-U as a 6-point course can use 3 points towards the Complex Problems requirement and 3 points towards the Skills/Action requirement. If SEE-U is taken for 3 points, it can only count as one Complex Problems class.

\*If choosing the senior thesis option to fulfill the elective requirements, students must take both courses in the senior thesis sequence.

\*\*For a full list of previously approved electives, please visit the sustainable development program website: <https://sdev.ei.columbia.edu/content/approved-electives-list>

\*\*\*Please visit the Sustainable Development website for requirements:

Majors: <http://sdev.ei.columbia.edu/curriculum/major/>

## Major in Climate and Sustainability

The major in Climate and Sustainability is a joint major between the Undergraduate Program in Sustainable Development and DEES, and requires a minimum of 46.5 points, distributed as follows:

### Climate and Sustainability Foundations

Two courses:

SDEV UN2300 CHALLENGES OF SUSTAINABLE DEV

EESC UN2330 SCIENCE FOR SUSTAINABLE DEVPT

### Basic Disciplinary Foundations

Five courses:

#### A. Natural Science Courses (2):

##### Required:

EESC UN2100 EARTH'S ENVIRO SYST: CLIM SYST

##### One of the following:

EESC UN1201 Environmental Risks and Disasters

EESC UN1600 EARTH RESOURCES # SUSTAIN DEV

EESC UN2200 EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

EESC UN2300 EARTH'S ENVIRO SYST: LIFE SYST

#### B. Social Science Courses (2):

##### Required:

SDEV UN2100 Introduction to Climate Justice

##### One of the following:

EESC UN1201 Environmental Risks and Disasters

EESC UN1600 EARTH RESOURCES # SUSTAIN DEV

EESC UN2200 EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH

EESC UN2300 EARTH'S ENVIRO SYST: LIFE SYST

#### C. Quantitative Foundations Course (1):

##### One of the following:

STAT UN1201 CALC-BASED INTRO TO STATISTICS

MATH UN2010 LINEAR ALGEBRA

EEEE UN3005 INTRO-STAT-ECOLOGY # EVOL BIOL

EESC BC3017 ENVIRONMENTAL DATA ANALYSIS

Note: Taking Introduction to Statistics and Calculus separately will not fulfill the quantitative requirement.

## Climate and Sustainability: Complexities and Analyses

Four courses:

### Two courses form the following:

SDEV GU4250	CLIMATE CHANGE: RESILIENCE # ADAPTATION
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3366	ENERGY LAW
ANTH BC3932	CLIM CHNG/GLOBAL MIGR/HUM RGT
EESC GU4235	SEA LEVEL CHANGE
EAEE E4304	CLOSING THE CARBON CYCLE

One of the following Natural Science courses:

EESC GU4220	GLACIOLOGY
EESC GU4235	SEA LEVEL CHANGE
EESC GU4330	INTRO-TERRESTRIAL PALEOCLIMATE
EESC GU4835	Wetlands and Climate Change
EESC GU4920	PALEOCEANOGRAPHY
EESC GU4923	Biological Oceanography
EESC GU4925	INTRO TO PHYSICAL OCEANOGRAPHY
EESC GU4926	INTRO TO CHEMICAL OCEANOGRAPHY
EESC GU4937	CENOZOIC PALEOCEANOGRAPHY
EAEE E4304	CLOSING THE CARBON CYCLE

One of the following Social Science courses:

ANTH BC3932	CLIM CHNG/GLOBAL MIGR/HUM RGT
ANTH UN3861	Anthropology of the Anthropocene
POLS GU4814	GLOBAL ENERGY: SECURITY/GEOPOL
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3366	ENERGY LAW
SDEV GU4050	US WATER # ENERGY POLICY
ECON BC3039	Environmental and Natural Resource Economics

## Electives

Select two courses from the following areas. If you select Area 1, you must complete two thesis courses, and these will fulfill the elective requirement:

### Area 1:

EESC UN3901	SENIOR SEMINAR
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### Area 2:

Additional courses listed under the Climate and Sustainability: Complexities and Analysis requirement.

### Area 3:

Additional quantitative or qualitative methods or skills courses:

STAT UN2103	APPLIED LINEAR REG ANALYSIS
STAT UN3105	APPLIED STATISTICAL METHODS
STAT UN3106	APPLIED MACHINE LEARNING
STAT GU4203	PROBABILITY THEORY
STAT GU4204	STATISTICAL INFERENCE
STAT GU4205	LINEAR REGRESSION MODELS
STAT GU4207	ELEMENTARY STOCHASTIC PROCESS
EAEE E4257	ENVIR DATA ANALYSIS # MODELING
EESC BC3050	BIG DATA WITH PYTHON
SDEV UN3390	GIS FOR SUSTAINABLE DEVELOPMNT
SDEV UN3450	SPATIAL ANALYSIS FOR SDEV
SDEV GU4101	QUAL RESEARCH METHODS SDEV

## Practicum

### One course:

SDEV UN3998	SUPERVISED INDIVIDUAL RESEARCH
SDEV GU4500	SUSTAINABILITY AND THE MEANING OF PLACE ON CUTTYHUNK ISLAND
SDEV GU4550	The New York City Watershed: From Community Displacement to Collaboration and Climate Adaptation
SUMA PS4734	Earth Institute Practicum

## Capstone Workshop

### One course:

SDEV UN3280	WORKSHOP IN SUSTAINABLE DEVPT
SDEV UN3550	BANGLADSH:LIFE-TECT ACTV DELTA
SDEV GU4400	Sustainable Development in Rwanda

## Minor in Sustainable Development

The minor in Sustainable Development consists of five courses, enabling students to augment their education with critical

interdisciplinary skills and knowledge needed to address the urgent and complex challenges of sustainable development.

#### Minor Course Requirements

1. EESC 2330 Science for Sustainable Development (3 credits)
2. SDEV 2300 Challenges of Sustainable Development (3 credits)
3. One course from Analysis & Solutions to Complex Problems Requirement Area (3 credits)
4. Second course from Analysis & Solutions to Complex Problems Requirement Area (3 credits)
5. One course from Skills/Actions Requirement Area (3 credits)

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before the 2023-2024 academic year. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study. Concentrations are not available to students who entered Columbia in or after Fall 2024.

### Special Concentration in Sustainable Development

The sustainable development foundation courses should be taken first and students should then work with the program adviser on further course selection and sequencing.

The special concentration in sustainable development requires a minimum of 9 courses and a practicum as follows:

#### Sustainable Development Foundation

SDEV UN1900	INTRO TO SUSTAINABLE DEVPT SEM (Beginning fall 2023, SDEV 1900 Introduction to Sustainable Development is no longer a required course for students in the major and special concentration. See note below.) <sup>1</sup>
SDEV UN2300	CHALLENGES OF SUSTAINABLE DEV
EESC UN2330	SCIENCE FOR SUSTAINABLE DEVPT

#### Natural Science Systems

Select one of the following courses. NOTE: Associated labs are required for Physics and Environmental Biology sequence.

CHEM UN1403	GENERAL CHEMISTRY I-LECTURES
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EEEE UN1001	Biodiversity
EEEE UN2002	ENVIRONMENTAL BIOLOGY II (EESC UN2310 is co-requisite with EEEB UN2002)
EESC UN1003	Climate and Society: Case Studies
EESC UN1011	Earth: Origin, Evolution, Processes, Future
EESC UN1030	OCEANOGRAPHY
EESC UN1201	Environmental Risks and Disasters
EESC UN1600	EARTH RESOURCES # SUSTAIN DEV
EESC UN2100	EARTH'S ENVIRO SYST: CLIM SYST
EESC UN2200	EARTH'S ENVIRONMENTAL SYSTEMS: THE SOLID EARTH
EESC UN2300	EARTH'S ENVIRO SYST: LIFE SYST (EESC UN2310 is co-requisite with EESC UN2300)
PHYS UN1201 & PHYS UN1291	GENERAL PHYSICS I and GENERAL PHYSICS I LAB

#### Human Science Systems

Select one of the following courses:

ANTH UN1002	THE INTERPRETATION OF CULTURE
ANTH UN1003	The Environment
ANTH UN2004	INTRO TO SOC # CULTURAL THEORY
ANTH BC2427	ANTHROPOLOGY OF CLIMATE CHANGE
ECON UN1105	PRINCIPLES OF ECONOMICS
HIST UN2222	NATURE # POWER: ENV HIST NORTH AMERICA
POLS UN1201	INTRO TO AMERICAN POLITICS (Students can take POLS 1201 OR SDEV 2050)
POLS UN1501	INTRO TO COMPARATIVE POLITICS (Students can take POLS 1501 OR POLS 1601)
POLS UN1601	INTERNATIONAL POLITICS
SDEV UN2000	INTRO TO ENVIRONMENTAL LAW
SDEV UN2050	ENVIRONMENTAL POLICY AND GOVERNANCE
SDEV UN3400	HUMAN POPULATIONS # SDEV
SOCI UN1000	THE SOCIAL WORLD

#### Analysis and Solutions to Complex Problems

Select two of the following courses:

ANTH BC3932	CLIM CHNG/GLOBAL MIGR/HUM RGT
CIEE E3260	ENGINEERING FOR COMMUNITY DEVELOPMENT
EAEE W4304	Closing the carbon cycle
ECIA W4100	MGMT # DEVPT OF WATER SYSTEMS
EEEE G4135	Urban Ecology and Design

EESC BC3032	Agricultural and Urban Land Use: Human-Environment Interactions
EESC GU4600	EARTH RESOURCES # SUSTAIN DEV
HIST GU4811	Encounters with Nature: The History and Politics of Environment, Health and Development in South Asia and Beyond
PUBH UN3100	FUNDAMENTALS OF GLOBAL HEALTH
PUBH GU4200	Environment, Health, and Justice: Concepts and Practice
SDEV UN3330	Ecological and Social Systems for Sustainable Development
SDEV UN3355	CLIMATE CHANGE AND LAW
SDEV UN3360	DISASTERS AND DEVELOPMENT
SDEV UN3366	ENERGY LAW
SDEV UN3410	Cities # Sustainability
URBS UN3565	Cities in Developing Countries: Problems and Prospects
The Summer Ecosystem Experiences for Undergraduates (SEE-U) *	
SDEV GU4650	Building Climate Justice: Co-Creative Coastal Resilience Planning

**Skills/Actions**

Select one of the following courses:

EAEE E4257	ENVIR DATA ANALYSIS # MODELING
EESC BC3050	BIG DATA WITH PYTHON
EESC GU4050	GLOBAL ASSMT-REMOTE SENSING
SDEV UN2320	ECON # FIN MTHDS FOR SDEV
SDEV UN3390	GIS FOR SUSTAINABLE DEVELOPMNT
SDEV UN3450	SPATIAL ANALYSIS FOR SDEV
SDEV GU4101	QUAL RESEARCH METHODS SDEV
SDEV GU4240 Science Communication	
SUMA PS4100	Sustainability Management
SOCI UN3010	METHODS FOR SOCIAL RESEARCH

The Summer Ecosystem Experiences for Undergraduates (SEE-U) \*

**Practicum**

Select one of the following courses:

SDEV GU4500	SUSTAINABILITY AND THE MEANING OF PLACE ON CUTTYHUNK ISLAND
SDEV GU4550	The New York City Watershed: From Community Displacement to Collaboration and Climate Adaptation

INAF U4420	Oil, Rights and Development
SDEV UN3998	SUPERVISED INDIVIDUAL RESEARCH
SUMA PS4310	Practicum in Innovation Sustainability Leadership
SUMA PS4734 Earth Institute Practicum	
<b>Capstone Workshop</b>	
SDEV UN3280	WORKSHOP IN SUSTAINABLE DEVPT
SDEV UN3550	BANGLADSH:LIFE-TECT ACTV DELTA
SDEV GU4400	Sustainable Development in Rwanda

! Beginning fall 2023, SDEV 1900 Introduction to Sustainable Development is no longer a required course for students in the major and special concentration. SDEV 1900 will continue to be offered every year. Please reach out to Sylvia Montijo (smontijo@climate.columbia.edu) with any questions about this change.

\* The Summer Ecosystem Experiences for Undergraduates (SEE-U): Please note that students in the major or the special concentration who take SEE-U as a 6-point course can use 3 points towards the Complex Problems requirement and 3 points towards the Skills/Action requirement. If SEE-U is taken for 3 points, it can only count as one Complex Problems class.

See Sustainable Development Website for Special Concentrators: <http://sdev.ei.columbia.edu/curriculum/special-concentration/>



# URBAN STUDIES

The Urban Studies is housed at Barnard College, with Columbia History Professor Amy Chazkel providing advising for Columbia College students. All information on these Bulletin pages feeds from the information on the Barnard Course Catalogue.

Urban Studies at Columbia

Columbia Adviser: Prof. Amy Chazkel; [ac2227@columbia.edu](mailto:ac2227@columbia.edu)

713 Milstein Learning Center

212-854-4073 | [urbanstudies@barnard.edu](mailto:urbanstudies@barnard.edu)

**Department Assistant:** Valerie Coates | [vcoates@barnard.edu](mailto:vcoates@barnard.edu)

## THE FIELD OF URBAN STUDIES

The Barnard–Columbia Urban Studies program enables students to explore and understand the dynamics of cities and urbanization. Students engage the city as an amalgam of social, spatial, historical, cultural, and environmental phenomena. Students study the evolution of urban forms and social structures, which create opportunities and constraints for the exercise of human agency. They examine the city in different historical and comparative contexts, as well as in the human imagination.

Majors build an intellectual foundation that combines broad, interdisciplinary coursework and in-depth focus on a particular sub-field. The core courses expose students to the diversity of urban studies as a field, while the methods and Junior Seminar requirements introduce them to the challenge of doing original research. This prepares them for their independent senior thesis project, undertaken over the entirety of their final 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:

- Describe and explain urban phenomena and relations from multiple theoretical and methodological perspectives.
- Identify and analyze diverse urban issues and problems, including their complex causes and the systems that frame their potential resolution.
- Evaluate approaches to collecting and analyzing diverse empirical data about cities.
- Design and conduct research on a particular urban issue or problem, including developing and defending a research

question, conducting original research, considering its risks to subjects, analyzing data using recognized techniques, and interpreting results.

- Develop an extensive, clear, and carefully argued piece of writing.

## STUDENT ADVISING

### Advising Resources

- Prospective Columbia College majors should consult with **Amy Chazkel**, Bernard Hirschhorn Associate Professor of Urban Studies
- Prospective General Studies majors should consult with **Aaron Passell**, Associate Director of Urban Studies.
- Please send email to [urbanstudies@barnard.edu](mailto:urbanstudies@barnard.edu) to subscribe to the Urban Studies listserv.
- Urban Studies hosts Program Planning meetings in the Fall and Spring semesters and an Open House for prospective and current majors. Scheduling information for these events is disseminated via the listserv.

## GUIDANCE FOR FIRST-YEAR STUDENTS

URBS UN1515 INTRODUCTION TO URBAN STUDIES is recommended for first-year students who are considering or would like to explore a major in Urban Studies.

## COURSEWORK TAKEN OUTSIDE OF BARNARD

### Advanced Placement Credit

- Urban Studies does not offer course exemptions for Advanced Placement or other exam scores.

### Columbia College Courses

- Courses may be taken at Columbia College or Barnard College to fulfill major requirements.

### Transfer Credit

- When students transfer to Barnard from other institutions, their coursework is first evaluated for college elective credit by the Registrar's Office. If approved, departments can consider these courses for credit toward the major or minor.
- There is no fixed maximum number of credits that transfer students may apply to the Urban Studies major, as long as the majority of major requirements are fulfilled at Barnard/Columbia. Students should present course descriptions, syllabi, and proposals to count transfer credits toward major requirements to the Director for approval.

## Study Abroad Credit

- Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Global Engagement) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus.
- Classes taken abroad through other institutions or programs are treated as transfer credit and are subject to the same policies as other transfer courses. Accordingly, there will be a limit on the number of study abroad courses that can be counted toward the major or minor.
- To receive credit toward the major or minor for a study abroad course (whether taken through a Columbia program or another institution/program), students must submit a Study Abroad Approval form through Slate and obtain the approval of the Chair or departmental representative.
- Urban Studies majors can generally count two to three courses taken in a recognized abroad program toward major requirements. Students should present course descriptions, syllabi, and proposals to count abroad credits toward major requirements to the Director for approval before going abroad.

## Summer Credit

- Summer courses at Barnard are equivalent to those taken during the academic year. Courses that have been approved for the fulfillment of departmental requirements will automatically count toward the major.
- Courses taken at other institutions (including Columbia) are considered transfer credit and are subject to the same policies governing other transfer courses. To receive credit for a summer course taken at another institution, students must submit a Summer Course form through Slate and have it approved by both the Registrar's Office and the Chair or department representative.
- Urban Studies students should present course descriptions, syllabi, and proposals to count summer credits toward major requirements to the Director for approval, preferably before taking summer courses.

## SENIOR CAPSTONE PROJECT

### The Senior Capstone Project

- All Urban Studies majors are required to complete a senior thesis. Most do so within the year-long course URBS UN3992 URBAN STUDIES SENIOR SEMINAR and URBS UN3993 URBAN STUDIES SENIOR SEMINAR.
- Those graduating off-cycle (and other in specific circumstances) may complete the thesis requirement using two advanced seminars, usually in their area of specialization (in place of the Senior Seminar), and submit two expanded essays (20-25 pages) from those courses (in place of the thesis).

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### Associate Director

Aaron Passell (Lecturer, Urban Studies)

### Associate Professor

Gergely Baics (History and Urban Studies)

### Assistant Professors

Amelia Simone Herbert (Education and Urban Studies)

Maricarmen Hernández (Sociology and Urban Studies)

Angela Simms (Sociology and Urban Studies)

Nick R. Smith (Architecture and Urban Studies)

### Term Assistant Professors

Christian Siener (Urban Studies)

Adreina Torres Angarita (Urban Studies)

### Affiliated Faculty

Fatima Koli, Associate Director, Empirical Reasoning Center (Barnard)

Mary Rocco, Director, Office of Community Engagement & Inclusion (Barnard)

### Advisory Committee

Thea Abu El-Haj, Professor, Education Program Director/Chair

Elizabeth S. Blackmar, Professor of History (Columbia)

Merlin Chowkwanyun, Assistant Professor of Sociomedical Sciences (Columbia)

Karen Fairbanks, Ann Whitney Olin Professor of Professional Practice in Architecture

Catherine Fennell, Assistant Professor of Anthropology (Columbia)

Ester R. Fuchs, Professor of Public Affairs and Political Science (Columbia)

Kenneth T. Jackson, Professor of History (Columbia)

Brian Larkin, Professor of Anthropology

Eduardo Moncada, Associate Professor of Political Science

Maria Rivera Maulucci, Professor of Education

Jose C. Moya, Professor of History

Randall Reback, Professor of Economics

Samuel K. Roberts, Associate Professor of History and Sociomedical Sciences

Martin Stute, Professor of Environmental Science

David Weiman, Professor of Economics

Weiping Wu, Professor of Urban Planning and Director of Urban Planning Program (Columbia)

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## MAJOR IN URBAN STUDIES

A minimum of 42 credits is required to complete the Urban Studies major. The major in Urban Studies is comprised of seven curricular requirements:

### Requirement U: Introduction to Urban Studies (1 course)

URBS UN1515 INTRODUCTION TO URBAN STUDIES

### Requirement A: Urban-Related Social Sciences (3 courses)

*One course* dealing primarily with urban subject matter from *each of three* of the following disciplines: Anthropology, Economics, History, Political Science, Sociology. For students declaring a major in Urban Studies after Spring 2018, one of the three courses *must* be History.

Each course should be chosen from the following disciplines: Anthropology, Economics, History, Political Science, Public Health, Sociology, or Urban Studies and be focused on urban issues. The three courses must be selected from three separate disciplines and they must appear on the Urban Studies approved list to fulfill the 'A' requirement for the major (if a course does not appear on the list that you believe should, please contact the Associate Director). Each course should also be taken with a different professor (i.e. you may not use two courses with the same professor to fulfill two of your A requirements). We recommend that you complete at least two of your three 'A' courses before taking the Junior Seminar, but this is not a hard requirement.

### Requirement B: Urban-Related Non-Social Science (1 course)

One course dealing primarily with urban subject matter from a discipline not listed above (such as Architecture, Art History, English, Environmental Science, etc.)

### Requirement C: Methods of Analysis (1 course)

One course in methods of analysis, such as URBS UN2200. Methods courses in related disciplines will also be considered for the requirement. Please consult the [program website](#) or the Associate Director

### Requirement D: Specialization (5 courses)

Five or more courses in a specialization from one of the participating departments. Barnard College students can double-count one A, B, or C course toward this requirement (only one of five), with the approval of the Director; Columbia College and General Studies students cannot double-count courses. Barnard majors also have specific requirements for each specialization, which are outlined in detail on the program website, [urban.barnard.edu](http://urban.barnard.edu).

### Requirement E: Junior Seminar (1 course)

We recommend that you complete at least two of your three 'A' courses before taking the Junior Seminar, but this is not a hard requirement.

#### URBS UN3545 JUNIOR SEMINAR IN URBAN STUDIES

Multiple sections of this course are taught each semester by various faculty on different topics. For more information, please consult the [program website](#) or the Associate Director.

### Requirement F: Senior Seminar (2 courses)

An original senior thesis written in conjunction with a two-semester research seminar on a topic of your choice.

URBS UN3992 URBAN STUDIES SENIOR SEMINAR  
URBS UN3993 URBAN STUDIES SENIOR SEMINAR

Students who, for some reason, will not be able to complete the Fall-Spring Senior Seminar sequence should consult with the Associate Director about alternatives.

### Other Important Information

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 Associate Director.

### Minor and Concentration

There is no minor in Urban Studies.

There is no concentration in Urban Studies.

# VISUAL ARTS

## THE VISUAL ARTS DEPARTMENT:

Department website: <http://arts.columbia.edu/visual-arts>

Office location: 310 Dodge Hall Office contact: 212-854-4065, [visualarts@columbia.edu](mailto:visualarts@columbia.edu)

**Director of Undergraduate Studies:** Sable Elyse Smith, [ss5501@columbia.edu](mailto:ss5501@columbia.edu)

**Undergraduate Administrator:** Calvin Kim, [csk2179@columbia.edu](mailto:csk2179@columbia.edu)

## THE STUDY OF VISUAL ARTS

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, minor, and joint major with the Art History and Archaeology Department.

Courses in which a grade of D has been received do not count toward the major or minor / concentration requirements.

Only the first course a student takes in the department may be taken for a grade of Pass/D/Fail.

## Registration

Undergraduate Visual Arts courses are set as waitlist only. If you are interested in taking a Visual Arts course, please add your name to the waitlist of the course in which you are interested, complete the Google form the program will send you, and attend the first day of the class. Due to the limited size of our classes and often high demand, you will be replaced if you are not present and on time the first two days.

## STUDENT ADVISING

### Consulting Advisers

- Please contact the DUS via email with any advising questions.

- If you are interested in the Undergraduate Open House please complete this [form](#).

- To view the Visual Arts Major Worksheet please download the form located [here](#).

- To view the Visual Arts Combined Major Worksheet please download the form located [here](#).

- To view the Visual Arts Minor Worksheet please download the form located [here](#).

\*Please note you can access these forms when logged into your CU email address.

## Enrolling in Classes

### Prerequisites

**Basic Drawing, UN1000 is a prerequisite for:**

Painting I, UN2100

Collage Mixed Media, UN3010

Painting II, UN3101

Painting III, UN3102

Figure Painting, UN3120

**Painting I UN2100 is a prerequisite for:**

Painting II, UN3101

Painting III, UN3102

Figure Painting, UN3120

**Intaglio I UN2420 or Relief I UN2430 is a prerequisite for:**

Drawing Into Print UN3412

Intaglio II, UN3421 (only Intaglio I, UN2420 is pre-req)

Advanced Printmaking UN4400

**Ceramics I UN2200 is a prerequisite for:**

Ceramics II, UN3201

**Sculpture I UN2300 is a prerequisite for:**

Sculpture II, UN3301 (or the Instructor's permission)

Sculpture III, UN3302

Making Without Objects, UN4310

**Silkscreen I UN2440 is a prerequisite for:**

Silkscreen II, UN3441

**Intro to Moving Image UN3500 is a prerequisite for:**

Advanced Moving Image, UN4501

**Departmental approval is required for:**

Senior Thesis I, UN3900

Visiting Critic I, UN3910

**Senior Thesis I, UN3900 is required for:**

Senior Thesis II, UN3901

**Visiting Critic I, UN3910 is required for:**

Visiting Critic II, UN3911



## Preparing for Graduate Study

Contact the DUS to schedule an appointment for advising regarding this process at the end of their sophomore year.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major or minor in Visual Arts must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies of the program. Exceptions or substitutions permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

### Advanced Placement

The department does not accept any advanced placement credit toward courses in its curriculum.

### Barnard College Courses

Barnard courses can be considered as transfer credit at the discretion of the Director of Undergraduate Studies.

### Transfer Courses

- When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g., to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor [or special program or concentration].

- No more than 12 points from any other degree-granting institution will be counted as points toward the Visual Arts major. Approval is required by the Director of Undergraduate Studies.

- Please complete the appropriate worksheet (major/ Combined Major/ Concentration) before scheduling a conversation with the DUS.

### Study Abroad Courses

- Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on theorningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor [or special program or concentration], the DUS will need to confirm that they can be used toward requirements in the major/minor.

- Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses. There will be a limit on

the number of courses taken abroad that can be applied to the major/minor, and they must be approved by the DUS.

### Summer Courses

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major/minor only as articulated in department/institute/center guidelines or by permission of the Director(s) of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

not applicable

### Senior Thesis Coursework and Requirements

Senior Thesis consists of four 2-point classes taken over two semesters and is considered the capstone experience of the Visual Arts major. They are listed in the fall semester as Senior Thesis I (2 points) and Visiting Critic I (2 points), and in the spring semester as Senior Thesis II (2 points) and Visiting Critic II (2 points). Please note that each semester, Senior Thesis and Visiting Critic run concurrently as one class taught by two faculty members. Weekly meetings include group discussions and presentations, one-on-one and group critiques, and field trips.

### REQUIREMENTS:

#### All applicants must:

- Be either a Visual Arts Major or a Combined Major in Art History and Visual Arts (note: Combined Art History and Visual Arts Majors may only apply for one of the two semesters)

- Be two semesters from completing their undergraduate requirements for graduation. It is strongly advised that majors have completed 18 points of required Visual Arts Program courses before entering Senior Thesis.

- Complete the Visual Arts Portfolio Review.

#### Applicants are asked to demonstrate:

- A commitment to developing your own unique artistic voice. This should be evident in the selection and quality of work in your presented Portfolio and in your demonstrated ability to synthesize the discrete artistic experiences you have had over the past three years—through classes and otherwise, into something greater than the sum of the parts.

- The ability to evaluate your own artwork, identifying the beginnings of the material, formal, and conceptual interests that make your work your own



- The sense of purpose, enthusiasm and vision needed to successfully embark upon a Senior Thesis in Visual Art.

## Undergraduate Research Outside of Courses

Not applicable

## DEPARTMENT HONORS AND PRIZES

### Department Honors

In March the program receives a list of Seniors that are eligible for Departmental honors. The list is distributed to the Visual Arts full-time faculty and they vote for who the recipients should be based on the quality of their work.

### Academic Prizes

- In December students are notified of the Visual Arts program's ability to nominate three Visual Arts students in their Junior year to apply for Yale's Norfolk summer program. It's a wonderful opportunity to spend a summer immersed in art-making, surrounded by talented peers and supported by dedicated faculty.

Students submit the following for review by the full-time faculty:

- 10 images of your work (with either captions or an Image List that includes Title / Year / Medium / Dimensions or a 30 second video if you time based work. A video showing 2D work will not be considered

- a short statement describing your 'art practice' (200 words maximum)

- a list of all Visual Arts studio classes taken at Columbia, including the current semester. Please list: Course Title, Semester Enrolled and Instructor

- Students must be able to attend the full program

## PROFESSORS

Matthew Buckingham  
Jon Kessler  
Shelly Silver  
Sarah Sze  
Rirkrit Tiravanija  
Tomas Vu-Daniel

## ASSOCIATE PROFESSORS

Naeem Mohaiemen

## ASSISTANT PROFESSORS

Daphne Arthur (one-year appointment)  
David Antonio Cruz  
Delphine Fawundu (Director of Graduate Studies)  
Kenny Rivero (one-year appointment)  
Sable Elyse Smith (Director of Undergraduate Studies)

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

- Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of majors and minors. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study."

- Students who entered Columbia in or before the 2023-2024 academic year may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

### Course Numbering Structure

- 1000-level: entry level courses

- 2000-level, intermediate level courses

- 3000-level, advanced level courses

- 4000-level, advanced entry level graduate courses

### Guidance for First-Year Students

Please reach out to our DUS at ss5501@columbia.edu for any advising needs.

### Guidance for Transfer Students

Please reach out to our DUS at ss5501@columbia.edu for any advising needs.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in Visual Arts

Visual Arts majors require 35 to 36 points. 32 points must be completed within the Visual Arts program consisting of seven 3-point Visual Arts studio courses; two 4-point semesters in the Senior Project; one 3-point Colloquium course and one 3 to 4-point 20th Century Art History course.

Students declare their majors online during the major declaration period in their sophomore year. After meeting with their college academic adviser, students must complete the majors worksheet and meet with the DUS to secure their signature. Please review the worksheet for detailed information regarding all Visual Arts

major requirements. You can only access the worksheet with your Columbia email address.

## Joint Major in Visual Arts and Art History

Visual Arts and Art History combined majors require 46 points. 21 points must be completed within the Visual Arts program consisting of seven 3-point Visual Arts studio courses. 25 points are to be completed within the Art History department consisting of one 4-point Major's Colloquium (AHIS UN3000) and seven 3-point related courses totaling 21 points.

To declare a Visual Arts and Art History joint major students must complete the [joint majors worksheet](#) and meet with the DUS to secure their signature. Please review the worksheet for detailed information regarding all Visual Arts and Art History joint major requirements. You can only access the worksheet with your Columbia email address.

## Minor in Visual Arts

Visual Arts minors require 15 to 16 points. 12 points (four 3-point courses) must be completed within the Visual Arts program and one 3 to 4-point 20th Century Art History course. To declare a Visual Arts minor students must complete the [minor worksheet](#) and meet with the DUS to secure their signature. Please review the worksheet for detailed information. You can only access the worksheet with your Columbia email address.

## FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before the 2023-2024 academic year. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study. Concentrations are not available to students who entered Columbia in or after Fall 2024.

## Concentration in Visual Arts

Visual Arts concentrators require 21 to 22 points. 18 points (six 3-point courses) must be completed within the Visual Arts program and one 3 to 4-point 20th Century Art History course. Two of the Visual Arts courses must be Basic Drawing UN1000 or UN1004 and Sculpture I UN2300 or Ceramics I UN2200. Please review the [concentration worksheet](#) for detailed information. You can only access the worksheet with your Columbia email address.

# WOMEN'S AND GENDER STUDIES

## INSTITUTE FOR THE STUDY OF SEXUALITY AND GENDER:

Department website: <https://issg.columbia.edu/>

Office location: 763 Schermerhorn Extension

Office contact: 212-854-3277, [issg@columbia.edu](mailto:issg@columbia.edu)

Director of Undergraduate Studies: Professor [Elizabeth Povinelli](#), [ep2122@columbia.edu](mailto:ep2122@columbia.edu)

## UNDERGRADUATE PROGRAM

Located within the Institute for the Study of Sexuality and Gender, and taught in cooperation with Barnard College's Department of Women's, Gender, and Sexuality Studies, the program in Women's and Gender Studies provides students with a culturally and historically situated, theoretically diverse, and transnational understanding of feminist and queer scholarship as it engages multiple disciplines.

The program introduces students to key feminist and queer discourses on the cultural and historical representation of nature, power, and the social construction of difference. It encourages students to engage in the debates regarding the ethical and political issues of equality and justice that emerge in such discussion, and links the questions of gender and sexuality to those of racial, ethnic, and other kinds of social difference.

Through sequentially organized courses in Women's, Gender, and Sexuality Studies, as well as approved elective courses in a wide range of departments, the degree provides a thoroughly interdisciplinary framework, methodological training, and substantive guidance in specialized areas of research. Small classes taught by our core faculty members and mentored thesis writing give students an education that is both comprehensive and tailored to individual needs.

Graduates leave the program with critical reading, writing, and analytical skills, and gain the tools they need to analyze systems of power operating at personal, national, and international levels. While this prepares some for future scholarly work in the field of Women's, Gender, and Sexuality studies, others take these skills and apply them to careers and future training in a variety of fields, including: law, public policy, social work, community organizing, public health, film, journalism, medicine, and other professions where gender and sexuality are currently being reimagined and there is a need for critical and creative interdisciplinary thought.

## STUDENT ADVISING

Director of Undergraduate Studies: Professor Elizabeth Povinelli, [ep2122@columbia.edu](mailto:ep2122@columbia.edu)

### Consulting Advisers

For advising inquiries, students should contact the Director of Undergraduate Studies, Professor Elizabeth Povinelli, at [ep2122@columbia.edu](mailto:ep2122@columbia.edu) to schedule an appointment.

To stay informed about departmental updates and events, students can sign up for the listserv by emailing [issg@columbia.edu](mailto:issg@columbia.edu). The listserv releases a weekly newsletter every Thursday, providing information about course offerings, internship opportunities, research projects, and other relevant announcements.

ISSG hosts various events throughout the year, including an annual welcome party for students every fall semester. To view current and previous events, students can visit the [ISSG Events Page](#).

### Enrolling in Classes

Certain courses within the WGSS major may have prerequisite coursework that students are expected to have completed or pursue before enrolling. These prerequisites are designed to ensure students have the necessary background knowledge and skills to succeed in the course. Students should review the course descriptions and program requirements on the [ISSG Courses](#) page to determine if any prerequisite coursework applies to their desired courses.

### Preparing for Graduate Study

For personalized guidance on preparing for graduate study in WGSS, schedule an appointment with the WGSS Director of Undergraduate Studies. They can offer tailored advice based on your academic and career aspirations, helping you navigate the path to advanced study in the field.

## COURSEWORK TAKEN OUTSIDE OF COLUMBIA

Coursework in fulfillment of a major or minor [or special program or concentration] must be taken at Columbia University unless explicitly noted here and/or expressly permitted by the Director of Undergraduate Studies of the program. Exceptions or substitutions permitted by the Director of Undergraduate Studies should be confirmed in writing by email to the student.

### Barnard College Courses

All Barnard courses are treated as part of the available curriculum and accepted in the major/minor.

### Transfer Courses

When students transfer to Columbia from other institutions, their coursework at their previous institution must first be considered by their school in order to be evaluated for degree credit (e.g.,

to confirm that the courses will count toward the 124 points of credit that every student is required to complete for the B.A. degree). Only after that degree credit is confirmed, departments may consider whether those courses can also be used to fulfill specific degree requirements toward a major or minor [or special program or concentration].

Transfer courses can be considered as transfer credit at the discretion of the Director of Undergraduate Studies. Once degree credit has been confirmed by Columbia, students should contact the Director of Undergraduate Studies (DUS) to request a review of transfer credit. Please provide course syllabi for each transfer course you wish to apply toward your degree requirements to the DUS.

## Study Abroad Courses

Classes taken abroad through Columbia-led programs (i.e., those administered by Columbia's Center for Undergraduate Global Engagement and taught by Columbia instructors) are treated as Columbia courses, equivalent to those taken on the Morningside Heights campus. If they are not explicitly listed by the department as fulfilling requirements in the major or minor [or special program or concentration], the DUS will need to confirm that they can be used toward requirements in the major/minor.

Classes taken abroad through other institutions and programs are treated as transfer credit to Columbia, and are subject to the same policies as other transfer courses. There will be a limit on the number of courses taken abroad that can be applied to the major/minor, and they must be approved by the DUS.

## Summer Courses

Summer courses at Columbia are offered through the School of Professional Studies. Courses taken in a Summer Term may be used toward requirements for the major/minor only as articulated in department/institute/center guidelines or by permission of the Director(s) of Undergraduate Studies. More general policies about Summer coursework can be found in the Academic Regulations section of this Bulletin.

## UNDERGRADUATE RESEARCH AND SENIOR THESIS

### Undergraduate Research in Courses

Building a strong foundation in research questions and methods is integral to advancing one's understanding of Women's, Gender, and Sexuality Studies (WGSS). Through coursework, students have the opportunity to develop critical research skills while exploring key topics in the field. Here are some courses that introduce students to research methods and their significance:

WMST UN1001 Introduction to Women's and Gender Studies (or WMST UN3125 Introduction to Sexuality Studies) provides an overview of key concepts, theories, and methodologies in WGSS. Students engage with interdisciplinary approaches to

studying gender, sexuality, and identity, laying the groundwork for future research endeavors.

WMST UN3311 Feminist Theory delves into the complexities of feminist thought and theory, equipping students with analytical tools to critically evaluate and conduct research within feminist frameworks. Through readings, discussions, and assignments, students explore various feminist perspectives and methodologies.

## Senior Thesis Coursework and Requirements

The senior thesis is an independent research project conducted under the guidance of a faculty advisor. It allows students to delve deeply into a specific area of interest within WGSS, applying the research skills and methodologies acquired throughout their undergraduate studies to produce an original scholarly work.

Senior thesis students must be WGSS majors and should meet with the Director of Undergraduate Studies (DUS) to ensure they fulfill all requirements before graduation. Eligible students typically begin working on their thesis in the fall of their senior year in WMST UN3521 Senior Seminar I.

For WGSS students awarded honors, participation in WMST UN3522 Senior Seminar II in the spring of their senior year provides an opportunity to further develop their thesis research and writing under faculty guidance.

## DEPARTMENT HONORS AND PRIZES

### Undergraduate Honors

Typically, honors in Women's, Gender, and Sexuality Studies will be awarded to students with (1) a grade point average of at least 3.6 or higher in Women's, Gender, and Sexuality Studies or related courses, (2) a senior thesis that has been recommended for honors by the professor of the senior seminar and the student's faculty advisor, and (3) approval by the College.

A limited number of students are granted this standing, and final approval originates from the Dean's Office. However, the Undergraduate Director, in consultation with the senior seminar professor and the student's faculty advisor, may propose honors for an extraordinary academic performance, with final approval resting with the College.

### Undergraduate Awards & Prizes

ISSG honors undergraduates with three annual prizes recognizing outstanding intellectual achievement: the Queer Studies Award, the Women's and Gender Studies Award, and the Feminist to the Core Essay Prize.

The Queer Studies Award, inaugurated in 1994, honors an undergraduate for excellence in research and writing in Queer Studies. Winning submissions demonstrate clarity, originality,



ambition, and are informed by or engaged in critical issues in Queer Studies.

The Women's and Gender Studies Award, inaugurated in 2007, honors an undergraduate for excellence in research and writing in the fields of Women's and Gender Studies. Winning submissions demonstrate clarity, originality, ambition, and are informed by or engaged in critical issues in Women's and Gender Studies.

The Feminist to the Core Essay Prize, inaugurated in 2017, is awarded annually to the undergraduate who is judged by the ISSG prize committee to have written the best essay on any topic in Feminist or Queer Studies in one of the following Core courses:

- Literature Humanities
- Contemporary Civilization
- Art Humanities
- Music Humanities

Undergraduates are invited to compete for all three awards in a given year, but may not submit the same essay for consideration for multiple awards. Prize applications can be accessed on the [ISSG Undergraduate Awards and Prizes](#) page.

Additional questions? Contact us at 212.854.3277 or by email at [issg@columbia.edu](mailto:issg@columbia.edu)

Other Important Information

## FORMS AND RELATED RESOURCES

[Major Milestone Form](#)

[Minor Milestone Form](#)

[Why WGSS?](#)

[WGSS Library Resources at Butler](#)

## CORE FACULTY:

**Lila Abu-Lughod**, Anthropology

<https://anthropology.columbia.edu/content/lila-abu-lughod>

**Julia Bryan-Wilson**, Art History and Archaeology

<https://arthistory.columbia.edu/content/julia-bryan-wilson>

**Tara Gonsalves**, Sociology

<https://sociology.columbia.edu/content/tara-gonsalves>

**Jack Halberstam**, English and Comparative Literature

<https://english.columbia.edu/content/jack-halberstam>

**Sarah Haley**, History

<https://history.columbia.edu/person/sarah-haley/>

**Saidiya Hartman**, University Professor

<https://english.columbia.edu/content/saidiya-v-hartman>

**Elizabeth Povinelli**, Anthropology

<https://anthropology.columbia.edu/content/elizabeth-povinelli>

## GUIDANCE FOR UNDERGRADUATE STUDENTS IN THE DEPARTMENT

### Program Planning for all Students

Students who entered Columbia (as first-year students or as transfer students) in or after Fall 2024 may select from a curriculum of a major or a minor. The requirements for the Bachelor of Arts degree, and role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Students who entered Columbia in or before the 2023-2024 academic year may select from a curriculum of majors and minors and concentrations. The requirements for the Bachelor of Arts degree, and the role of majors and minors in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

### Course Numbering Structure

Our course numbering system is designed to indicate the level of specialization and prerequisites associated with each course:

- 1000-level Courses: Introductory, providing foundational knowledge for students new to the subject.
- 2000-level Courses: Intermediate, building upon foundational concepts and delving deeper into specific topics.
- 3000-level Courses: Intermediate to Advanced, typically seminars, most requiring prerequisite coursework or prior knowledge and exploring complex themes and methodologies.
- 4000-level Courses: Advanced undergraduate and first year graduate courses. Typically taken by graduate students; advanced students (juniors and seniors) or those with extensive background.

### Guidance for First-Year Students

Consider enrolling in either WMST UN1001 INTRO-WOMEN # GENDER STUDIES or WMST UN3125 INTRO



TO SEXUALITY STUDIES. These courses provide a comprehensive introduction to key concepts and theories in the field.

Check course availability and prerequisites when registering for classes. Be sure to plan your schedule accordingly, keeping introductory courses in mind.

Schedule an appointment with the ISSG Director of Undergraduate Studies for personalized advice tailored to your interests and goals. They can help you plan your academic trajectory and navigate your first year effectively.

## Guidance for Transfer Students

Consider starting with either WMST UN1001 INTRO-WOMEN # GENDER STUDIES or WMST UN3125 INTRO TO SEXUALITY STUDIES. These courses provide a comprehensive introduction to key concepts and theories in the field. Prioritize classes that match your interests and degree requirements.

Transfer Credit Evaluation: After Columbia confirms degree credit, contact the ISSG DUS to review transfer courses and submit syllabi for evaluation.

You may need to complete your degree in a compressed timeline. Work closely with the ISSG DUS to ensure timely graduation.

## UNDERGRADUATE PROGRAMS OF STUDY

### Major in Women's, Gender, and Sexuality Studies

Total Number of Courses in Major: 11

Total Points for Major: 37-43 points

WMST UN1001	INTRO-WOMEN # GENDER STUDIES
or WMST UN3125	INTRO TO SEXUALITY STUDIES
WMST UN3311	FEMINIST THEORY
WMST UN3514	HIST APPROACHES TO FEM QUESTNS
WMST UN3521	SENIOR SEMINAR I
WMST UN3915	GENDER, SEXUALITY # POWER IN TRANSNATIONAL PERSPECTIVES

Six approved Elective Courses on women, gender, and/or sexuality in consultation with the director of undergraduate studies.\*

\* Electives will be selected in coordination with the Director of Undergraduate Studies to best suit students' specific interests and to provide them with the appropriate range of courses. Students are encouraged to take a broad interdisciplinary approach. The Director of Undergraduate Studies will help students fine-tune their academic program in conjunction with

ISSG courses, cross-listed courses, and other courses offered at Columbia.

### Minor in Women's, Gender, and Sexuality Studies

Number of Courses in Minor: 5

Total Points for Minor: 15-20 points

WMST UN1001	INTRO-WOMEN # GENDER STUDIES
or WMST UN3125	INTRO TO SEXUALITY STUDIES

Four Elective Courses on women's, gender, and/or sexuality studies selected in consultation with the ISSG Director of Undergraduate Studies (12-16 pts.)\*

\* Electives will be selected in coordination with the Director of Undergraduate Studies to best suit students' specific interests and to provide them with the appropriate range of courses. Students are encouraged to take a broad interdisciplinary approach. The Director of Undergraduate Studies will help students fine-tune their academic program in conjunction with ISSG courses, cross-listed courses, and other courses offered at Columbia.

### FOR STUDENTS WHO ENTERED COLUMBIA IN OR BEFORE THE 2023-24 ACADEMIC YEAR

Concentrations are available to students who entered Columbia in or before the 2023-2024 academic year. The requirements for the Bachelor of Arts degree, and the role of the concentration in those requirements, can be found in the Academic Requirements section of the Bulletin dated the academic year when the student matriculated at Columbia and the Bulletin dated the academic year when the student was a sophomore and declared programs of study.

Concentrations are not available to students who entered Columbia in or after Fall 2024.

### Concentration in Women's and Gender Studies

The same requirements as for the major, with the exception of WMST UN3521 SENIOR SEMINAR I.

## **Special Concentration Program for Those Majoring in Another Department**

WMST UN1001 INTRO-WOMEN # GENDER STUDIES or  
WMST UN3125 INTRO TO SEXUALITY STUDIES; plus four  
additional approved elective courses on gender.

# INDEX

<b>A</b>	
Academic Calendar .....	4
Academic Honors, Prizes, and Fellowships .....	161
Academic Regulations .....	129
Academic Requirements .....	84
Admission .....	51
African American and African Diaspora Studies .....	181
American Studies .....	178
Ancient Studies .....	184
Anthropology .....	188
Archaeology .....	191
Architecture .....	196
Art History and Archaeology .....	204
Art Humanities .....	100
Astronomy .....	211
<b>B</b>	
Biological Sciences .....	215
Business .....	226
<b>C</b>	
Chemistry .....	229
Classics .....	238
Cognitive Science .....	248
Colloquia, Interdepartmental Seminars, and Professional School Offerings ...	253
Columbia College Bulletin .....	3
Columbia University Policies .....	171
Comparative Literature and Society .....	254
Computer Science .....	260
Contemporary Civilization .....	95
Core Curriculum .....	90
Creative Writing .....	268
<b>D</b>	
Dance .....	271
Dean's Discipline .....	169
Departments, Programs, and Courses .....	177
Drama and Theatre Arts .....	275
<b>E</b>	
Earth and Environmental Sciences .....	283
East Asian Languages and Cultures .....	296
Ecology, Evolution, and Environmental Biology .....	301
Economics .....	309
Education .....	322
English and Comparative Literature .....	327
Ethnicity and Race Studies .....	332
<b>F</b>	
Fees, Expenses, and Financial Aid .....	52
Film and Media Studies .....	336
Foreign Language Requirement .....	109
French .....	339
Frontiers of Science .....	105
<b>G</b>	
Germanic Languages .....	345
Global Core Requirement .....	111
<b>H</b>	
History .....	356
History and Philosophy of Science .....	362
Human Rights .....	363
<b>I</b>	
Italian .....	367
<b>J</b>	
Jazz Studies .....	375
Jewish Studies .....	377
<b>L</b>	
Language Resource Center .....	380
Latin American and Caribbean Studies .....	381
Latin American and Iberian Cultures .....	385
Linguistics .....	391
Literature Humanities .....	92
<b>M</b>	
Mathematics .....	397
Medieval and Renaissance Studies .....	410
Middle Eastern, South Asian, and African Studies .....	412
Music .....	416
Music Humanities .....	103
<b>P</b>	
Philosophy .....	422
Physical Education and Intercollegiate Athletics .....	428
Physical Education Requirement .....	127
Physics .....	430
Political Science .....	435

Psychology ..... 445

Public Health ..... 457

## R

Regional Studies ..... 460

Registration ..... 145

Religion ..... 461

## S

Science Requirement ..... 123

Slavic Languages ..... 464

Sociology ..... 471

Special Programs ..... 154

Statistics ..... 473

Study Abroad ..... 149

Sustainable Development ..... 481

## T

The Administration and Faculty of Columbia College ..... 7

## U

University Writing ..... 106

Urban Studies ..... 492

## V

Visual Arts ..... 495

## W

Women's and Gender Studies ..... 499